



United Nations  
Educational, Scientific and  
Cultural Organization



UNESCO Office, Jakarta

# Annual Report 2007



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UNESCO Office, Jakarta  
Cluster Office for Brunei Darussalam, Indonesia, Malaysia, Philippines and Timor Leste  
Regional Science Bureau for Asia and the Pacific

# CONTENTS

Foreword	ii
Glimpses of a Field Office	iv
UNESCO Today	viii
UNESCO in Numbers	ix
• UNESCO Office, Jakarta: Budget	x
• UNESCO Office, Jakarta: Fact Sheet	xii
Strengthening Endeavors to Achieve Quality Education for All EDUCATION	1
Strengthening Education System to Combat HIV and AIDS HIV-AIDS	6
People, Biodiversity and Ecology ENVIRONMENTAL SCIENCES	8
Rural Schools as Training and Resource Centres for Community-Based Disaster Risk Management COASTAL REGIONS AND SMALL ISLANDS	14
Science Knowledge and Policy for Sustainable Development BASIC SCIENCES	18
UNESCO e-Learning in Asia Pacific ENGINEERING SCIENCES AND TECHNOLOGY	22
Living with the Planet EARTH and WATER SCIENCES	26
Building Tsunami Awareness TSUNAMI EARLY WARNING SYSTEM & JAKARTA TSUNAMI INFORMATION CENTRE	34
The Power of Culture CULTURE	38
From Bali with Peace COMMUNICATION and INFORMATION	46
Dili Antenna Office	52
Staff Members	54
Publications	58
Regional Networks	64
National Commissions for UNESCO	70
Partners of UNESCO	76

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## FOREWORD

The title of this report could have been “From Bali to Bali”. The reason: the year started and ended with major international events in Bali, both of which were positioned at the heart of UNESCO’s mission, and had a strong focus on people; people in relation to peace and security, and people in relation to sustainable development. In January 2007, UNESCO, together with the Government of Indonesia, hosted the Global Forum on “The Power of Peace: Using the Tools of Information and Communication.” The Forum attracted over 200 participants from the media, academia, government, NGOs and other sectors, from over 30 different countries. The Forum ended with a joint declaration entitled “The Spirit of Bali.” At the other end of the year, in December 2007, another important international event was staged in Bali. The United Nations Climate Change Conference (UNCCC), held from 3–16 December, brought together more than 10,000 participants, including delegates from over 180 countries, together with observers from intergovernmental and nongovernmental organizations and the media. UNESCO held a side event on “Articulating Science and Education to face the Challenge of Global Climate Change.” The Conference closed with the adoption of the “Bali Roadmap,” which defines the commitments and steps towards a comprehensive international agreement on climate change. UN Secretary-General Ban Ki Moon called climate change “the defining challenge of our age,” and it is a phenomenon that will hit the poor and the vulnerable hardest. I expect that climate change, together with other pressing development challenges, will set the scene for UN programming for many years to come, and therefore believe it is a strategic area in need of comprehensive international, multi-disciplinary and multi-partner approaches. It is with this in mind that ‘Climate Change’ was chosen as the theme of the UNESCO Office Jakarta 2007 Annual Report.

Between these two major international events in Bali, the year 2007 was a particularly busy one, with many new challenges and initiatives. Some examples:

- UNESCO Office Jakarta initiated a pioneering UNESCO Country Programming exercise, starting in Indonesia, with a view to achieving greater insight into UNESCO’s role within a “Delivering as One” scheme. The UNESCO Country Programme Document for Indonesia was developed through intensive consultations with key Indonesian government agencies and with support from the UNESCO National Commission. The production of similar Country Programming Documents for Timor-Leste and the Philippines will begin in 2008.
- Substantial initiatives were taken in the development of extra-budgetary programmes and projects to leverage the funding available for regular programmes. This has been particularly successful in the fields of education, culture and environmental protection. One example is Phase 2 of the NZAid co-funded CLCC project, which was started in mid-2007. This sizeable basic education project, which focuses on joyful learning and improved school management, is jointly executed with UNICEF and the Government of Indonesia, and is a good example of inter-UN agency cooperation.
- In Timor-Leste the UNESCO Antenna Office was re-established, and an international staff appointed to head it. We expect that with the re-opening of this office, which operates under the authority of UNESCO Office Jakarta, UNESCO will be able to step up its programme in Timor-Leste in the coming period.

From a personal perspective, 2007 was my first full year as Director of UNESCO Office Jakarta, and I had a chance to appreciate the broad range of programme delivery and challenges that are covered under the two functions of the Jakarta Office: as a Regional Bureau for Science, covering the Asia and Pacific Region; and as a Cluster Office, representing UNESCO in Brunei Darussalam, Indonesia, Malaysia, the Philippines and Timor-Leste.

The programme delivery of UNESCO Office Jakarta in 2007 was varied and diverse, ranging from the restoration of the earthquake-affected Hindu temple complex of Prambanan in Yogyakarta, to capacity building for journalists; from basic education to environmental preservation actions in the field; and from tsunami early warning systems to e-learning, research and higher education. This report provides brief highlights of selected events, activities and results of the programmes implemented or supported by the Office. For more detailed information on the full breadth of our activities, the UNESCO Office Jakarta website ([www.unesco.or.id](http://www.unesco.or.id)) provides another source of information, with access to newsletters, reports and documents.

Substantial time was also devoted in 2007 to the strengthening of existing partnerships in the cluster countries and in the science region, and to the establishment of new ones. A partnership approach is essential if we wish to further strengthen UNESCO's programme delivery, visibility and—last but not least—its impact for the benefit of Member States in the Region. To this end, closer ties were developed with SEAMEO, with the Regional Office of ICSU, with ASEAN, with the Asian Institute of Technology, and with UNESCO Category II Regional Centres. In addition, tailored partnerships were developed with research centres, universities, NGOs and other partners for the implementation of programme and projects. The work described in this annual report has drawn substantially from the effective collaboration with this wide network of partners and with the UNESCO National Commissions. The National Commissions in Indonesia, Malaysia and the Philippines are particularly well established and have provided strong support to the numerous activities and joint actions. Brunei Darussalam looks forward to similar collaboration, having launched its UNESCO National Commission in May 2007. I also had discussions with Timor-Leste about the establishment of its own National Commission, which is scheduled for 2008.

I close this foreword to the 2007 Annual Report by expressing my sincere thanks to all who contributed to the realization of the activities and results described in this report, be it via direct collaboration and partnership, by providing co-financing support, or by consolidating and disseminating the results achieved. I look forward to what we will achieve together in the coming years.

Hubert Gijzen  
Director and Representative

# Glimpses of a Field Office

## Grassroots Inspiration

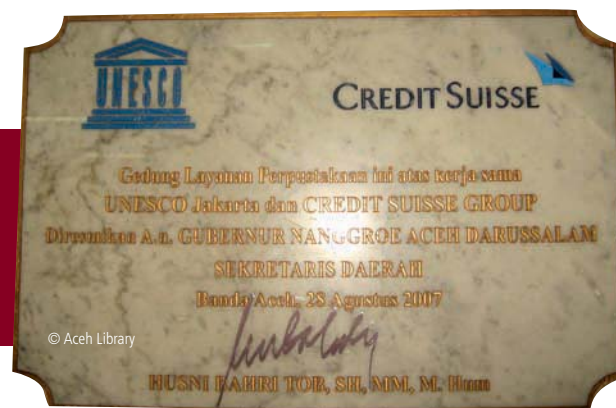
Jan H. Steffen

April 2007: A strong earthquake lasting several minutes is felt in a village on the island of Nias, located off the west coast of Sumatra. Sensitized through community meetings and discussions with a trained teacher at the village school, a fisherman takes position at an alarm post near the shore and uses a traditional bamboo drum to produce a loud warning sound while he watches to see whether the sea is receding. His alert signal is instantly repeated by villagers along the shore. Upon hearing the noise, residents in the wider vicinity are reminded that it's time to get to higher ground. People are gathering their family members and starting to run to safe areas 50 to 150 meters above sea level. These were identified earlier by the community and are now part of a locally drawn evacuation map prepared by school teachers and NGO facilitators, who made sure that all community members were informed about the locations and the most direct routes. Old and sick people are carried up the hill by local scouts. Running, panting, out of breath, but carefully attending to small children and members of the older generation, more than 150 people arrive at one safe area, only a short time after the first signals were heard. Loud cheers are heard, happy faces and

enthusiastic embraces produce an inspiring, joyful atmosphere: the village successfully beat the time limit it set itself and passed its own tsunami evacuation trial!

The spirit of the moment was caught on film and became a small but crucial part of the recent UNESCO documentary 'The Prepared Ones', which intends to provide a graphic example of community-based disaster risk reduction in action. Sifting through the wide range of video material shot during the school-based disaster risk reduction programme on Nias, the CSI team spent hours and hours reviewing the scenes with the film team and editor. Nevertheless, every time the film has been shown to various audiences since then, we could not help but still feel moved - again and again - by the degree of seriousness and passionate commitment of community members involved. The work on complex inter-sectoral programmes with a wide range of stakeholders and partners in UNESCO's member countries is rarely easy and has necessarily its ups and downs. For our small team it was rewarding to note, that such brief magic moments on the grassroot level had the power to motivate and inspire everybody involved for years to come.





## A Poem for UNESCO

Arya Gunawan

The site was Aceh Provincial Library, in the Darussalam area of Banda Aceh. The date was 28 August 2007.

When I arrived there, dozens of people had already gathered. Some of them were government officials; some were employees of the Library, including its Head, Mr. Kamaruddin. The Governor of Aceh was represented by Mr. T. Harmawan. We still had to wait for another 30 minutes before almost all the seats were occupied by the guests, and the ceremony started as scheduled, at 11.00. By that time, there were about 100 guests.

As could be read on a big banner at the location, the ceremony was to mark the official launch of the completion of reading room annex attached to the main library building. This reading room annex was built by UNESCO Jakarta with funds from the Credit Suisse Group Hong Kong, a global banking and investment company. The construction of the annex was one of the activities carried out by UNESCO Jakarta in Aceh following the December 2004 tsunami.

During the ceremony that took place that day, the traditional Acehese 'Saman' dance was performed as an opener, followed by speeches from—in order—the Head of the Library Mr. Kamaruddin, UNESCO Jakarta, and Mr. T. Harmawan. In their remarks, both Mr. Kamaruddin and Mr. Harmawan praised UNESCO's involvement in the building of the annex. It was badly needed by the Acehese to broaden their access to the information and knowledge preserved in the Library.

In my speech I myself—representing UNESCO Jakarta—praised the resilience of the Acehese, who have gone through a series of hardships, from the conflict situation in which the Government of Indonesia fought against the separatist movement since the 1980s, to the tsunami in December 2004 that claimed more than 100,000 lives. At the peak of the rehabilitation and reconstruction process—when this launch ceremony was being held—the Acehese would need a place to access information and knowledge even more than ever, and a library is one of the best places to do that. A library is also a place where education, science, culture and information meet. And as a matter of fact, these four sectors constitute the main mandates of UNESCO.

I also thanked the Acehese for their warm reception for UNESCO's work in post-tsunami Aceh. This warm reception has come

not only on a professional level, but also at a personal level. UNESCO officers, including myself, who have been coming periodically to Aceh following the tsunami, have made many local friends. I mentioned in the speech about my experience when I was welcomed by some Acehese families during Idul Adha (the Holy Day of Sacrifice according to Moslem belief) in January 2005, only a few weeks after the tsunami. During that day, I could not find any restaurants open because the owners were off to celebrate the day. Several families offered me their kindness, from giving me a lift to the mosque to perform the Idul Adha prayer, to invitations to have breakfast, lunch and dinner in the houses of different families. That was indeed one of the most memorable experiences in my life with regards to Aceh.

Before the closing of the official launch ceremony, a gentleman of about 70 years of age was invited to the podium to read out a poem that he had written specially for this event. The gentleman was Mr. Sayed Murthada, a well-known Acehese poet. His poem spoke of peace and harmony, things that all the Acehese are hopeful for after the difficult times they have encountered. The poet also praised UNESCO's contribution. Then, before he left the podium, he asked me personally to come back many more times in the future. "Next time come again, not only during Idul Adha, but also at Idul Fitri," he said referring to another holy day in the Moslem calendar, which marks the end of the fasting month. "You will find new friends who will be happy to receive you as a brother." I was touched.

After the ceremony, the guests were asked to take a quick tour to inspect the newly-launched reading room. It was not very big, only 9 x 20 metres square, but the chairs in the room were almost fully occupied by visitors, a clear indication that the people of Aceh really use it for the betterment of their lives.

The idea to build this reading room annex came from a proposal prepared by the library and submitted to UNESCO. The management of the Library wanted to have another reading room in addition to the main one that had already been built with the help of a major Indonesian private company. The old library was completely destroyed by the tsunami. Based on the proposal, UNESCO approached a number of potential donors, and in the end it was CSG that provided a grant in the sum of USD 100,000. In close consultation with CSG as the donor and the management of the Library as the beneficiary

of this assistance, it was agreed that the funds would be used for three main purposes: to build the reading room annex, to procure two mobile library units, and to buy about 3,000 books for the collection of the mobile libraries.

The project took almost two years to complete, starting from October 2005. Providing the mobile libraries and books was not too difficult. But the building of the reading room was quite time consuming, especially due to the fluctuations in the price and availability of building materials. It was hard to imagine that the Library would ever be standing proudly as it is now. Knowing the devastated condition of the old library in the aftermath of the tsunami, when only ruins and mud were left on the site, it was like a Phoenix re-emerging from the ashes.

I have to acknowledge the crucial contribution of one person that made this project possible right from the beginning. That was Mrs. Yusnidar, Head of the Service Unit of the Library, who tirelessly and almost single-handedly made every effort possible to seek funding from donors—efforts that turned out to be successful. And it was also Mrs Yusnidar, along with Mr. Mirwan, a dedicated staff member in her Unit, who made all the arrangements to make the UNESCO-CSG project happen, from the starting point right up to the launch ceremony.

As for UNESCO, the Library project has added to its portfolio of activities in post-tsunami Aceh. Various work has been done in UNESCO's four main fields of expertise, namely Education, Science, Culture and Communication-Information. In the field of CI in particular, UNESCO has implemented various programmes, from restoration of a radio station only a few months after the tsunami, to the establishment of a Communication and Cultural Centre in Banda Aceh, training for media professionals on journalism, and training on documentary video production, the use of ICT and creative writing skills for youth and university students.

The day's agenda ended with lunch. A number of journalists were seen interviewing the representative of Aceh provincial government and the Head of the Library. I just sat silently, next to Mrs. Yusnidar, enjoying the lunch. Deep in my heart I cannot deny that I want to come back time and again to Aceh, to continue UNESCO's good work for its people. And perhaps to also fulfil the wish of the poet.

## Where Does the Rice Grow?

Himalchuli Gurung

It was in January 2007 that I was invited to visit the cultural landscape of Bali, in Indonesia. As a UNESCO Culture officer, I get to visit some of the most interesting cultural sites in Indonesia but this visit was no ordinary routine work, but one that was to accompany a group of international participants including dignitaries from around the world. The dignitaries were the Ambassadors and Permanent Delegates to UNESCO from Indonesia, Iraq, Kuwait, Lithuania and the Kingdom of Saudi Arabia, who along with over 200 participants from 34 countries were in Bali to attend the Bali Global Forum from 21-23 January 2007 hosted by UNESCO and the Government of Indonesia. Upon



conclusion of the Global Forum, at the invitation of the Government of Indonesia, the Permanent Delegates visited the cultural landscape of Bali proposed by the Indonesian Government for inscription on the UNESCO World Heritage List. The site visit covered five out of the ten proposed sites, namely the temple complex of Taman Ayun, Jatiluwih rice field terraces and some archaeological sites along the Pakerisan and Petanu river banks.

All the sites we visited were equally interesting and impressive, but the visit to Jatiluwih rice field terraces particularly remains in my memory. As we approached the rice field terraces, we were welcomed by the local government host with Balinese dance and drum beats. Along with the welcome drinks as refreshment, we received briefing by government officials about the cultural landscape of Bali proposed for world heritage inscription. During this briefing, suddenly one of the Ambassadors sitting next to me curiously asked "Where exactly does the rice grow?" and in response I automatically pointed to the rice paddy field just few meters away from where we were sitting, but then suddenly realized that the rice field was covered with young crop with rice paddy just about a foot high. I casually told him that the rice grows on the green plants that were the rice paddy all around us. Then he again asked, "where exactly does it grow, under the ground or above?!" This question alerted me and then I suddenly jumped across my table and approached one of the local authorities, asking him if there is any possibility to find a bunch of rice plants with rice grains, maybe from the storage. Then in minutes, a bunch of dried rice plant with rice grains hanging from it was brought in front of the crowd, which was the centre of attraction for many others and not just the Ambassador. Soon some of them were eagerly touching the rice grain while some others were biting the rice grain to get the taste of it. Most of my Indonesian colleagues were delighted to see how foreigners, who saw the rice grain for the first time in their life, were entertained by its sight!

I thought that indeed this rice culture in Bali is unique in itself and the Balinese fortunate to have such bounty of Mother Nature's produce to their advantage. Then I suddenly realized that having Jatiluwih rice field terraces included in the Bali cultural landscape nomination for World Heritage inscription was indeed a good choice as this will definitely give many more visitors to Bali, the first sight and taste of fresh rice grain!





## The Right Timing

Ardito M. Kodijat

"Is it true that there will be a big earthquake in Bengkulu on the 23<sup>rd</sup> of December?" This was the question asked to us almost by all the people we met during the Jakarta Tsunami Information Centre (JTIC) school and community preparedness activity held in Mukomuko District, North Bengkulu at the beginning of November 2007, in cooperation with the National Institute of Sciences (LIPI). This rumour was triggered by a letter the Government received from a professor in Brazil who dreamt that there would be a big earthquake of more than 8.5 on the richter scale around the 23<sup>rd</sup> of December. Our timing for the school and community preparedness activity could not have been better: the rumour made sure our activity got a lot of attention from the community.

Although we knew that they were expecting a simple "Yes" or "No" answer to their question, that is the answer that we cannot give. However, it does provide us with a good way to introduce our preparedness activity as we give the same answer every time: "Up to the present there is no available technology that can predict when an earthquake will strike, where, or how big. Indonesia is located in this 'Ring of Fire' and along the Sunda trench structure in the Indian Ocean. The earth is constantly moving, and the motion of these two plates (the Indian-Australian Plate and the Eurasian Plate) leads to an accumulation of strain that, if released, causes a megathrust earthquake that can generate a tsunami," (we use our hands to illustrate the movement of the plate to make it more communicative and somehow visible to the people). "So, yes—we in Indonesia will constantly feel earthquakes, and yes, there is a possibility of a big earthquake with a possible tsunami happening; however, we do not know exactly when, where, or how big."

After giving this explanation and trying to calm the people, we then started with the importance of preparedness and awareness. "The rumour about the 23<sup>rd</sup> of December is only based on one person's dream. We should not panic, but instead we should be prepared. Let's

take the analogy of school: we know that a teacher always gives surprise tests in class, we just do not know when or what. If we are not prepared—if we never pay attention in class and we never study at home—every time we enter his/her class we will be afraid and maybe even in a state of panic because we do not know what to do. But if we are prepared, we will not be afraid to come to class, and when the test is given, we know exactly what to do. That is also how we should be prepared for disaster. Be aware and always be prepared so that we know exactly what to do when it strikes."

We feel that our school and community preparedness activity received a lot of attention because the circumstances at that time stimulated the interest of people in the community; they wanted to know more. Some people asked more questions, trying to understand better (they got our best answers), and some people kept pushing to get a simple "Yes" or "No" answer (which they did not get), but in the end they listened to what we said and understood the importance of being prepared.

However, it is human nature to be afraid and worried about things they do not know. We learned later that the rumour persisted in the community, and it had a big impact on the people. Some tried to stay calm and be prepared as we taught them, while others took different actions to prepare: some bought motorcycles so they would be able to flee faster, some started to build huts and shacks on higher ground in case they had to evacuate, and some moved their belongings and children to relatives in other cities.

Upon returning from Mukomuko all of us waited anxiously for the 23<sup>rd</sup> of December. We are happy that there was no earthquake that day in Mukomuko; however, we know that there is still the possibility of such an earthquake happening in the future, and we hope that the school and the community will continue to be prepared as we taught them, so that they will know what to do when it strikes.

# UNESCO TODAY

*Building a world of peace and progress through the sharing of knowledge*

Born in 16 November 1945, at a time when the world was appalled by two devastating wars, UNESCO (United Nations Educational, Scientific and Cultural Organization) foundations were rooted in the concerns of the time.

The premise: All tyranny, including that which led to World War II, is propagated through ignorance and prejudice. For this specialized United Nations agency, it is therefore not enough to build classrooms in devastated countries or to publish scientific breakthroughs. Education, Social and Natural Science, Culture and Communication-Information are the means to a far more ambitious goal: to build peace in the minds of men.

For, if peace is to exist, it must first of all be desired by the women and the men of the whole world. But before that idea takes shape in the minds of each one of us, a long road remains to be traveled.

All individuals, no matter where they live, must have the opportunity to learn how to reason and to cultivate humanistic values, the first as the motor for material progress, the second to lay the foundations for peace and respect for human rights. An educated population, aware of its fundamental rights, is more likely to share in the fruits of democracy. And sharing the benefits of science and technology equally among the peoples of the world will improve their health and well-being.

However, harmony between peoples is still fragile. Day after day we are forced to recognize that this goal of peace and the common welfare is still distant. Solidarity and sharing are therefore more than ever cardinal values. UNESCO then fosters these values by multiplying and reinforcing educational, scientific and cultural relations, pursuing two closely linked objectives: development which, beyond the simple demands of material progress, must also respond to a full range of human aspirations without jeopardizing the heritage of future generations; and establishment of a Culture of Peace, based on education for responsible citizenship and full participation in democratic processes.

This is particularly the case in the world of the 2000's, where the era of globalisation confronts us with new ethical and practical challenges. Unprecedented wealth and well-being for those connected into the global economy is balanced precariously against increasing poverty and marginalisation of those who are not.

Inequities in participation in the benefits of globalisation are largely a product of imbalances in education and social and economic access; whilst, globalisation's information-based homogenising cultural force increasingly threatens diversity between cultures. At the heart of addressing the challenge of globalisation is the need to foster

a strengthened dialogue among cultures and among civilisations.

UNESCO is working to create the conditions for genuine dialogue based upon respect for shared values and the dignity of each civilization and culture. This role is critical, particularly in the face of terrorism, which constitutes an attack against humanity. The world urgently requires global visions of sustainable development based upon observance of human rights, mutual respect and the alleviation of poverty, all of which lie at the heart of UNESCO's mission and activities.

UNESCO's basic mission in the 2000's is therefore translated into three main strategic thrusts:

- developing universal principles and norms, based on shared values, in order to meet emerging challenges in education, science, culture and communication, and to protect and strengthen the "common public good";
- promoting pluralism, through recognition and enhancement of diversity together with the observance of human rights; and,
- promoting empowerment and participation in the emerging knowledge society through equitable access, capacity-building and sharing of knowledge.

## UNESCO Principles

UNESCO, in all its activities, is guided by three fundamental and inseparable principles:

- Universality
- Diversity
- Dignity

These principles are closely related to the values of justice, solidarity, tolerance, sharing and equity, respect for human rights and democratic principles.

UNESCO is not a funding agency. Its internal budget is less than that of a medium-sized university in an industrialized country. Therefore, UNESCO's strategies focus on catalytic actions that mobilize international and national support through extra-budgetary funding, particularly from the United Nations Development Programme, the Asian Development Bank, voluntary contributions and some donor countries under fund-in-trust agreements.

Unique within the UN system is the way of participating with its member states. Instead of a country's representation and interests being decided by officials inside the government, UNESCO has created the principle of representation through National Commissions, endorsed and officially supported by the governments, but consisting of experts in the fields covered by UNESCO's mandate. National Commissions may therefore consist of educators, artists, scientists, politicians, journalists and anthropologists—a broad range of the intellectual strengths available within the member states. National and

international non-government organizations (NGOs) also participate in UNESCO's mission. In addition, the Organization collaborates with other UN agencies, for example, those involved in development, child welfare, the environment or finance. These links with specialists in every part of the world enable UNESCO to act as a clearing-house for the knowledge and cultures of the world.

To fulfill its mandate, UNESCO performs five principal functions within its spheres of competence, a single activity sometimes fulfilling several of these:

Through its strategies and activities, UNESCO is actively pursuing the **Millenium Development Goals**, especially those aiming to:

- **halve** the proportion of people living in extreme poverty in developing countries by 2015
- **achieve** universal primary education in all countries by 2015
- **eliminate** gender disparity in primary and secondary education by 2005
- **help** countries implement a national strategy for sustainable development by 2005 to reverse current trends in the loss of environmental resources by 2015.

- A laboratory of ideas: anticipating and defining the most important emerging problems in the light of the ethical principles UNESCO champions, and identifying appropriate strategies and policies to deal with them;
- A standard-setter: serving as a central forum for articulating, building understanding, benchmarking, and mobilizing agreements and international opinion related to the ethical, normative and intellectual issues of the time;
- A clearing house: gathering, transferring, disseminating and sharing information, knowledge, best practices and innovative solutions, and testing them through pilot projects;
- A capacity builder in Member States: organizing international cooperation in building human and institutional capacities to deal with the challenges addressed within UNESCO's mission; and,
- A catalyst for international cooperation: as a technical multi-disciplinary agency, assuming a catalytic role in introducing innovation, effective intervention and wise practice into development assistance through multilateral and bilateral cooperation.

## UNESCO IN NUMBERS

As of October 2007, UNESCO has 193 Member States and 6 Associate Members. 180 Member States have established permanent delegations to the Organisation at its Headquarters in Paris.

The UNESCO Secretariat employs around 2,100 civil servants from some 170 countries. More than 700 staff members work in UNESCO's 58 field offices around the world.

7,900 Associated Schools in 176 countries help young people develop attitudes of tolerance and international understanding.

UNESCO cooperates with intergovernmental organizations (IGOs) which do not belong to the United Nations system but have working relations with UNESCO. In order to strengthen such cooperation, UNESCO has signed agreements with 87 IGOs.

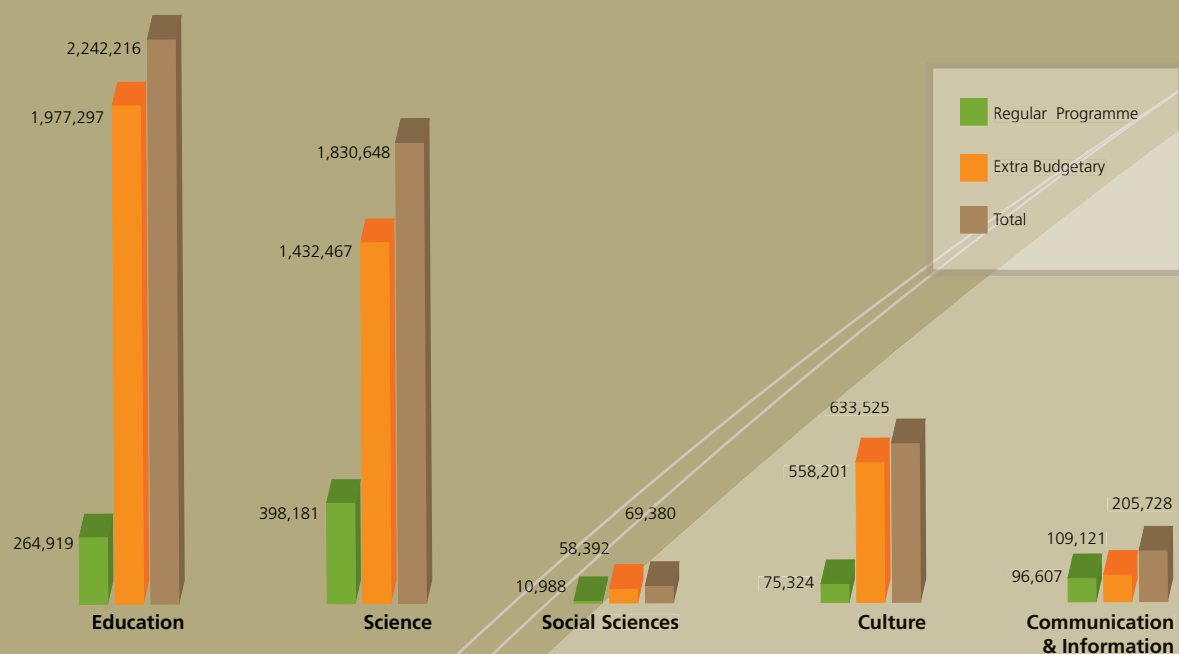
305 international NGOs and 27 foundations and similar institutions maintain official relations with UNESCO. Many others cooperate on an occasional basis with the Organisation's sectors, not only at international and regional levels, but also at national level.

A group of more than 40 eminent personalities - the Goodwill Ambassadors - use their talent and status to help focus the world's attention on the work and mission of UNESCO.

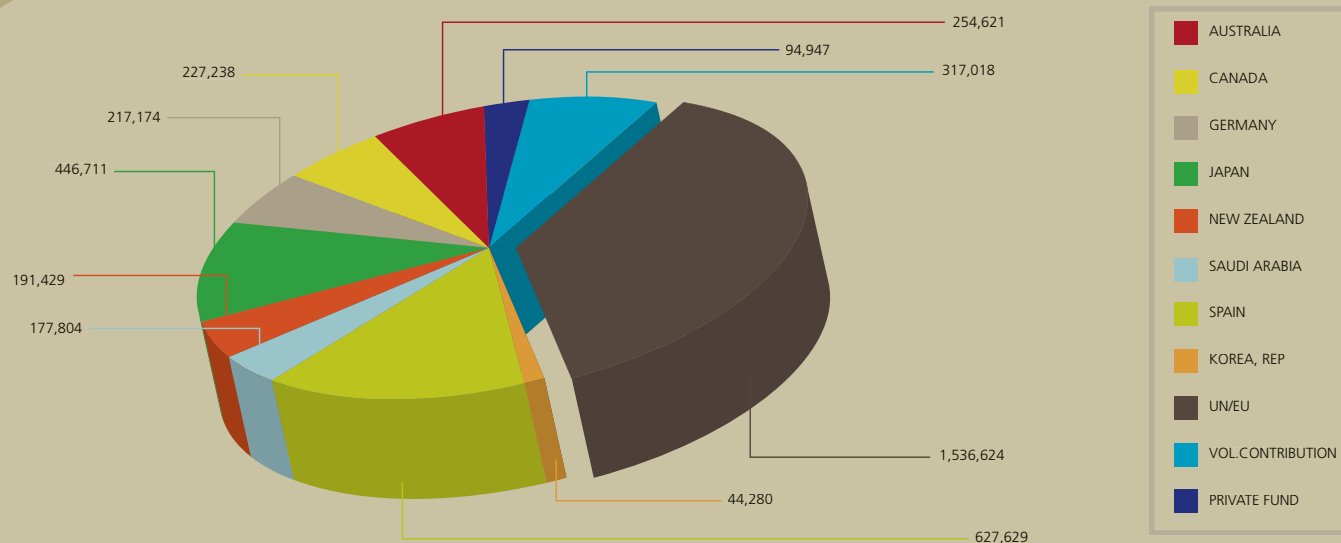
Over 580 University Chairs and 65 Twin Universities comprise the UNITWIN/ UNESCO network which encourages research, training and development in higher education.

In 2007 UNESCO Office, Jakarta's Regular budget: US\$ 1,169,787; Extra-budgetary budget: US\$ 4,203,793

# UNESCO Office, Jakarta: Budget 2007



Budget Allotment (US\$)			
	Regular Programme	Extra Budgetary	Total
Education	264,919	1,977,297	2,242,216
Science	398,181	1,432,467	1,830,648
Social Sciences	10,988	58,392	69,380
Culture	75,324	558,201	633,525
Communication & Information	96,607	109,121	205,728
Running Costs Budget	224,985		224,985
Delegated for Training	30,090		30,090
Indonesia UCPD	9,852		9,852
Field Office Security Costs	58,840		58,840
Decentralized		29,857	29,857
FITOCA	-	38,459	38,459
<b>Total</b>	<b>1,169,787</b>	<b>4,203,793</b>	<b>5,305,264</b>



Sources of Extra Budgetary Funds (US\$)

	Total	Education	Science	Social Sciences	Culture	Communication and Information
AUSTRALIA	254,621	254,621				
CANADA	227,238	227,238				
GERMANY	217,174	217,174				
JAPAN	446,711	6,127	418,079		22,504	
NEW ZEALAND	191,429	191,429				
SAUDI ARABIA	177,804				177,804	
SPAIN	627,629		627,629			
KOREA, REP	44,280		44,280			
UN/EU	1,536,624	1,080,707	299,736		156,182	
VOL. CONTRIBUTION	317,018			58,392	201,711	56,916
PRIVATE FUND	94,947		42,742			52,205
DECENTRALIZED	29,857					
FITOCA	38,459					
<b>TOTAL</b>	<b>4,203,793</b>	<b>1,977,297</b>	<b>1,432,467</b>	<b>58,392</b>	<b>558,201</b>	<b>109,121</b>

# UNESCO Office, Jakarta: Fact Sheet

## History:

- 1951 established as the UNESCO Field Office for Southeast Asian Science Cooperation (SEASCO)
- 1967 became the Regional Office for Science and Technology for Southeast Asia (ROSTSEA)
- 1993 renamed the UNESCO Jakarta Office in keeping with the house-wide policy on office names
- 2001 became UNESCO Office, Jakarta: Regional Science Bureau for Asia and the Pacific and Office of the UNESCO Representative to Indonesia, Malaysia and the Philippines
- 2002 the Democratic Republic of Timor-Leste signed the Instrument of Acceptance for Membership of UNESCO (31 October 2002)
- 2003 became UNESCO Office, Jakarta: Regional Science Bureau for Asia and the Pacific and Office of the UNESCO Representative to Indonesia, Malaysia, Philippines and Timor-Leste
- 2005 Brunei Darussalam became the 191st Member State of UNESCO on 17 March 2005. The country is covered by the UNESCO Office in Jakarta, Indonesia
- 2007 produced Indonesia-UNESCO Country Programme Document (IUCPD); a document which contains programmes and activities developed and to be implemented in close cooperation with the Government of Indonesia

strengthened the office in Dili, Timor Leste to become UNESCO Antenna Office, headed by an international staff with a number of local staff

## Mandate:

- Regional Science Bureau for Asia and the Pacific
- Representative to Brunei Darussalam, Indonesia, Malaysia, the Philippines and Timor-Leste

## Mission:

To contribute to peace and human development in an era of globalization through education, sciences, culture and communication.



## Specific Themes:

- Reducing poverty through education for all, applying scientific knowledge to the benefit of the poor, and removing social, cultural and communications barriers to equity.
- 'Humanising globalisation' through building cultural and communication bridges, assurance of cultural heritage and empowerment of the marginalised to participate.
- Bridging the digital divide through socio-technical innovation.
- Redressing marginalisation of women and young people.
- Assisting in combating the threat of HIV/AIDS through providing essential knowledge, and changing negative attitudes and behaviours through education and advocacy.
- Empowering indigenous cultures confronting the modern world.
- Creating a sustainable world for present and future generations through linking science and ecological knowledge with an understanding of community and social processes.
- Promoting freedom of expression, freedom of the press, free flow of information, and improving people's access to communication and information.
- Promoting peace by addressing the challenges of globalisation - root causes of poverty, equity of access to knowledge and natural resources, and the ethical values and attitudes that lie behind global action.

# EDUCATION

Tempustakaan  
SMPN 2







Team work building © UNESCO/ED

## Strengthening Endeavors to Achieve Quality Education for All

A wide array of endeavors have been conducted by UNESCO Jakarta in 2007 to support Indonesia, Malaysia, Philippines, Timor Leste and Brunei Darussalam achieve the six Education for All (EFA) goals in early childhood care and education, universal primary education, learning needs of young people and adults, adult literacy, gender, and quality.

In improving the quality of primary schools, the Government of Indonesia, UNESCO and UNICEF have continued the joint Creating Learning Communities for Children (CLCC) programme through introduction of more effective school-based management (SBM), active, joyful and effective learning (AJEL), and community participation (CP). CLCC, is known as MBS (Indonesian translation of SBM by the programme target beneficiaries) has been implemented in two phases - Phase One (1999 - March 2007) supported by NZAID and AusAID, and Phase Two (April 2007 – early 2010) supported by NZAID. In Phase One UNESCO has developed training packages, learning materials and learning guides, as well as advocacy materials. Using funds from AusAID, the booklets of best practices of CLCC in 2006 were reprinted and distributed to participating schools and Education District Offices. The same AusAID funds were also of benefit for collaborative activities with 7 universities in order to develop and finalise ideas on accreditation and adoption of the CLCC model into primary teacher education courses. Besides these activities, several new video programmes were developed inside and outside the classrooms, each lasting 20-25 minutes, related to the Indonesian Language, Science, Social Studies and Mathematics. In addition, two new case studies on the Indonesian Language and Mathematics were published, and several previous products were also reproduced and distributed to the field. In addition, a workshop on the development of guidelines for linking CLCC and other teaching-learning materials was held at the Education Quality Assurance Institution (LPMP). The beginning of CLCC Phase II was socialised through trainings for trainers, and consultative and advocacy meetings at national down to district levels. Utilizing regular programme funds, UNESCO Jakarta also continued to strengthen the quality of CLCC Islamic primary schools in Magelang, Mojokerto and Gowa districts.

In enhancing capacities in EFA monitoring and evaluation, capacity building was provided for Indonesia, Malaysia and the Philippines in developing their EFA Mid-Decade Assessment reports on Reaching the Unreached. These reports were synthesized in an EFA Mid-Decade Assessment Sub-regional Synthesis Report for Insular Southeast Asia covering Indonesia, Malaysia and the Philippines, and briefly covering Brunei Darussalam and Timor Leste.

Support for the achievement of EFA and MDG were gathered during commemoration of the 2007 EFA Global Action Week, and organization of a MDG banner competition, movie screening, and discussion. UNESCO Jakarta also participated in the 42<sup>nd</sup> SEAMEO Council Conference and 2<sup>nd</sup> ASEAN Education Ministers Meeting held in Bali (Indonesia) in March 2007.

Expanding educational access has been endeavoured through several projects. The 10<sup>th</sup>-year PALIHAN (non formal technical and vocational training project for the out-of-school youth) project has been continued in Metro Manila (Philippines), along with the 5-year sponsorship programme for 25 students in consultation with ERDA Tech Foundation. On 10 October 2007 UNESCO Office, Jakarta participated in PALIHAN's 10<sup>th</sup> Year Anniversary. In addition, the "Scientific, Technical and Vocational Education (STVE) for Marginalized Girls and Young Women: A Guideline to Facilitate Expansion and Effectiveness of the STVE Programme" was developed, printed and disseminated. A half-day National Seminar and Press Conference to Launch the STVE Guideline were organized in September 2007.



More discipline and active with CLCC  
Breakfast Menu © Bandung State University



Discussion on certification and accreditation of CLCC in pre-service teacher training institute at Bandung State University  
© Bandung State University



Islamic Primary School Students  
© UNESCO Jakarta/ED

Assistance was also given for earthquake/tsunami victims through the project "Supporting Community-Based Education and Psychosocial Assistance through the Establishment of Volunteer Training Centres (Livelihood Skills Development Project)" in Nanggroe Aceh Darussalam from 2005 to 2007 with the support of OCHA and UNESCO Headquarters. In promoting literacy, UNESCO Jakarta supported Indonesia's participation in the Literacy Prize competition, and participated in the "Regional Conference on Literacy Challenge in Southeast Asia" held in China in August 2007. Six books of Indonesian Literacy Education were translated. A study visit of Timor-Leste's Ministry of Education and Culture representatives to Indonesia was organized in May 2007 to exchange experiences in equivalency education. UNESCO Jakarta also participated in a "Tetun National Language Seminar" on 18 June 2007, and in the "First National Workshop on Community Learning Centres in Timor Leste" on 14 September 2007.



Islamic Primary School Teachers  
© UNESCO Jakarta/ED

The importance of ICT in expanding access to quality education was highlighted through organization of capacity building workshops on usage of the ICT-in-Education Toolkit in Indonesia in April 2007, and in Brunei Darussalam in June 2007. Three Indonesian participants were supported to the "Regional Workshop on ICT Integration Training for the Next Generation of Teachers" held in October 2007 in China. UNESCO Jakarta participated in the "International Symposium on Open and Distance Learning (ODL) - The Emerging Technologies for Teaching and Learning: A New Paradigm of Learning" held in Bali (Indonesia) in November 2007. It is our sincere hope that these educational endeavors can empower the people to develop their full potential and bring forth better social and economic options that can improve their lives.

## List of Activities

- Developing the National EFA Mid-Decade Assessment reports: Reaching the Un-reached of Indonesia, Malaysia and the Philippines**  
These reports also formed the basis for the EFA Mid-Decade Assessment Sub-regional Synthesis Report for Insular Southeast Asia. The national and sub-regional reports will be used by the countries to better assess their progress towards achieving the EFA goals by 2015, and to review the effectiveness of their policies in reaching the un-reached.
- Indonesian Youth Networking for the Millennium Development Goals**  
UNESCO Office, Jakarta contributed to the organisation of an MDG banner competition on the theme 'Poverty in Developing Countries', a movie screening, and a discussion on 'Poverty in Developing Countries and Implementation of the Millennium Development Goals as One Solution' among selected schools in Jakarta.
- 42<sup>nd</sup> SEAMEO Council Conference and 2<sup>nd</sup> ASEAN Education Ministers Meeting Bali, Indonesia**  
March 2007: During the Conference UNESCO presented the Education and Science Sectors and coordinated and engaged in the SEAMEO-UNESCO Consultation Session on 15 March 2007.



Vocational training for out-of-school youth  
© ERDA Tech

- **Early Childhood Care and Education (ECCE) Policy Review Report**

ECCE were strengthened in Indonesia, Malaysia and the Philippines through development of the countries' ECCE Policy Review Report. UNESCO Jakarta also contributed in developing a sub-regional Response for Southeast Asia from the 2007 EFA Global Monitoring Report on ECCE.

- **Gender Education Network in Asia (GENIA), Bangkok, Thailand, July 2007**

In mainstreaming gender equality, in 2007 Indonesia became a member of GENIA. Since becoming a member, the Gender Focal Point attended the GENIA meeting in July 2007 in Bangkok. In addition, the GENIA Toolkit was adapted, translated, printed, and distributed in Indonesia. A National Policy Dialogue on Gender Equality in Education was also organized.

- **National Policy Dialogue on Gender Equality in Education, December 2007**

Organised in collaboration with the Indonesian National Commission for UNESCO, the Policy Dialogue focused on the impacts, challenges and solutions related to the application of policies on education and gender in practice.

- **Inclusive Learning-Friendly Environments (ILFE) Toolkit**

In cooperation with UNESCO Bangkok, the english version of the toolkit was reprinted and distributed to Ministries of Education in the Philippines and Malaysia. In Indonesia, the toolkit, in both ink and Braille versions, have been adapted to the Indonesian context, revised, reprinted and distributed. Training on the toolkit itself has been integrated in other inclusive education trainings.

- **PALIHAN Metro Manila, Philippines**

This non-formal technical and vocational training project for out-of-school youth, now in its 10<sup>th</sup> year, and the 5-year sponsorship programme for 25 students continue to be implemented in consultation with the ERDA Tech Foundation. On 10 October 2007, UNESCO Office Jakarta participated in PALIHAN's 10<sup>th</sup> Anniversary celebration.





- **International Mother Tongue Day**

In cooperation with the Indonesian National Commission for UNESCO, on 21 February 2007 a one-day event was organized to mark Mother Tongue Day. This provided a meaningful opportunity for debate and activities to support all the languages spoken in the world, aiming at promoting linguistic diversity and multilingual education. Support was also provided for the Directorate of Community Education of MoNE to participate in the Symposium on Indigenous Minority Language Development & Multi-Lingual Education held in Kota Belud, Sabah, Malaysia in April 2007.

- **Regional Conference on Literacy Challenge in Southeast Asia**

Beijing, China, 31 July – 3 August 2007: UNESCO Office, Jakarta supported Indonesia's participation in the competition for the Literacy Prize, and participated in the conference. Six books on Indonesian Literacy Education were translated for wider dissemination.

- **Study Visit to Indonesia by Officials of Timor-Leste's Ministry of Education and Culture**

Organized in May 2007 to exchange experiences regarding NFE Policy, Programmes and field best practices, with particular focus on the Equivalency Education Programme.

- **Scientific, Technical and Vocational Education (STVE) for Marginalized Girls and Young Women: Guidelines to Facilitate Expansion and Effectiveness of the STVE Programme**

The guidelines were developed, printed and disseminated in each participating region. A half-day National Seminar and Press Conference to launch the Indonesian edition of the STVE Guidelines was organised by UNESCO Office, Jakarta and the Indonesian National Commission for UNESCO at the Ministry of National Education in September 2007. UNESCO has also assisted existing and new stakeholders to improve or start replicating the implementation of the Scientific, Technical and Vocational Education for Out-of-School Girls: Schools and Learning Centres as Community Catalysts for Poverty Reduction and Empowerment of Girls programme.

- **Blog for Peer-to-Peer Education on HIV/AIDS**

Improving access to quality education was also endeavoured through development of a blog [www.myredribbon.blogspot.com/](http://www.myredribbon.blogspot.com/) and training materials which were developed in cooperation with Universiti Pendidikan Sultan Idris (Malaysia) for peer-to-peer education on HIV/AIDS. In addition, as an intersectoral Education-Culture activity, piloting use of the World Heritage Toolkit was conducted through organization of teacher trainings and field trips in April-May 2007. Support was also provided for the event series "Bridges - Dialogues towards a Culture of Peace" held in the Philippines and Thailand.

- **Capacity Building Workshops on the ICT in Education Toolkit for Policymakers, Planners and Practitioners**

Two capacity building workshops on the toolkit were organized for the Ministry of Education's policy makers, planners and practitioners in Indonesia on 2-6 April 2007, and in Brunei Darussalam on 4-7 June 2007. In addition, three Indonesian participants were supported to attend the Regional Workshop on ICT Integration Training for the Next Generation of Teachers held in October 2007 in Yunnan, China.



Working group discussion at  
CLCC Schools  
© Bandung State University



MBS Display Corner  
at CLCC school  
© Bandung State University



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# HIV - AIDS

## Strengthening the Education System to Combat HIV and AIDS

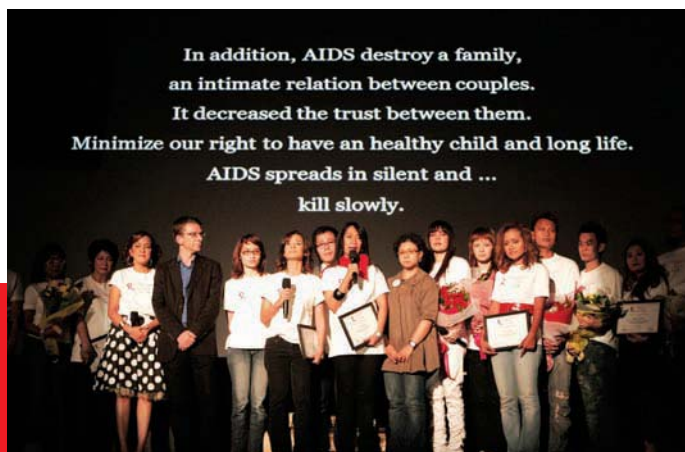
UNESCO Jakarta strives to strengthen the education sector's response to HIV and AIDS through development and piloting of teaching and learning materials for pre-service and in-service teacher education in the formal system and through Community Learning Centers (CLCs) in the non-formal system.

Starting from a review and revision of the manual "Reducing HIV/AIDS Vulnerability Among Students in the School Setting: a Teacher Training Manual", developed for the region by the Bangkok Office, a new manual called "UNESCO Teacher Education Manual on HIV and AIDS Prevention and Response" was developed through a consultative process with various stakeholders, including the Indonesian Ministry of National Education, teacher training institutions and non-government organizations. The new manual was deemed more user-friendly and more targeted in its approach. Piloting began in three Indonesian teacher training institutions. A pilot version of the manual in both English and Bahasa Indonesia was produced. The initiative was expanded to include piloting/adaptation activities in Malaysia and the Philippines, and resulted in the production of Malaysian and Philippine pilot versions in English. All teams will then meet in a cluster workshop in early 2008 to develop the regional version of the manual.

In parallel with the development and piloting activities of teacher education manual, some documents and piloting activities have been conducted to scale up the education sector response on HIV prevention program. A tool guideline in creating awareness and encouraging response from key stakeholders, to ensure equal access and right of all children to quality education and health services in an inclusive setting – has jointly developed together with IDP Norway and Indonesian National Commission for UNESCO. The joint collaboration with Plan Indonesia, and World Vision Indonesia has been initiated to support the Ministry of Education in revising and redesigning the Life Skill Education guideline on HIV prevention for secondary school teachers.

In accordance with the increasing numbers of new HIV infections among young people, the innovative approach must be applied to do a nationwide of HIV prevention education. Traditional performance is one of the possibilities of the innovative approaches to deliver education messages on HIV and AIDS. Using traditional performing arts, which is entertaining and allowing the audience to culturally identify with the show, useful information on HIV and AIDS prevention, care and support can be effortlessly transmitted.

UNESCO - L'OREAL  
Indonesia Launching  
Event for Hairdressers  
at World AIDS  
Day 2007  
© L'OREAL Indonesia.



## List of Activities

- **Workshop on Challenges in Integrating HIV-AIDS in Secondary School Curriculum through Innovative Approaches**

The workshop was held in Jakarta on 20-21 June 2007, in collaboration with UNESCO Bangkok, the Indonesian National Commission for UNESCO, Ministry of National Education, and UNICEF. The workshop aimed to strengthen coordination and implementation of a broad-based HIV and AIDS response of the education sector within a school health framework.

- **Mobilizing Community Learning Centers to support the WHO/UNAIDS 3 x 5 initiative by promoting approaches and strategies to diminish stigma and discrimination of people with HIV living in community**

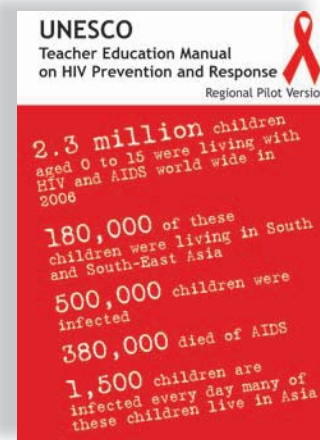
Guidelines have been piloted in three places in Indonesia (i.e.: Sukabumi, Cianjur, and Jakarta) focusing on three different target 'at risk/vulnerable' group -- young sex workers, out-of-school youth and young people in prisons. The project is a component of a region-wide activity led by the Bangkok Office.

- **Information Kit for School Teachers – Workshop on Toolkit Adaptation**

The Jakarta Office again teamed up with the Bangkok Office to implement the workshop in Cebu, Philippines on 24-25 September 2007. The Toolkit aims at mitigating the impact of HIV and AIDS at school level and preventing HIV infection among school children through HIV prevention education.

- **Expand the use of innovative HIV prevention approaches using traditional forms of performing arts**

The project featured the use of traditional performing arts to convey lessons and messages on HIV and AIDS prevention. The activities consisted of a workshop on 16 November 2007 on framing messages on HIV and AIDS for artists in the traditional performing arts, and validating lessons learnt; and a public performance of wayang on HIV and AIDS prevention held in commemoration of World AIDS Day, at the Indonesian Ministry of National Education Main Hall, on 7 December 2007.



# ENVIRONMENTAL SCIENCES







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## People, Biodiversity and Ecology

Working under the overall priority of the 2002-2007 medium-term strategy, Water and Associated Ecosystems, the Environmental Sciences Unit and its Man and Biosphere (MAB) Programme focus on ecosystem management for the sustainable use of biological diversity.

Activities during the 2006-2007 biennium followed three main line of actions:

- 1) Minimizing biodiversity loss through research and capacity building for ecosystem management;
- 2) Biosphere reserves: Promoting environmental sustainability;
- 3) Enhancing linkages between cultural and biological diversity.

### Eco and Cultural Tourism Development in South Nias, Nias Island, North Sumatra, Indonesia

One of the activities carried out by the Environmental Sciences Unit in 2007 within the framework of the medium-term strategy and along the three main line of actions was an ecotourism with support from the Spanish Agency for International Development Cooperation (AECID) project in Nias Island. The southern part of the island, with its unique megalithic culture, beautiful beaches, pristine environment and world class surfing, has strong potential for sustainable tourism as way of reducing poverty in the post-disaster context. The overall objective of the project, therefore, is to create a more positive environment for tourism development in selected pilot sites in South Nias.

This is being done by strengthening the managerial, legislative and planning capacities of the local communities and tourism department officials in South Nias, and by providing support to those in the tourism sector in the various pilot sites to develop their business management capacities and increase the level of services and tourist information available.

To provide a tool for donors and decision makers to plan future interventions in the region, one element of the project was an in-depth assessment of the current tourism issues and potential on the island. During 2007, stakeholders' perspectives, training needs and tourism potential were mapped in target villages. This was achieved through group discussions, consultative meetings, interviews, direct surveys, desk studies and the collection of geographical data on tourism sites, myths and folklore. The mapping activity enabled the team to identify potential locations throughout South Nias for tourism-related activities such as surfing, snorkelling and river trekking.

The project has a strong capacity building component, which is implemented through a range of forums, discussion groups and trainings for the local communities. In 2007, 'door-to-door' training activities and discussions were conducted and several existing community groups were empowered, especially women's groups. Women were involved in the production of traditional clothes while the men's group produced wood and metal handicrafts.



Pathway to Jumali waterfall, Onohondro village, South Nias  
© ECO Unit



Rehabilitation of the roof of Oma Sebu (the Chief's House), Onohondro village, South Nias  
© ECO Unit

UNESCO and target villages worked as well on various small infrastructure restoration projects. The rehabilitation of the roof of Omo Sebua (the Chief's house) in Onohondro village, South Nias was completed, as was the rehabilitation of the pathway to Jumali waterfall and the construction of a bridge over the Gomo River. Now the pathway to the waterfall is safe for everyone to use, and what's more, it was built using local materials and is well integrated with the environment.

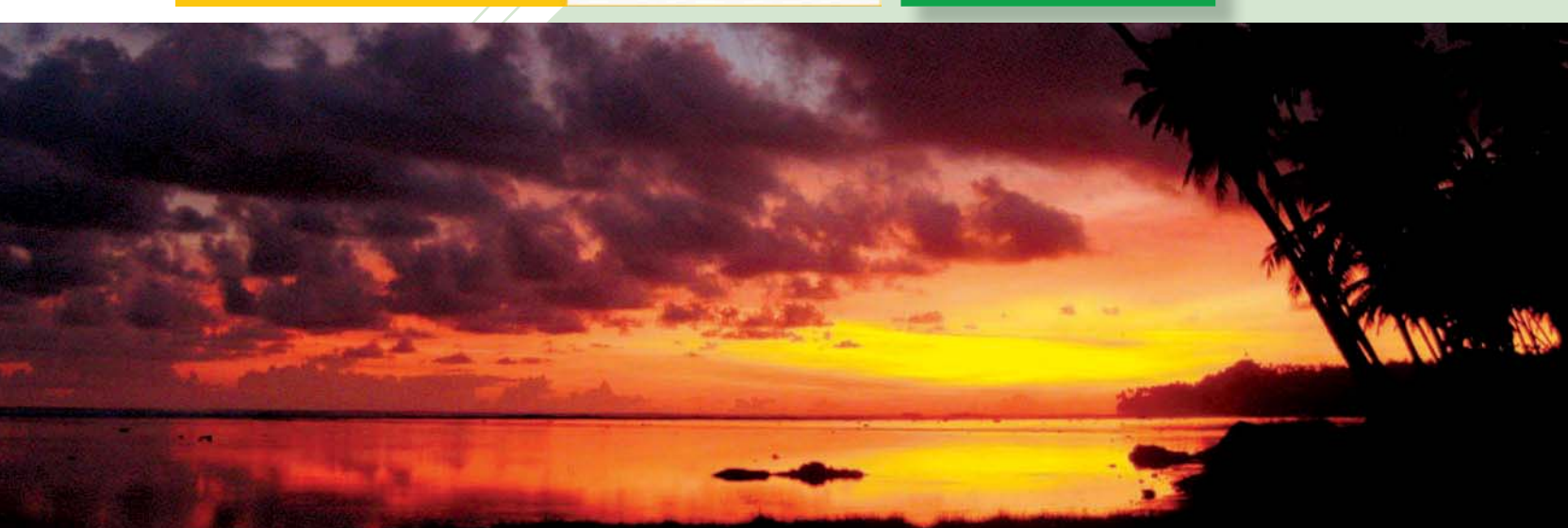
Significant progress has also been made in stakeholders' Knowledge, Attitudes and Behaviour (KAB) regarding the concept of sustainable tourism. What's more, the activities have indirectly led to improvements in KAB in pilot sites, stimulating local communities to conserve their cultural heritage and support the development of tourism. Intensive consultation meetings and discussions have helped to push the paradigm shift in the local tourism industry towards a sustainable, community-based, environmentally-friendly, cultural appropriate approach to tourism development. By this, the project is contributing significantly to the MAB Programme goals, i.e. providing context-specific opportunities to combine scientific knowledge and governance modalities to reduce biodiversity loss, improve livelihoods, enhance social, economic and cultural conditions for environmental sustainability, and thus contributing to the pursuit of the Millennium Development Goals, in particular MDG 7 on environmental sustainability.



Queen of Spain visits Nias Island, © ECO Unit

### Queen of Spain visits Nias Island

Her Majesty Queen Sofia of Spain, together with the Spanish Secretary of State for International Cooperation, Ms Leire Pajin visited Nias Island in February 2007. The visit was part of a trip to Indonesia to observe the progress of the recovery projects funded by the Government of Spain in Aceh and Nias after the 2004 tsunami and the 2005 earthquake.



## List of Activities

- **MAB Programme : Supported by UNESCO Jakarta and the Japanese Funds-in-Trust**
  - **The 7<sup>th</sup> UNU-INWEH and UNESCO International Training Course "Coastal Biodiversity in Mangrove Ecosystem", November 2007, Annamalai University, India**  
In collaboration with the United Nations University (UNU)-International Network on Water, Environment and Health (INWEH) and the Annamalai University programme in mangrove conservation and restoration through promotion of education, research and awareness-raising, the 7<sup>th</sup> UNU-INWEH and UNESCO International Training Course "Biodiversity in Mangrove Ecosystem" was organized from 12 to 26 November 2007 at the Centre of Advance Studies in Marine Biology, Annamalai University, Tamil Nadu, India.
  - **Agusan Marsh Scientific Conference, May 2007, Butuan City, Philippines**  
Mindanao State University in Naawan, Philippines organized the "Agusan Marsh Scientific Conference" in Butuan City, Philippines on 21-25 May 2007. The conference consolidated results of natural and social science studies of the Agusan Marsh and collected available scientific-socioeconomic-cultural information in preparing the nomination dossier to nominate the site as Wetland Biosphere Reserve and future World Heritage.
  - **National Workshop on Sacred Natural Sites in Indonesia, October 2007, Cibodas Biosphere Reserve, West Java, Indonesia**  
With the purpose of raising the awareness of policy makers and public regarding the roles of sacred sites, cultural landscapes and intangible heritage in management and sustainable use of biodiversity, the Indonesian National Committee for MAB Programme organized a national workshop titled "Sacred Natural Sites in Indonesia" in Cibodas, West Java, Indonesia, on 24-25 October 2007.
  - **Research and study for the second volume of the Philippines Mangrove Book**  
Southeast Asia Fisheries Development Center-Aquaculture Department (SEAFDEC-AQD), Philippines, carried out a research on mangrove in Philippines to produce a "Guidebook to Philippines Mangrove Associates" as the sequence of the "Handbook of the Mangroves in the Philippines – Panay" (Primavera et al., 2004). The book will be published in early 2008.
- **MAB Programme: Supported by UNESCO Jakarta**
  - **Training on Mangrove Rehabilitation and Plantation, Dili, Timor-Leste**  
A series of local training activities aiming to improve the knowledge on mangrove rehabilitation and plantation in Dili, Timor Leste, was organized by OISCA Timor Lorosae during July-August 2007. This activity is a follow up from the training received by five staff of the OISCA Timor Lorosae at the Mangrove Information Center, Bali, Indonesia in 2005.
  - **Community Based Integrated Waste Management Programme, Banjarsari, Jakarta, Indonesia**  
Banjarsari community in South Jakarta organized classes for children on environment education as the first step towards integrated waste management practice during June-September 2007. A total of 75 children participated and the activity including a performance by the children using recycled products as the stage properties.
- **Biosphere Reserves: studies and development**
  - **MAB Young Scientists Award 2007**  
Four young scientists from the Asia-Pacific region (P.R China, D.P.R Korea, Sri Lanka, and Thailand) received the MAB Young Scientists Award 2007. The Award supports young researchers to conduct interdisciplinary research on natural resources management, sustainable development, biodiversity and environmental conservation.



**- The 2<sup>nd</sup> PacMAB Meeting in Brisbane, Australia**

The second meeting of the Pacific MAB network (PacMAB) was held at the University of Queensland, Brisbane, Australia on 4-6 September 2007. The meeting was attended by the representatives from the four member countries: Federated States of Micronesia, Kiribati, Palau and Samoa. The meeting addressed the preparation for the PacMAB's participation in the 3<sup>rd</sup> World Congress of Biosphere Reserves in Madrid, Spain on 4-9 February 2008 and planning and elaboration of a workplan regarding the networks' future activities. The meeting was also supported by the Jeju Initiative fund from RO. Korea.

**- Ecotone-SeaBRnet 2007 Meeting, November 2007, Maolan Biosphere Reserve, Libo County, Guizhou Province, P. R. China**

UNESCO Office Jakarta, jointly with the Chinese National Committee for MAB Programme, organized the 3<sup>rd</sup> Workshop of the Ecotone Phase II and 5<sup>th</sup> Meeting of SeaBRnet (Ecotone-SeaBRnet 2007 Meeting) in parallel with the 9th Conference of the China Biosphere Reserves Network (CBRN), in Maolan Biosphere Reserve, Libo County, Guizhou Province, P. R. China. The theme of the meeting was focused on the "Cultural diversity: a foundation and source of wisdom for biodiversity conservation and sustainable development", which was manifested through the announcement of the "Maolan Declaration".

**- Assisting Local Community and Government in the Sustainable Development Scheme in Siberut Biosphere Reserve, Indonesia**

Perkumpulan Siberut Hijau (PASIH), have organized a series of activities in South Siberut, West Sumatera Province since December 2007. These include socialization of laws and regulations regarding natural resources and development in communities, meetings between communities and local government on natural resource management and development schemes, workshop on formulation of policies regarding sustainable natural resources management.

**- Workshop on Network of Biosphere Reserves, Heritage Sites and Geoparks, Vietnam**

The Vietnam National Commission for UNESCO organized the National Workshop on Network of World Biosphere Reserve, Heritage Sites and Geoparks: Learning Laboratories for Sustainable Development in Vietnam, in Cat Ba Biosphere Reserve, Hai Phong, Vietnam, on 9-11 August 2007.

**- Studies on potential Biosphere Reserve sites in Malaysia**

**1. Tasik Chini**

The study was carried out by the Tasik Chini Research Centre, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, Bangi, Selangor, Malaysia. The site's potential as Biosphere Reserves has been presented at a number of MAB regional workshops since 2003. Tasik Chini Research Centre has undertaken an inventory of all existing information relating to the ecology, hydrology, land use, socio-economy, zonation and boundaries of the Tasik Chini as a potential Biosphere Reserve. The activity included the establishment of a Biosphere Reserve management committee which consists of a small expert group composed of representatives of government departments (at national and local level), NGO's, universities and other relevant stakeholders.

**2. Kinabatangan, Sabah**

Hutan-Kinabatangan Orang-Utan Conservation Project (Hutan) has implemented a series of research and study on Kinabatangan in Sabah as a potential biosphere reserve (BR). These include collection and compilation of data required for the nomination, consultation meetings with potential BR stakeholders, liaison and collaboration with the Malaysian National Commission for UNESCO and the Malaysian MAB National Committee.



Traditional coloring method for fabrics - showcase of a linkage between culture and nature, Maolan Biosphere Reserve, P.R. China © ECO unit

- **Natural World Heritage**

- **Post-tsunami Assistance for Gunung Leuser National Park, Tropical Rainforest Heritage of Sumatra, Indonesia**

Within the framework of the project "Mitigation of post-tsunami environmental threats on Gunung Leuser National Park (GLNP) and adjacent conservation areas" supported by the Spanish Ministry of Environment, UNESCO in partnership with GLNP have implemented several activities with the overall objective to protect the ecosystem of Leuser from illegal logging, encroachment, etc. The project comprises a wide variety of activities ranging from the provision of adequate infrastructure and equipment, training on effective law enforcement and capacity building among the national park staff to environmental awareness campaigns.

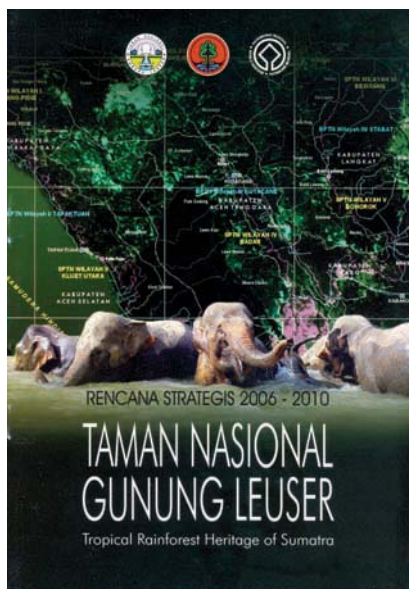


- **Disaster Risk Reduction**

Following up the project on Strengthening Community Based Disaster Preparedness in Indonesia supported by the UN/ISDR (United Nations International Strategy for Disaster Reduction), UNESCO Office, Jakarta, and KOGAMI (Komunitas Siaga Tsunami) have continued its activity on community-based disaster preparedness (CBDP) in Padang, West Sumatra, Indonesia. KOGAMI has carried out a preliminary risks assessment in pilot schools, implementation of Standard Operating Procedures in pilot schools, coordination workshop for NGO representatives in West Sumatra, as well as production and distribution of education materials, in order to strengthen the capacities of the local communities to take an active role in disaster risk management.



School disaster preparedness training in Padang, West Sumatra  
© ECO unit



The visit of Spanish Minister of Environment, Ms. Cristina Narbona, to GLNP © ECO Unit

A full-page background image of a scuba diver in a dark wetsuit and mask, swimming over a vibrant coral reef. The water is clear and blue. A semi-transparent grey banner is at the top, and a dark blue vertical bar is on the left. Two thin white diagonal lines cross the image from the bottom left towards the top right.

# COASTAL REGIONS AND SMALL ISLANDS



Earthquake Impact © Dandi Prasetya

## Rural Schools as Training and Resource Centres for Community-Based Disaster Risk Management

During 2006 and 2007 nine schools in three villages in South Nias—Bawömataluo, Lagundri and Telukdalam—participated in a UNESCO-initiated disaster risk reduction programme. As a member of the Indonesian UN Technical Working Group on Disaster Risk Reduction, and under a United Nations Joint Programming (UNJP) initiative, the UNESCO-CSI platform aimed to combine expertise from UNESCO's four main programs—Education, Science, Culture and Communication—in order to strengthen the skills needed for successful community-based disaster risk management. While CSI focused in 2005 and 2006 on supporting the development of national standards in community-based disaster risk management, it chose in 2007 to test and adapt the resulting manuals and modules in the field.

Working with MPBI (the Indonesian Society for Disaster Preparedness), the Sumatran NGO Elsaka and the Centre for Disaster Research and Management at Gadjah Mada University in Yogyakarta, UNESCO aimed not only to educate school children about natural disasters, but more importantly to empower rural schools to become training and resource centres for community-based disaster risk management. CSI and its local partners initiated community meetings, workshops, trainings, anthropological assessments, disaster simulations and school road shows, and disseminated information materials in form of manuals, comics and newspaper inlays.

Since UNESCO and its facilitators were operating on Nias for a limited period, they carefully selected 19 individuals, most of them teachers and informal leaders from the three villages, and strengthened their skills to become community facilitators for disaster preparedness in the medium and long term. Part of their training was e.g. also the preparation and facilitation of the community-based tsunami simulation exercise mentioned in the brief related glimpse in the first pages of this annual report.

Exploring new ways to share the local experience with communities all over Indonesia, the stakeholders contributed to a video documentary on the entire process, hoping that it may be useful for villages, local governments and NGOs, who want to strengthen the resilience of local communities to natural disasters in other areas in Indonesia.

Besides its disaster risk reduction activities, the CSI Unit worked with stakeholders on marine and coastal natural World Heritage nomination and conservation, particularly the Marine Megadiversity of Indonesia nomination, which is still under preparation. The unit also contributed to capacity-building for coastal resource assessment and integrated coastal zone management, carried out a marine survey in West Sumatra in cooperation with the Ministry of Marine Affairs and Fisheries, invited stakeholders to a seminar on the detection and mitigation of coastal erosion and supported the development of a national network for coral reef and marine protected area monitoring.



Community Facilitator  
ToT in Nias  
© Jan H. Steffen



Traditional  
architecture with  
higher earthquake  
resistance  
© Dandi Prasetya

## List of Activities

- **Disaster Risk Reduction**

- **Nias Community-Based Disaster Risk Management (CBDRM ) Program**

Within the framework of the UNDP Aceh-Nias Emergency Response and Transitional Recovery (ERTR) Program, UNESCO's CSI Unit has been focusing over a one-year period from mid 2006 to mid 2007 on strengthening human resources in disaster risk reduction. The project aims to empower selected local community members and school teachers to take leadership in participatory, village-based disaster mitigation and management and to jointly develop a locally appropriate disaster risk reduction framework, including local and indigenous knowledge on disaster preparedness in South Nias. A participatory DRR Workshop on district level was held from 2 to 4 April 2007 in South-Nias. Community-facilitators initiated and led Tsunami simulation exercises, which were held from 25 to 28 April 2007. The project produced a documentary on community-based disaster risk reduction in early 2007 and launched it at the 3<sup>rd</sup> National Community-Based Disaster Risk Management Symposium from 12 to 13 June 2007. The project compiled an anthropological report on disaster risk awareness and behavioral changes related to disaster risk reduction training activities.

- **Community-Based Disaster Risk Reduction Webportal**

Collaborating with different stakeholder institutions under the Indonesian consortium for community-based disaster risk reduction, UNESCO funded and supported a comprehensive open-access web portal ([www.cbdrm-indonesia.net](http://www.cbdrm-indonesia.net)) providing flexibly inter-sectoral data concerning case studies, methodology, available resources and ongoing programs on CBDRM in Indonesia. The portal provides an interface, which allows each agency, university or NGO to update provided information independently and easily, without relying on specific knowledge in web design.

- **UN Technical Working Group on Disaster Risk Reduction**

As part of CSI's active participation in the UN Technical Working Group On Disaster Risk Reduction (UN TWG DRR), CSI staff facilitated the preparation and implementation of the inter-agency convergence workshop in 2007 and contributed to several joint programming activities over the year.

- **Marine Science, Environment and Development of Coastal Regions and Small Islands - Capacity-Building for Coastal Resource Assessment and ICZM**

- **Coastal Erosion Seminar**

A seminar on detection, impact and effective mitigation of coastal erosion was held in May 2007 in Jakarta. Dr. Gillian Cambers presented a keynote paper on coastal erosion patterns and causes in general and the impact of the UNESCO-initiated Sandwatch Program in the Caribbean.

- **Marine Science Training Course Support and Internship-Award**

Over the last six years more than 90 students have followed the innovative and regionally unique curriculum of the 3-month intensive 'Marine Science Special Training Course' (MST) at the Fisheries and Marine Science Faculty at Bogor Institute of Agriculture (IPB). Supported by the German Academic Exchange Service (DAAD), the MST has attracted not only local students in their last year before graduation also lecturers and students from other Indonesian universities. Course components are presented by more than 20 lecturers, mainly from IPB and BIOTROP Bogor. UNESCO-CSI staff supported the course in 2007 by lecturing on coral reef resource management issues and aspects of collaborative marine resource management.



Coastal erosion endangering coastal infrastructure in Nias  
© Jan H. Steffen



- **Marine World Heritage**

Throughout 2007 UNESCO-CSI has been supporting the Indonesian National Working Group On Marine World Heritage under the coordination of the Ministry for Environment. The working group continued its collaboration with representatives of six sites proposed for a serial marine world heritage nomination: Derawan Islands, Bunaken MNP, Wakatobi MNP, Taka Bonerate MNP, Banda Islands, and the Raja Ampat archipelago. All stakeholders underlined their hope, that data collection, capacity-building, work on site-specific management plans and sustainable funding strategies as well as the institutionalization of a national advisory body for site management will lead to the establishment of a unique "Marine Megadiversity of Indonesia" Serial Marine World Heritage Site with a role model function for marine protected areas in Indonesia and the Asia Pacific region. In December 2007, UNESCO CSI staff attended and formally endorsed the launch of new visitor facilities in the Komodo National Park World Heritage Site.



New Komodo  
Visitor facility  
© Jan H. Steffen



Entrance of New  
Komodo Visitor  
facility  
© Jan H. Steffen

- **Contributing to National Monitoring Standards: The West-Sumatra Reef Resource Assessment**

In collaboration with the Ministry for Marine Affairs and Fisheries, the CSI unit adapted and tested marine monitoring protocols during a survey in West Sumatra from 11 to 16 November 2007. The collected data are being analyzed in comparison to older data sets to provide information on ecosystem changes over the last decade. Methodology and data formats were tested in support of the development of a set of standard monitoring protocols, which will contribute to a national coral reef status database. Following up on earlier activities to contribute to national standards for post-tsunami impact assessments, UNESCO CSI co-funded and supported in 2007 a national workshop on monitoring methodology in Sanur, Bali.

- **Jakarta Bay Webportal**

Collaborating with different stakeholder institutions, UNESCO continued with the extension of a comprehensive open-access web portal ([www.telukjakarta.net](http://www.telukjakarta.net)) providing inter-sectoral data concerning a range of ecosystems from Cibodas Biosphere Reserve to Jakarta Bay and the Seribu Islands. With financial support of Japanese Funds in Trust, the portal has been tailored to the varying needs of different stakeholders.



Flamboyant  
Cuttlefish in  
Bunaken MNP  
© Jan H. Steffen

- **E-Learning**

In cooperation with the Basic Science and the Engineering Science and Technology units and supported by Japanese Funds in Trust a program was initiated in 2007 to explore opportunities for the development and effective dissemination of e-learning modules through existing regional and national IT networks. CSI reviewed existing modules for marine resource and integrated coastal zone management in order to identify partners for adaptation and development of e-learning modules, which aim to address practitioners from government and civil society in addition to academic target groups.

## Climate Change

- **UNESCO Contribution to the United Nations Framework Convention on Climate Change Conference**

The official UNESCO side-event at the United Nations Climate Change Conference 2007 in Bali was facilitated in support of UNESCO's Task Force on Global Climate Change, which was founded in June 2007 under the direct authority of UNESCO's Director General. The task force initiated the UNESCO side-event aiming to socialize UNESCO's Strategy For Action On Global Climate Change, and to highlight the human dimension of climate change. Keynote presentations by P. Bernal (ADG-IOC), J. Hattingh and J. Timmons Roberts focused on UNESCO's current initiatives related to climate change, the global inequality in climate policy, and how a new approach to social and human sciences could help to use value-rational questions in order to address pressing global issues.



Plenum at Bali UNFCCC  
© Jan H. Steffen

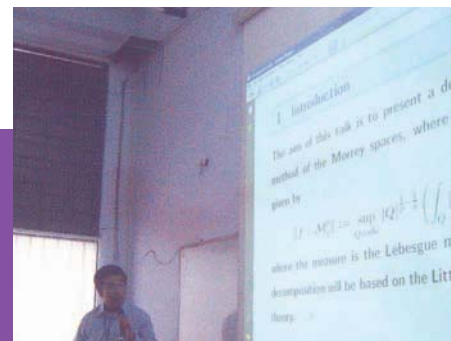


Panel speaker  
J. Hattingh at  
UNESCO side-event  
© Jan H. Steffen

# BASIC SCIENCES



Participant giving a presentation at the Southeast Asian Mathematical Society (SEAMS) – Gadjah Mada International Conference on Mathematics and its Applications, Yogyakarta, Indonesia  
© Gadjah Mada University



## Science Knowledge and Policy for Sustainable Development

UNESCO's overarching objective for science is to harness scientific knowledge and policy for sustainable development. To achieve this, UNESCO promotes capacity building in the basic sciences and mathematics, and the harnessing of their applications to address social and environmental problems, and for the development of science, technology and innovation policy.

Although the current regional challenges such as emerging infectious diseases, environmental pollution, natural disasters and climate change require multi-disciplinary intersectoral approaches, the basic sciences and mathematics form the core scientific skills essential for developing such multi-disciplinary expertise, and create the essential scientific underpinning for innovations that lead to economic benefits.

In view of the limited resources available for basic sciences, the strategy concentrates on promoting regional research and training networks and professional organizations in physics, chemistry, life sciences and mathematics, aiming to leverage the synergy of action by scientists and researchers. Through such networks, UNESCO fosters collaborative work and collective responsibility for upgrading capacity in basic sciences and mathematics in the region. It also promotes the development of a supportive science, technology and innovation policy framework that would link the efforts of research and education networks to the needs of industry and society in a manner that will ensure inclusive access and benefits to all sectors—not just the major industries and urban populations, but also groups such as rural communities, cultural minorities and women.

### Capacity building in basic sciences and mathematics

The main capacity building activities in basic sciences and mathematics take the form of support for the organization of regional meetings and conferences that will facilitate interactions and exchanges among scientists, researchers and science educators, and assisting the publication and distribution of journals to promote opportunities for scientists and researchers to publish their work and make the information available to a wider global audience.

An example of how this can work is the 'Active Learning in Physics Education' initiative. Active learning refers to the active engagement of students in class so that they can participate actively in the learning process. The students cease to be mere receivers of information, but instead, are given opportunities to observe, experiment, discuss and exchange ideas about physical phenomena. The instructor assumes the role of a facilitator and guide for the learning process, and is discouraged from adopting a 'teacher knows all' attitude.

Using an active learning approach in the teaching of physics at secondary and tertiary level has helped to overcome student misconceptions that physics is 'difficult'. On the contrary, through this approach, physics is perceived as a fun subject with great relevance and importance to their daily lives.

### Science, technology and innovation policy development

By providing technical expertise for science and technology assessments and policy reviews, developing information materials and learning resources such as case studies, disseminating information through print and electronic media, and fostering regional networking, UNESCO contributes to the creation and improvement of policy on science, technology and innovation. To highlight gender issues within science and technology, for example, UNESCO Office, Jakarta, in cooperation with the Indonesian Institute of Sciences (LIPI) hosts the Regional Secretariat for Gender Science and Technology (RESGEST), and promotes dialogue to improve the awareness and understanding of policy makers on this issue.



Participants at the International Conference on Biomathematics in Bandung, Indonesia  
© Institut Teknologi Bandung



Workshop to launch a piloting exercise and in-country adaptation of a pre-service teacher education manual for HIV and AIDS in Manila, attended by education officials, NGO representatives and invited experts  
© UNESCO National Commission of the Philippines

## List of Activities

- **Review and planning meetings of the Regional Networks**

- Board Meeting of the Southeast Asian Mathematical Society (SEAMS), 17 August 2007, Chulalongkorn University, Bangkok, Thailand
- General Assembly of the Asian Physics Education Network (ASPEN), 22-23 October 2007, Ateneo de Manila University, Quezon City, Philippines
- Coordinating Board Meeting of the Science and Technology Policy Asia Network (STEPAN), 4 December 2007, Ministry of Science, Technology and Innovation, Kuala Lumpur, Malaysia



STEPAN held Coordinating Board Meeting in Kuala Lumpur  
© MOSTI, Malaysia

- **Cooperation with ICSU at the regional level**

Workshop of the International Council of Science (ICSU) Regional Office for Asia and the Pacific (ROAP) Science Planning Group on Hazards and Disasters, 4-5 June 2007, Kuala Lumpur, Malaysia. Support for this activity was provided in the context of the UNESCO-ICSU Framework Agreement for Cooperation.

- **Capacity building activities in basic sciences, mathematics and applications**

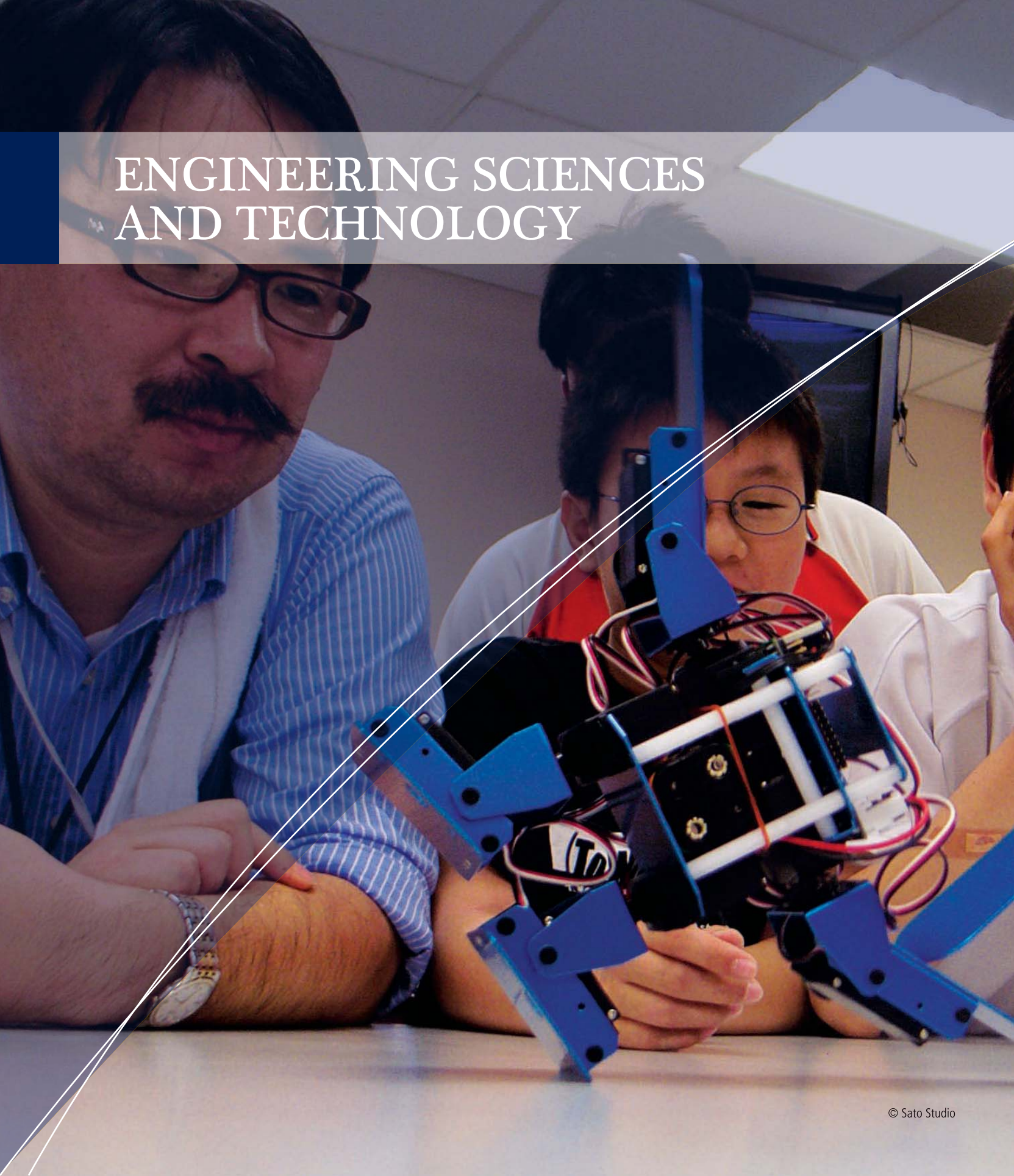
Support was provided for research projects, scientific exchanges, conferences, training workshops and similar activities:

- International Conference of Biomathematics, 27-29 August 2007, Institut Teknologi Bandung (ITB), Bandung, Indonesia
- Workshop on Bioinformatics, 20-31 August 2007, Center of Molecular Biotechnology, Vietnam National University, Hanoi, Vietnam
- 5<sup>th</sup> International Conference on Mathematics and Its Applications, Yogyakarta, Indonesia, and Workshop on Discrete Mathematics and Coding Theory, 17-27 July 2007, Gadjah Mada University, Yogyakarta, Indonesia
- UNESCO Post-Graduate Inter-University Course in Biotechnology, October 2006 – September 2007, Mahidol University, Bangkok, Thailand and International Center for Biotechnology, Osaka University, Osaka, Japan
- Tokyo Tech-UNESCO Research Course for the Environment, October 2006 – September 2007, Tokyo Institute of Technology, Tokyo, Japan
- 12<sup>th</sup> Asian Chemical Congress, 'Chemistry for Development, Environment and Sustainability in Asia, 23-25 August 2007, Institut Kimia Malaysia, Kuala Lumpur, Malaysia
- ASPEN Active Learning Workshop on the Teaching of Introductory Physics, 24-26 October 2007, Ateneo de Manila University, Quezon City, Philippines
- Asia Pacific Regional Workshop on Science and Technology Park Development, 3-5 September 2007, Ministry of Research and Technology and Indonesian National Commission for UNESCO, Jakarta, Indonesia
- 2007 South Asia and South East Asia Forum, 'Capacity Building in Science and Technology, Policy Perspective, Challenges and Opportunities,' 27-29 November 2007, National Institute for Science and Technology Development Studies (NISTADS), New Delhi, India
- Research project, 'Scientific Careers and Networks in the Asian Region,' University of Western Sydney, Sydney, Australia

Prof. Hubert J. Gijzen, Director of the UNESCO Jakarta Office, delivering the inaugural lecture at the UNESCO Inter-university Postgraduate Course in Biotechnology, Mahidol University, Thailand  
© Osaka University International Center for Biotechnology



# ENGINEERING SCIENCES AND TECHNOLOGY



e-Learning shooting of Self-Sustainable Village  
© Alia Febriana



## UNESCO e-Learning in Asia Pacific

In the Asia-Pacific region, levels of economic development, science and technology capabilities vary widely. This, in turn, provides a great diversity of experiences and resources. To ensure the development of economies and human resources in the region, we need to enhance the tools to mobilize resources for engineering sciences and technology, and strengthen regional collaboration, focusing on areas of particular need and interest in the beneficiary countries.

In 2007, UNESCO launched the pilot project of the e-Learning Programme in collaboration with the School on Internet Asia Project, led by Keio University in Japan, which involves 27 universities and research institutes in 13 Asian countries. The programme provides courses interactively by taking advantage of open source learning management systems and using an archive website system as a means of collecting course materials for those who are unable to join in the live broadcast.

During the year, three courses on renewable energy (Bio-energy for achieving the MDGs in Asia, Renewable Energy Policy and Planning for Sustainable Development, and Solar Solutions for Energy-Wise Communities in Asia) were broadcast to participants in a number of Asian countries, including Bangladesh, Nepal, Cambodia, Myanmar and Indonesia. The course materials were developed in collaboration with renowned universities and research institutes in the region: the Asian Institute of Technology in Bangkok, Bangladesh University of Engineering and Technology in Dhaka, UNESCAP in Bangkok and UNCAPSA in Bogor, Indonesia.



e-Learning Bioenergy for achieving the MDGs in Asia with  
UNCAPSA's Dr. Robin Bourgeois © Lars Lofgren

Over 100 students took part, and 55 of them received the UNESCO Certificate of Completion. The top three students were invited to give a presentation to the World Renewable Energy Regional Congress and Exhibition 2007 in Jakarta.

After the successful outcome of the e-learning project on renewable energy, UNESCO is now planning to expand into other modules such as Innovation and Technology Management (Technology Transfer, Innovation Policy of Grassroots Technologies) and Human Security (Renewable Energy, Coastal Resource Management and HIV/AIDS), utilizing its collaboration network of regional and international experts to create local content suitable for Asia and Pacific participants, and students anywhere in the world who are interested.

In support of the project, UNESCO developed a website to disseminate information and announcements to participants and other audiences, and to serve as a portal for energy-related issues in Asia and the Pacific. It can be accessed at: [www.energyforumasia.org](http://www.energyforumasia.org).

Kushal Gurung (Nepal) and Myat Myo Aung (Myanmar) receiving their certificates from UNESCO Jakarta Director, Hubert Gijzen  
© Eva Mia Siska



Background: Panels for a solar furnace in Uzbekistan © Masami Nakata

## Road to the 2<sup>nd</sup> Science & Technolog Camp in Cambodia

At the end of 2006, UNESCO and the Government of Brunei held the first ever Robot Camp for Children in Southeast Asia. The camp aimed to encourage a hands-on or active learning approach to teaching science, while showing that science can be exciting and fun.

In 2007 UNESCO Office, Jakarta started organising the second camp, which will be held in Cambodia in collaboration with the Ministry of Education, Youth and Sports, the Institute of Technology Cambodia and UNESCO Office, Phnom Penh. Cambodia lost a whole generation of scientists and engineers during the Khmer Rouge era, and since then the country has been struggling to make up for this huge loss. Through activities such as Robot Camp, UNESCO and Cambodia are working together to nurture a new generation of scientifically and technically aware people.

## List of EST Activities

- **e-Learning Programme**

May 2007: The e-Learning Programme was launched, in collaboration with 'School on Internet', in three universities in Indonesia, Cambodia, Laos, Vietnam, Thailand, Bangladesh, Myanmar, Nepal and Japan, UNESCAP in Bangkok and UNCAPSA in Bogor Indonesia.

- **[energyforumasia.org](http://energyforumasia.org) Portal**

This portal was created to host the virtual classroom platform, a discussion forum, a repository of archive material from previous e-learning initiatives and a Learning Management System.

- **Enhancing ICTs in Higher Education**

December 2007: UNESCO Jakarta began a collaboration with Indonesia's Department of Higher Education and INHERENT (Indonesian Higher Education and Research Network) to enhance the role of ICTs in higher education.

- **Renewable Energy**

May – July 2007: Three e-learning courses on renewable energy were broadcast to the region. Course materials were developed in collaboration with the Asian Institute of Technology, Bangkok; Bangladesh University of Engineering and Technology, Dhaka; UNESCAP; and UNCAPSA.



- **Robot camp on DVD and the Web**

The first Science and Technology Camp for Children was filmed and documented in DVD format for distribution to donors, National Commissions and the General Conference to raise awareness about the importance of getting children interested in science, technology and engineering. The Robotcamp website was created at [www.robotcamp.org](http://www.robotcamp.org).

- **Preparation for the 2<sup>nd</sup> Science and Technology Camp**

Following the success of the first Science & Technology Camp, held in collaboration with National Commissions of Brunei, Malaysia and Japan at the end of 2006, EST has been working with the Phnom Penh Office and Cambodia's Ministry of Education, Youth and Sports to prepare for the 2<sup>nd</sup> Science & Technology Camp in Cambodia in 2008.

- **International Exhibition for Young Inventors**

November 2007: The exhibition was organized by the Indonesian Institute of Sciences (LIPI) and partially funded by the EST Unit.

- **UNESCO Chairs**

Under the UNISPAR (University-Industry-Science Partnership) Programme, EST maintained four industry-sponsored UNESCO Chairs at leading universities in Thailand, the Philippines, Vietnam and China in 2007:

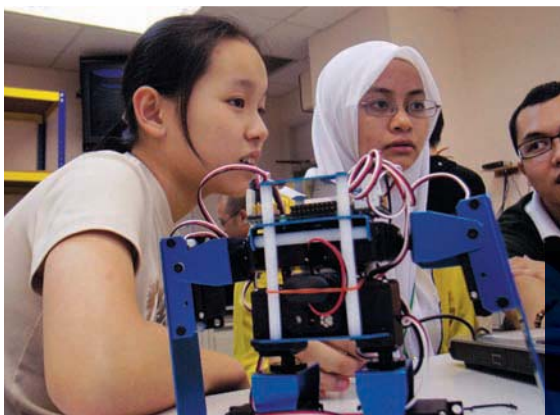
- Mitsubishi Heavy Industry UNESCO Chair: Hanoi University of Technology, Clean Coal Technologies
- Toyota Corporation UNESCO Chairs in Environmental Management: Nankai University, China - Environmental Management; Prince of Songkhla University, Thailand - Environmental Management; University of the Philippines, Los Baños - Children's Environmental Education at the School of Environmental Science and Management

- **Workshops and Seminars**

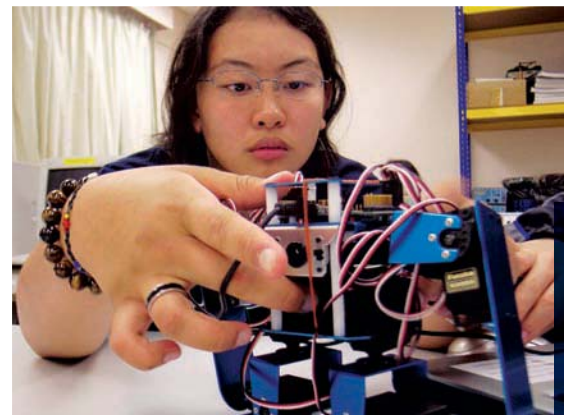
- Asian Science & Technology Seminar on Bioenergy, Jakarta, March 2007: Co-organized by Japan Science and Technology Agency, BPPT and UNESCO, the seminar addressed the socio-economic impacts of bioenergy and biofuel in particular
- World Renewable Energy Regional Congress & Exhibition 2007, November, 2007
- Determining Priority Directions, Strategy and Popularization of Solar Power Engineering Development in Central Asia, Tashkent, Uzbekistan, July 2007
- Ethics of Energy Technologies in Asia and the Pacific, September 2007



live class via  
Satellite and  
terrestrial  
Internet  
©Masami  
Nakata



Children from different  
nationalities work  
together in a team to  
develop the robot  
© Sato Studio



Fun and  
interactive  
learning activities  
as an alternative  
approach of  
science education  
© Sato Studio

# EARTH SCIENCE





Ornithopod Trackways © In Sung Paik

## Living with the Planet

UNESCO Office, Jakarta, through its Earth Science Programme, has been working for several decades to improve our understanding of the geological environment and the use of geological knowledge for sound environmental development. Two major components were developed to achieve this goal:

1. The International Geoscience Programme (IGCP), an international research effort on global geological problems, implemented through a network of national committees; and
2. The Southeast Asian Network for a Geological Information System (SANGIS).

### International Geoscience Programme (IGCP)

IGCP serves as a multinational platform for multidisciplinary geo-environmental researchers to exchange knowledge and methodology on a multitude of geological problems of global importance.

Through the joint efforts of UNESCO and IUGS (International Union of Geological Sciences), several thousand scientists in about 150 countries are currently participating in the IGCP forum. This is indeed the goal of this programme—bringing together scientists from different countries and disciplines to stimulate dialogue and facilitate communication among researchers all over the world.

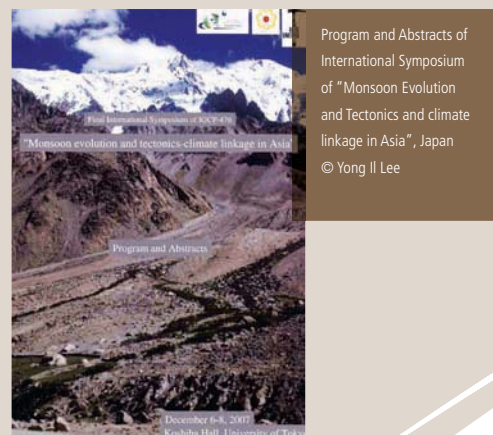
IGCP improves the interaction and networking between geo-hydro and environmental scientists in solving fundamental geoscientific problems relevant to sustainable development. In line with the medium-term plan and the strategic outlines in UNESCO's work plan and budget, IGCP is evolving from a programme that focuses on fundamental sciences to one that concentrates on applied geosciences, including mitigation of geo-hazards such as earthquakes, landslides and volcanic eruptions. IGCP is also becoming more interdisciplinary in nature, and cooperates very actively with the Water Science Unit to strengthen the principal priorities of UNESCO in the natural sciences.

Ornithopod trackways at Sado  
© In Sung Paik

## List of Activities

- **Monsoon Evolution and Tectonics and Climate Linkage in Asia: Fifth International Symposium and Workshop of IGCP Project No. 476**

Tokyo, Japan, December 2007: The Department of Earth and Planetary Science of the University of Tokyo organized the symposium, which was attended by 54 people from Japan, Korea, China, Taiwan, India, USA, UK and Austria. Four key time intervals have been identified, and it was suggested that a future project should focus on these four intervals to explore tectonics-climate linkages for individual cases.



- **Structural and Tectonic Correlation Across the Central Asia Orogenic Collage: Implications for Continental Growth and Intracontinental Deformation - 3<sup>rd</sup> Workshop of IGCP Project No. 480**

Beijing, China, August 2007: This workshop was followed by field excursions to Inner Mongolia. Participants agreed that both workshop and excursions had been very useful for learning about various aspects of the regional geology and tectonics of Inner Mongolia. Furthermore, Chinese and Polish geologists made a preliminary agreement on sedimentological studies of the Bainaimiao arc and neighbouring tectonic units.

Also under IGCP Project-480, Istanbul Teknik Universitesi organised the CERCAMS-9 Workshop on the Metallogeny of Central Eurasia from the Altaids to Uralides – research in progress.

- **Paleoclimates of the Cretaceous in Asia and their Global Correlation - 2<sup>nd</sup> International Symposium of IGCP Project No. 507**

Seoul, Republic of Korea, August 2007: Organized by the School of Earth and Environmental Sciences of Seoul National University, the meeting focused on research on the Cretaceous geology of Korea. Extensive studies on stratigraphy and paleontology have been carried out during the last three decades, resulting in the establishment of basin tectonics and architecture, which has significantly advanced the sedimentological, paleontological and paleoclimatological information in all the Cretaceous deposits in South Korea. A total of 75 people participated in the Symposium, seven of them supported by UNESCO.

- **Geological Anatomy of East and South Asia: Paleogeography and Palaeoenvironment in Eastern Tethys - 3<sup>rd</sup> International Symposium of IGCP Project No. 516**

New Delhi, India, October 2007: Thirty participants from twelve countries including Japan, Korea, the Philippines, Thailand, USA, UK, Poland, Iran, Jordan, Pakistan, Mongolia and India attended this two-day technical session.

- **Meeting on Middle Palaeozoic Vertebrate Biogeography, Palaeogeography and Climate (IGCP Project No. 491)**

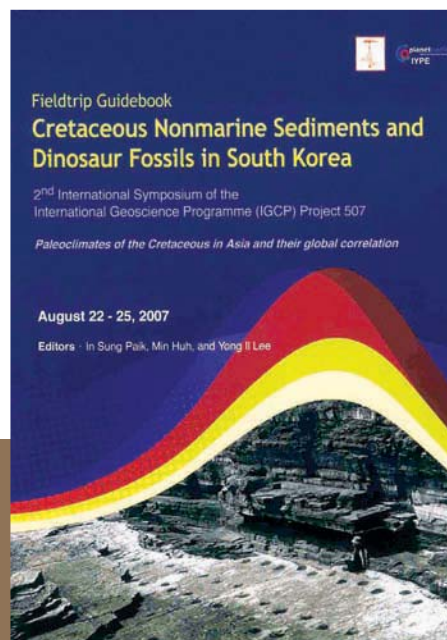
Uppsala, Sweden, August 2007: Organised by the Chinese Academy of Sciences and UNESCO Office, Jakarta, and attended by over 100 participants from 18 countries, the meeting focused on the early evolution and palaeontology of the vertebrata. The new research data presented from widely separated regions were subject to vigorous comment and discussion. Important advances related to early vertebrates in the Middle Palaeozoic have been made over the past year, although some controversial findings are still under debate.

- **Rapid Environmental/Climate Change in the Cretaceous Greenhouse World: Ocean-Land Interactions – 1<sup>st</sup> Workshop of IGCP Project No. 555**

Daqing, China, August 2007: Organised by the University of Geosciences, Res. Centre for Tibetan Plateau - Beijing and UNESCO's Jakarta Office, the three-day workshop was an opportunity to discuss a range of current topics including Cretaceous continental environments, Cretaceous biotic evolution, Cretaceous palaeoclimatology and palaeoceanography, Cretaceous oceanic anoxic events, and Cretaceous oceanic red beds. The workshop was attended by 70 participants from 12 countries.

- **Support for the Establishment of the Indonesian National Earthquake and Tsunami Early Warning System**

The Earth Science Unit supported Indonesia's Agency for Meteorology and Geophysics (BMG) in site surveys, the construction of seismic vaults and the installation of broadband instruments (seismometers). The seismometers were installed in Denpasar, Bangka Belitung, Kendari, Jambi, Ambon, Manna, Kotabumi, Lhoksemawe, Tual, Saumlaki and Ternate. Support was also provided for BMG officials to attend various trainings organised by the Pacific Tsunami Warning Centre, the Japan Meteorological Agency and USGS. Maps of disaster-prone areas have already been compiled and the seismic instruments are now being used as the technical component of the warning system.

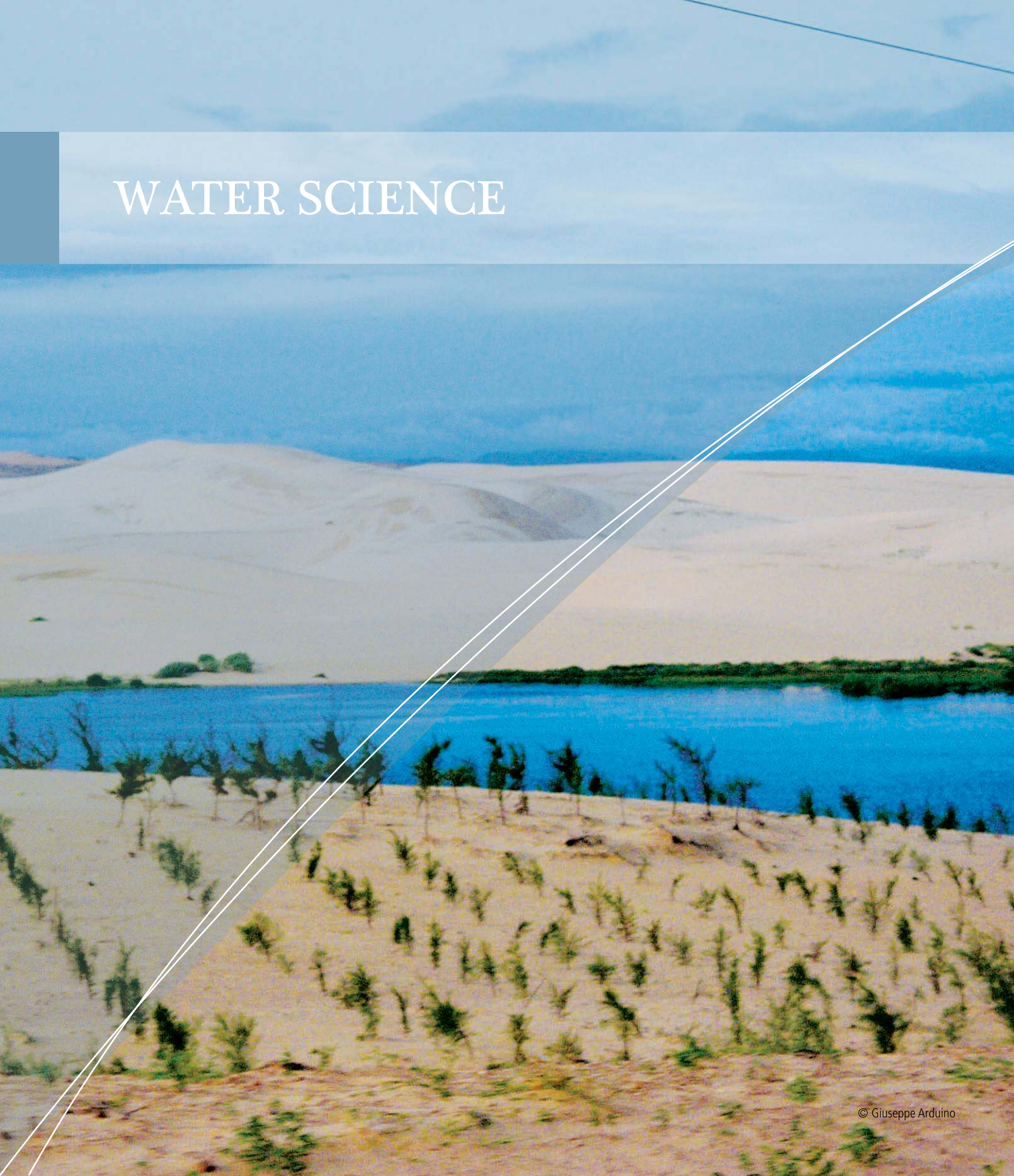


Field Trip Guidebook  
"Cretaceous Non-  
marine Sediments  
and Dinosaur Fossils  
in South Korea",  
2007 © Ryuji Tada



Site Survey in  
Banjar Negara,  
Central Java,  
Indonesia © BMG

# WATER SCIENCE



Ta Zon area, Binh Thuan Province, sampling groundwater from a well © Giuseppe Arduino



## Living with the Planet

As part of UNESCO's network of regional and sub-regional ("cluster") offices, UNESCO Office, Jakarta, through its Water Science Unit, is directly involved with the coordination of water resources activities in cooperation with our Headquarters in Paris and a large number of global and local partners.

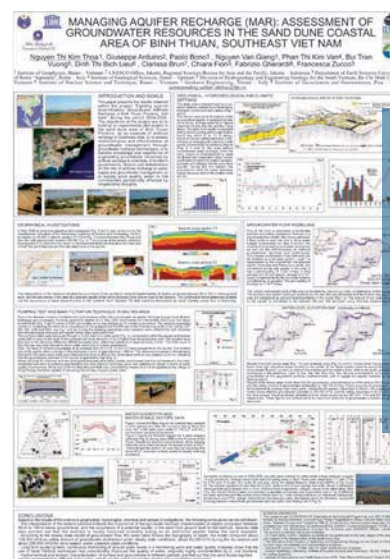
One of our main programmes is the International Hydrological Programme (IHP), UNESCO's intergovernmental scientific programme in water resources, which supports Member States in upgrading their knowledge in the field of hydrology. The programme aims at improving the scientific and technological basis for the development of appropriate methodologies for the management of water resources and the protection of the environment (please visit [www.unesco.org/water/ihp](http://www.unesco.org/water/ihp) for further information). Together with 16 IHP National Committees and UNESCO Water Centres in the Asia Pacific Region, the Water Science Unit of UNESCO Office, Jakarta, has been supporting projects, research activities, information sharing through cooperative networks and scientists, publications, workshops and training courses.

One of the most significant activities carried out during 2007 was the continuation of support to the Artificial Aquifer Recharge project in Hong Phong District, Binh Thuan Province, Viet Nam. Increasing groundwater extraction over recent years to meet rising demand for domestic supplies and irrigation in the area has raised concern for the long-term sustainability of this resource, and for local livelihoods. In some parts, human impact has changed the natural hydrological cycle and is threatening already scarce resources.

Binh Thuan Province, whose principal city is Phan Tiet, is located along the coastal plain in the lower part of Central East Viet Nam and extends for approximately 8,000 km<sup>2</sup>, and has a total population of one million. Massive desertification since 1975, due to both human impact and a 20% reduction in rainfall over the last 50 years, has led to considerable water shortage during the dry season in this area. To fight desertification, best practices on ecosystem rehabilitation as well as remediation techniques to restore aquifer systems and groundwater storage capacity are being developed in Hong Phong district, which is located about 25 km northeast of Phan Tiet. The project, which began in 2004, comprises three major components: research and investigation; the development of a pilot project to supply water for different uses; and capacity building through various international and local training courses/workshops and community involvement in order to sustain the project in the long run.

Following up the UNESCO-ITALY-VIETNAM Seminar on the evaluation of this project in November 2006, five main project activities were carried out in 2007: (a) continuing the monitoring of the groundwater system in Bac Binh; (b) continuing the meteorological observation of the two stations in Hong Phong and Bau Noi; (c) developing a hydrogeological investigation in the eastern and central parts of Bac Binh; (d) studying the hydrogeological relationship between sand dunes and Song Luy river, groundwater and surface water sampling through chemical and isotope analyses; and (e) drilling observation wells in the central part of the sand dune area.

Capacity building activities included the participation of Vietnamese scientists in international training courses and events, and training courses and seminars in Viet Nam. In 2007, our office provided support to enable three Vietnamese scientists to take part in the IUGG General Assembly in Perugia, Italy, in July. A poster on 'Managing Aquifer Recharge (MAR): Assessment of Groundwater Resources in the Sand Dune Coastal Area of Binh Thuan, Southeast Viet Nam,' was presented during one of the sessions. Three scientists from the MAR project team participated in a one-week field trip in central Italy, July 2007, organised by La Sapienza University in Rome. The field trip provided an opportunity to observe the main hydrostructures of central Italy and their groundwater occurrences, including very similar situations to the ones of the MAR project in Viet Nam.



Poster Managing Aquifer Recharge: assessing groundwater resources in the sand dune coastal area of Binh Thuan, Southeast Viet Nam

## List of Activities

- **UNESCO's Water-Related Category II Centres Meeting**

Bangkok, Thailand, 26 - 27 September 2007: UNESCO Office, Jakarta organised this meeting as part of an ongoing collaboration among Category II Water Centres. Representatives from the five established Water Centres and two new centres agreed on actions needed to develop a mechanism for cooperation between centres (and between the centres and UNESCO), including the identification of points of contact and the development of a joint roster of centre capacities (which will include a list of expertise, trainings and events) for dissemination to donors and other partners, and the identification of linkages and cooperative modalities between UNESCO field offices and centres. (For further information, please visit: [www.unesco.or.id](http://www.unesco.or.id)).

- **Hydrology Environment Life Policy (HELP) Southern Symposium**

South Africa, 4 - 9 November 2007: UNESCO Office, Jakarta contributed to the organisation of the symposium and supported the participation of the HELP Asia Pacific coordinator.

- **15<sup>th</sup> IHP Regional Steering Committee Meeting for the South-East Asia and the Pacific**

Manila, Philippines, 19 - 23 November 2007: Our office, through Japanese Funds-in-Trust, supported the meeting, which was held in conjunction with the International Conference on Hydrology and Water Resources Management for Hazard Reduction and Sustainable Development. The meeting was attended by 200 participants from 25 countries.



15<sup>th</sup> IHP Regional Steering Committee Meeting for the South-East Asia and the Pacific, Manila, Philippines  
© Leonardo Q. Liongson

- **17<sup>th</sup> IHP Nagoya Training Course, Numerical Prediction of High-Impact Weather Systems**

Nagoya, Japan 2 - 15 December 2007 : Through Japanese Funds-in-Trust, our office organised the course jointly with Nagoya University. The objective was to help participants towards a better understanding of these atmospheric phenomena, which occasionally have a catastrophic human impact, in order to be able to predict them and thus prevent or reduce disasters. The participants studied the characteristics and performance of the state-of-the-art numerical models such as regional and global cloud resolving models. One of the most important purposes of numerical models is the high-resolution simulation of high-impact weather systems to enable detailed study and accurate predictions.



The IHP Nagoya Forum, through which IHP Nagoya Training Course alumni maintain contact with UNESCO and the IHP community, launched a new web portal, which can be accessed at [www.ihpnagoyaforum.org](http://www.ihpnagoyaforum.org).

This web portal will serve as a communication platform for the alumni of the IHP Nagoya Training Courses, and as the repository for the lecture materials. UNESCO invites all alumni to take an active role in the development of this web portal.



- **Capacity Building for Flood Preparedness Project Bidara Cina, East Jakarta, Indonesia**

Achievements in 2007 included a local area flooding map and the publication and dissemination of the Practical Guide to Community Participation in Flood Management and Flood Mitigation.

- **Rainfall Station at UNESCO Office, Jakarta**

A simple rainfall station (manual pluviometer) has been operational at the Jakarta Office since February 2007. The parameters acquired by the station are precipitation in mm, temperature in °Celsius, electrical conductivity in  $\mu\text{S}/\text{cm}$ , total dissolved solids in  $\text{mg}/\text{l}$ , and pH. In addition to these parameters were obtained on daily events, monthly rainwater samples were taken for isotope analyses from February to November 2007. This station is also contributing to the HARIMAU Project (Hydrometeorological ARray for ISV-Monsoon AUtomonitoring) of the Japan EOS Promotion Program (JEPP), which is implemented by JAMSTEC (Japan Agency for Marine-Earth Science and Technology), and Indonesian partners BPPT (Agency for the Assessment and Application of Technology), BMG (Meteorology and Geophysics Agency) and LAPAN (National Institute of Aeronautics and Space).

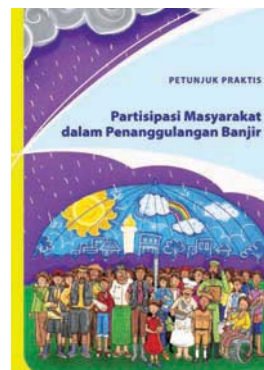
Since September, daily events have been collected for JAMSTEC, who perform stable isotope ( $^{18}\text{O}$  and  $^2\text{H}$ ) analyses on rainwater. Monthly samples are provided to BATAM (Indonesian National Nuclear Energy Agency), who are also interested in different rainwater sampling sites in Jakarta. The results will be available soon.

- **Collaboration with other field offices**

UNESCO Office, Jakarta collaborated with the Apia Office on the Niue Groundwater Resource Monitoring and Management Programme, with the Almaty and Beijing Offices on organising the International Groundwater Modelling for Arid and Semiarid Areas (Global Network on Water and Development Information - G-WADI) in China in August, and with the Tehran Office on organising the International Conference on the Regulation of Water Resources and Nature Protection, held in Turkmenistan in December 2007.



Flooding map of RW 07, Bidara Cina, Jakarta  
© Bidara Cina Community



# Tsunami Early Warning System (TEWS) Jakarta Tsunami Information Centre (JTIC)



The Coordinator overseeing the establishment of the  
Jakarta Tsunami Information Centre (JTIC)  
© Ardito M. Kodijat



## Building Tsunami Awareness

UNESCO/IOC is coordinating the development of a Tsunami Early Warning System in the Indian Ocean (IOTEWS) as well as establishing a Tsunami Team in Paris. A special coordinator has been installed at UNESCO Office, Jakarta to coordinate activities in Indonesia and the region.

This includes coordinating the actions of the Indonesian government and agencies as well as the activities of the various international donors who are contributing to the IOTEWS in Indonesia.

One of the coordinator's key responsibilities is to organize communication—including meetings—to ensure that the 14 Indonesian institutions involved, as well as international donors such as Germany, USA, Japan and China (among others), are contributing in a coordinated way to build up the system in Indonesia and the region. The coordinator is also responsible in overseeing the establishment of the Jakarta Tsunami Information Centre (JTIC).

### Tsunami Information Centre

Working under the auspices of UNESCO-IOC (International Oceanographic Committee) and funded by the Canadian International Development Agency (CIDA), the Jakarta Tsunami Information Centre (JTIC) is established to be the clearing house for information on the development of the Tsunami Early Warning System in Indonesia, and—through a website—a point for the dissemination of information on tsunami preparedness. JTIC is striving to become a quality information centre, focusing specifically on tsunami hazards, by continually compiling information and data from verified sources.

A key activity in 2007 was the development of the Jakarta Tsunami Information Centre website, [www.jtic.org](http://www.jtic.org). The website can be accessed in two languages (English and Indonesian) and hosts a range of quality materials in the form of books, booklets, leaflets, posters, newsletter, articles on tsunamis. It is anticipated that these resources will, in turn, be a useful reference for decision makers and other stakeholders involved in the development of the Tsunami Early Warning System in Indonesia (Ina TEWS) and in educating the public about tsunamis. This endeavour has been made possible through the cooperation between JTIC and various national and international parties who have shared their activities and programme information on the management of tsunami mitigation (upstream and downstream).

The website also features guidelines and practical information on how people can be prepared for a tsunami event and what to do when a tsunami strikes; a tsunami glossary; the 'Tsunami Teacher'; educational materials; visual examples of tsunami drills and simulations.

One of the key features on the JTIC website is a Discussion Forum in which the general public and experts can come together to discuss and contribute materials on tsunami-related issues. It is expected that through this forum, the public will be able to enrich the discourse on the management of tsunami mitigation by contributing innovative ideas and recommendations. As a starting point, the Discussion Forum already has eight threads in place: (1) Capacity Building, (2) Community Preparedness, (3) National SOP, (4) Local SOP, (5) Seismic Monitoring, (6) Oceanographic Monitoring, (7) Tsunami Modelling, and (8) Communication Systems. These threads have been created to galvanize discussion on a range of critical topics within the Forum.

While the website is an important step forward, JTIC recognizes that the potential for outreach via the internet is still limited in Indonesia. JTIC, in cooperation with the Indonesian Institute of Sciences, has therefore organised community preparedness programmes in Mukomuko District and North Bengkulu District, both of which lie along the west coast of Sumatra. This area was hit by earthquake



This area was hit by earthquake and non destructive tsunami on 12 September 2007 © Ardito M. Kodijat

and non destructive tsunami on 12 September 2007. Through 'Training of Motivators' sessions in both districts, 34 high school students were equipped with the knowledge and skills to act as change agents in disaster preparedness in their districts. These students will eventually lead coaching on disaster preparedness awareness for more than 7,000 students in elementary schools, junior high schools and senior high schools in the two districts.



As part of its public education initiative, JTIC has participated in various workshops and exhibitions, presenting information on the Tsunami Early Warning System and the role of JTIC, and distributing tsunami preparedness information through the 'Tsunami Kit'.

Children reading Tsunami Comic at a children  
NGO Library "Pusaka" in Telukdalam Nias Island  
© Ardito M. Kodijat

## List of Activities

- **Jakarta Tsunami Information Centre Website development**

Establish the JTIC website as information source on Tsunami Early Warning System and Tsunami Awareness and Preparedness. The website also becomes the depositories of various tsunami tools and awareness materials available from different verified sources.

- **Development and dissemination of Tsunami Tools**

The 'Tsunami Teacher' DVD-ROM, now available in Indonesian, provides comprehensive information aimed at various stakeholders including government, schools and the media.

- **Development of the 'Tsunami Information Kit' in Indonesian**

Currently includes, among other materials, a 'Tsunami Teacher' DVD-ROM; Tsunami Glossary booklet; Tsunami Warning comic; 'What to do' flyers; tsunami stickers; and a tsunami poster.

- **Public Education and Community Preparedness**

In 2007, the activities focused on Bengkulu Province—a particularly vulnerable area that was hit by an earthquake and tsunami on 12 September 2007.

- **Development and dissemination of Tsunami Information Materials**

Revised and translated versions of the IOC's Tsunami Glossary and Tsunami Comic are now available on the JTIC website as well as in print copies.

- **Socialization and Promotion of Jakarta Tsunami Information Centre**

Workshops and exhibitions, including:

- 3<sup>rd</sup> and 4<sup>th</sup> Capacity Building workshops on the Development of Local SOPs for the Tsunami Early Warning System and Response, Jakarta, Indonesia
- 3<sup>rd</sup> National Symposium on Community-Based Disaster Risk Management, Jakarta, Indonesia
- 3<sup>rd</sup> Tsunami Task Force Meeting on Tsunami Early Warning in ASEAN, Bali, Indonesia
- Asia Pacific Regional Workshop on School Education and Disaster Risk Reduction in Bangkok, Thailand
- 3<sup>rd</sup> National Exhibition on Disaster Preparedness in Padang, West Sumatra, Indonesia
- International Workshop and Expo: 'Learning from the Recovery and Reconstruction of Banda Aceh and other Tsunami-Stricken Regions,' Banda Aceh, Indonesia
- National Tsunami Drill in Banten, Indonesia



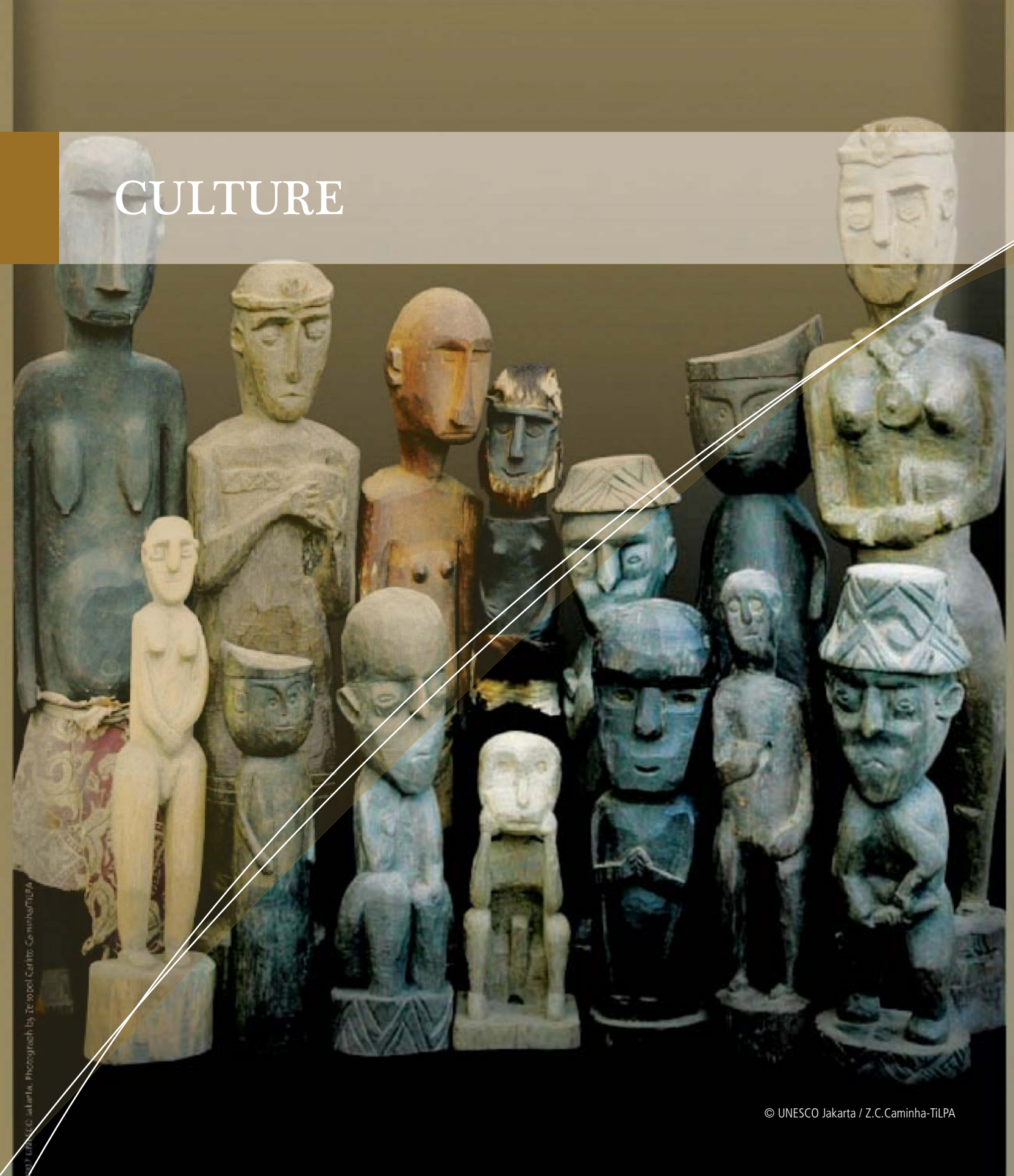


Children at Community Exhibition in Mukomuko listening to explanation of earthquake and Tsunami preparedness  
© UNESCO/IOC - JTIC/Ardito M. Kodijat

Participant of Training of Motivators in Mukomuko  
© Alan Jaelani-LIPI



# CULTURE



© 2017 UNESCO Jakarta. Photograph by Teófilo Carrizo Camacho/TILPA

Stone jumping, the ultimate symbol of Nias  
© UNESCO Jakarta/Feri Latief



## The Power of Culture

In 2007, the two major activities carried out by UNESCO Jakarta's Culture Unit were both connected to recovery and rehabilitation in the aftermath of three big natural disasters in Indonesia: the 2004 tsunami that hit Aceh and Nias in northern Sumatra, the earthquake that rocked Nias in 2005 and the 2006 earthquake in Central Java.

### Cultural Tourism for Sustainable Development in Nias Island, Indonesia

The Indian Ocean Tsunami on 26 December 2004 killed 30 people, left hundreds homeless and damaged 20 percent of the sub-districts on the island of Nias. Just three months later, on 28 March 2005, an earthquake killed more than 800 people, injured thousands and left 80 percent of the buildings damaged in Nias' two major cities, Gunung Sitoli and Telukdalam. In response to these natural disasters, a United Nations Joint Programme (UNJP) was launched in Nias under the framework of the UNDP Aceh-Nias Emergency Response and Transitional Recovery (ERTR) Programme. UNESCO Jakarta's part in the UNJP was a cultural tourism project, Support to Redevelopment of Tourism whilst Protecting the Cultural Heritage of Nias Island. Funded by UNDP, the project was implemented in close collaboration with the Ministry of Culture and Tourism of the Republic of Indonesia and BAMPER MADANI, a local NGO partner.

The project objective was to develop a planning framework for sustainable, long-term livelihood enhancement for the people of South Nias, based on the conservation, development and presentation of their cultural heritage resources.

The first phase of the project, from August to December 2006, included a UNESCO-ICOMOS (International Council on Monuments and Sites) cultural tourism assessment, followed by a cultural resources mapping exercise covering 17 villages, including 13 traditional settlements in Telukdalam Sub-district in South Nias. The data collected during the mapping exercise has become the basic reference for the printing of a cultural tourism map of Nias. The second phase, from January to June 2007, was focused on Bawömataluo Village in Telukdalam, South Nias. Various community level activities were implemented, including training in traditional handicrafts such as wood and stone carving, nipah weaving and gold and silver work; heritage education for school teachers and children; site interpreter/local guide training for youths; and carpentry training in structural restoration, preservation and conservation techniques for traditional structures.

Comprehensive photographic documentation of Nias' cultural heritage was carried out early in 2007. In May and June 2007, one hundred photographs featuring the outstanding vernacular architecture, traditional settlements, cultural/natural landscape, megaliths and traditional crafts of Nias were exhibited in a series of photo exhibitions in Medan, North Sumatra. In addition, promotional materials—a book, postcards, posters and calendars on the island's cultural heritage—were produced and distributed locally and internationally. A supplementary booklet on the cultural heritage of Nias was produced in collaboration with National Geographic Indonesia (NGI) and published in the June 2007 edition of NGI Magazine.

A major stakeholder meeting on Nias cultural heritage development was organized in Medan in May 2007, bringing together multilateral organizations, members of the academic and research communities, government and civil society. The UNESCO-ICOMOS cultural tourism recommendations were adopted by the Rehabilitation and Reconstruction Agency (BRR) in its Action Plan for 2007-2008. Following these recommendations, the Indonesian government has inscribed Nias on Indonesia's tentative list for World Heritage nomination.

The unique culture of Nias attracted the attention of Her Majesty Queen Sofia of Spain, who visited Bawömataluo village in February 2007. Bawömataluo, the UNESCO project site, is famous for its outstanding traditional settlement as well as the megalithic culture. Her Majesty was welcomed by the village women in a traditional ceremony in which a Bola-bola—a bag of betelnuts—is presented as a symbol of honor and friendship. Traditional stone dances known as Fatele and Maluaya were performed, as well as the stone jumping event, a unique physical exercise only found in South Nias. During the performance Her Majesty was seated on a majestic throne made entirely of stone and believed to be over 300 years old, which is situated in front of Omo Sebua, the King's house. The visit concluded with the viewing of handicrafts produced by the villagers who had taken part in the handicraft training organized under the UNESCO project. The villagers were delighted as Her Majesty hand-picked some of their products to bring back as souvenirs.



Queen Sofia in Bawomataluo Village © Martin

### Rehabilitation of the Prambanan World Heritage Compounds, Indonesia

In response to the May 2006 earthquake that struck Indonesia's island of Java and which caused extensive damage to the Prambanan World Heritage Compounds, UNESCO organized a Rapid Assessment Mission in June 2006. Following the mission, in July 2006 the UNESCO World Heritage Centre (WHC) provided International Emergency Assistance for the emergency measures to be taken at Prambanan. Funding was also contributed by the Kingdom of Saudi Arabia, through UNESCO Jakarta, for the rehabilitation efforts at Prambanan and Taman Sari Water Castle in the city of Yogyakarta. The main purpose of this assistance was to support the Indonesian authorities in developing an integrated action plan for long-term cultural heritage recovery work in both sites.

Following a national consultative meeting in November 2006, an international meeting of experts was organized in March 2007 bringing together more than 100 national and international experts from various fields including archaeology, architecture, civil engineering, geodetic engineering, geology and history. The experts were from India, Indonesia, Italy and Japan, while representatives from UNESCO WHC, ICOMOS Australia and the Global Heritage Fund also took part. Government representatives from China, India, Italy, Japan and the Kingdom of Saudi Arabia were also present during the meeting. After much discussion and a number of site inspections, the meeting produced an integrated action plan for the short, medium and long-term rehabilitation of the Prambanan World Heritage Compounds and Taman Sari Water Castle, which was finalized and endorsed by the national authorities in April 2007, and presented to the World Heritage Committee meeting at its annual meeting in Christchurch, New Zealand in June 2007.

The damages at Prambanan World Heritage Compounds  
© Ministry of Culture and Tourism of Indonesia



Participants of the international  
meeting © UNESCO Jakarta



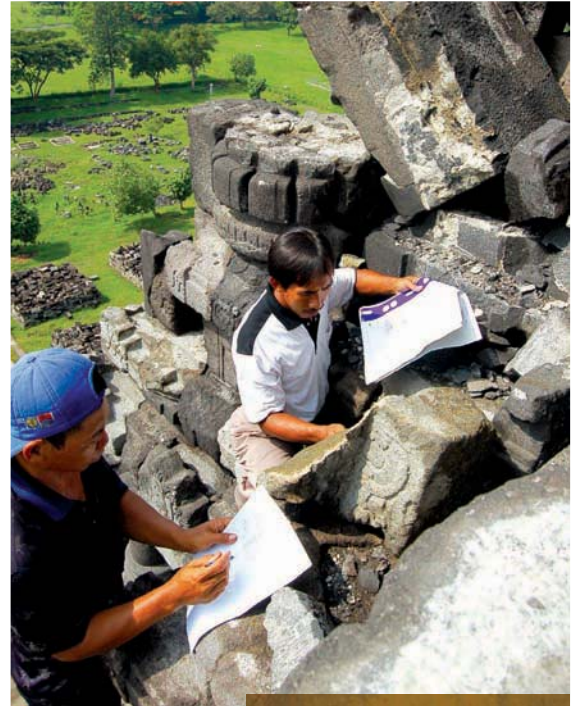


Prior to the international meeting of experts, the project supported two major interdisciplinary research programmes at Prambanan (including Lumbung and Sewu Temples) and Taman Sari. The aim was to identify the intensity of the earthquake damage and to provide technical recommendations for the long-term rehabilitation efforts. The research findings constituted the basis for discussions during the March meeting, particularly on the feasibility of the work and the rehabilitation strategy to be adopted.

A workshop was organized in collaboration with the Research Center for Disasters at Gadjah Mada University in Yogyakarta and the Ministry of Culture and Tourism, aimed at building the capacity of the experts and stakeholders in the fields of both cultural heritage conservation and disaster management. Some 30 participants from the various organizations directly involved in the management of the Prambanan World Heritage Compounds came up with a list of recommendations to mitigate the threats, using the framework of an overall risk management plan that was developed as part of the action plan for the rehabilitation of the Prambanan World Heritage Compounds.

Together with the Jogja Heritage Society, UNESCO developed a Homeowner's Conservation Manual specifically for Kotagede heritage district in Yogyakarta, which sustained severe damage in the earthquake. The manual was designed to raise awareness and strengthen local community involvement in heritage conservation practices, especially in the rehabilitation work following the earthquake. This manual is the fourth in a series of Heritage Homeowners' Manuals for UNESCO World Heritage Sites developed by UNESCO Bangkok in response to the growing need to ensure the sustainable conservation of historic towns of Outstanding Universal Value. The other manuals were produced for the World Heritage sites of the Kathmandu Valley (Nepal), Hoi An (Vietnam) and Vigan (the Philippines).

A number of informative public information brochures were produced during the one-year project period. Upon completion of the activity in August 2007, information panels were installed at Prambanan World Heritage Compounds to raise visitor awareness about the values of the site, the damage caused by the earthquake and the efforts of concerned stakeholders to rehabilitate this outstanding heritage



Research at Prambanan World Heritage Compounds  
© UNESCO Jakarta

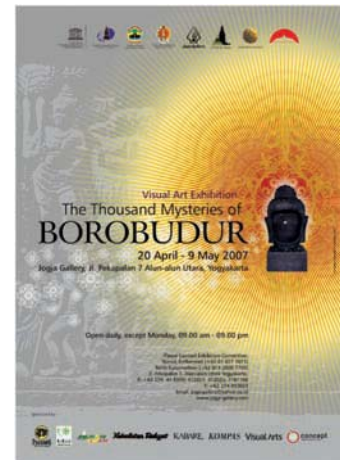


Information panel at the main  
entrance of Prambanan World  
Heritage Compounds  
© Himalchuli Gurung

## List of Activities

- **'The Thousand Mysteries of Borobudur'**

Yogyakarta, April-May 2007: This visual art exhibition organized by UNESCO Jakarta, the Ministry of Culture and Tourism of the Republic of Indonesia, PT Taman Wisata, the University of Gadjah Mada and Jogja Gallery, showcased the outstanding value of the Borobudur World Heritage site as a symbol of Indonesia's cultural diversity. Various educational side events included the first international symposium on Borobudur's cultural landscape, heritage education training for high school teachers, an essay competition for school children and field trips to the Borobudur World Heritage site for children and journalists.



- **Celebration of the World Day for Cultural Diversity**

Jakarta, May 2007: The Universal Declaration on Cultural Diversity poster was translated into Indonesian and launched during a national workshop organized by UNESCO Jakarta, the Indonesian National Commission for UNESCO and the Ministry of Culture and Tourism of the Republic of Indonesia to mark the World Day for Cultural Diversity. The posters were shared with the Ministry of Education and Culture of Timor-Leste.

- **A book, posters, postcards and calendars featuring the unique cultural heritage of Nias**

Medan, North Sumatra, Indonesia, May 2007: 'Megalithic Traditions in Nias Island,' first published in Indonesian by the Medan Archaeological Office in 2005, was translated and issued in both Indonesian and English by UNESCO Jakarta under the UNJP in Telukdalam Subdistrict, South Nias. A set of posters, postcards and calendars depicting 'Nias Island - The Living Megalithic Culture,' was launched at the same time. Organized by UNESCO Jakarta in collaboration with the University of North Sumatra, the Ministry of Culture and Tourism of the Republic of Indonesia, the Province of North Sumatra and UNDP Jakarta.

- **'Celebrating the Cultural Heritage of Nias Island'**

Medan, North Sumatra, Indonesia, May-June 2007: One hundred photographs featuring the outstanding cultural heritage of Nias were displayed at exhibitions held at the University of North Sumatra, North Sumatra Museum and Sun Plaza in Medan. Organized by UNESCO Jakarta in collaboration with Sumatra Heritage Trust, Museum Negeri Sumatera Utara, the Ministry of Culture and Tourism of the Republic of Indonesia and the Provincial Government of North Sumatra.

- **National Consultative Meeting on Underwater Cultural Heritage**

Bogor, West Java, Indonesia, June 2007: Representatives from 11 government agencies, UNESCO/HQs and ICOMOS International Committee for Underwater Cultural Heritage (ICUCH) shared their expertise and experiences on underwater heritage management.

- **Disaster Risk Management for Cultural Heritage**

Yogyakarta, Indonesia, July 2007: This week-long workshop for 30 participants who were directly involved in the management of the Prambanan World Heritage Compounds was organized by the Research Centre for Disasters at Gadjah Mada University, UNESCO Jakarta and the Ministry of Culture and Tourism of the Republic of Indonesia. The workshop was aimed at building the capacity of the experts and stakeholders both in the field of cultural heritage conservation and disaster management.



Participants of the training workshop  
© UNESCO Jakarta

- **Children's Book Launch**

Banda Aceh, Nanggroe Aceh Darussalam, Indonesia, July 2007: Six children's books based on Acehese folklore were developed by the Aceh Cultural Institute (ACI) and UNESCO Jakarta to enhance the character-building of Acehese students by redefining local history, culture and wisdom, and to raise awareness of the importance of cultural heritage education in sustainable development, especially in post-disaster situations. Following the launch by the Head of Aceh's Education Department, 2000 copies of each title were distributed to primary and secondary schools in Aceh.



Book launching  
in Aceh  
© Dwi Indrasari

- **'Asia Conserved' Book Launch**

Bangkok, Thailand, August 2007: *Asia Conserved: Lessons Learned from the UNESCO Asia-Pacific Heritage Awards for Culture Heritage Conservation 2000-2004* was published by the Office of the UNESCO Regional Advisor for Culture in Asia and the Pacific with support from the Lord Wilson Heritage Trust and contributions from UNESCO Beijing, UNESCO Islamabad, UNESCO Jakarta and UNESCO Phnom Penh. UNESCO Jakarta distributed some 50 copies of the book to local and international partners.

- **Annual Meeting of the Indonesian Heritage Trust**

Denpasar, Bali, Indonesia, August 2007: One hundred representatives from local and central government, members of the IHT and invited guests attended the opening ceremony at the Danes Gallery in Denpasar whereby UNESCO Jakarta gave presentation on the Nias cultural tourism project. In conjunction with the meeting, the Indonesian Heritage Trust organized a photo exhibition displaying the rich cultural heritage of Indonesia including the photographic documentation on Nias cultural heritage by UNESCO Jakarta and a workshop on Archipelago Heritage Trail.



Photo of Nias Island  
exhibited during the IHT  
Annual Meeting  
© Himalchuli Gurung

- **Technical Meeting on World Heritage Management**

Magelang, Central Java, Indonesia, September 2007: Twenty three officials from archaeological offices throughout Indonesia gathered to discuss the proper management of cultural world heritage sites. Organized jointly by the Borobudur Heritage Conservation Institute (BHCI), Directorate-General of History and Archaeology, PT Taman Wisata and UNESCO Jakarta, this was the first ever national technical meeting on world heritage management in Indonesia.

- **Stone Conservation at Borobudur**

Magelang, Central Java, September 2007: Facilitated by UNESCO Jakarta under a research programme for stone conservation in Borobudur, Italian stone expert Dr. Meucci undertook his second mission to this World Heritage site in September 2007 and shared the results of the stone analyses conducted in Rome since his last mission to the site in 2006.



National Seminar  
on Batik  
© Himalchuli Gurung

- **'Batik as a National Cultural Icon'**

Pekalongan, Central Java, Indonesia, September 2007: International Batik Week was inaugurated by the Vice-President of Indonesia on 1 September 2007 in Pekalongan. In conjunction with the event, the Indonesian Chamber of Commerce and Industry (Yayasan Kadin Indonesia) in cooperation with the Ministry of Culture and Tourism, the Indonesian Batik Foundation and Wastraprema Society organized this seminar whereby UNESCO Jakarta gave presentation on the 2003 Convention for the Safeguarding of the Intangible Cultural Heritage to more than 100 participants from government, non-government, textile and batik industries,



Batik making in  
Pekalongan  
© Himalchuli Gurung

private business sector, universities and research institutions, and the media.

- **National Action Plan to Safeguard Indonesia's Wayang Puppet Theatre, 2005-2007**

A 3-year project to preserve, revitalize, and promote this Masterpiece of Oral and Intangible Heritage of Humanity was successfully completed in December 2007 a collaboration between UNESCO Jakarta, SENAWANGI (the Indonesian National Wayang Secretariat), and Association of Indonesian Puppeteers (PEPADI).

- **UNESCO Museum-to-Museum Partnership Programme in Timor-Leste (2005-2007)**

The programme was launched in 2005 to provide technical assistance for identifying museum partners and establishing cooperation between museums. Three staff members from the Division of Culture of Timor-Leste participated in a 6-month training programme in museum management and operations under the AusAID Australian Leadership Awards (ALA) Fellowship Programme hosted by MAGNT in Darwin. Another 2 staff members from the Division of Culture were confirmed for scholarships under the AusAID ALA Fellowship Programme at the University of Melbourne in 2008.

- **Workshop on Traditional Textiles Conservation**

Kupang, East Nusa Tenggara, Indonesia, January 2007: The UPDT Museum in Kupang organized the workshop with trainers from the Museum and Art Gallery of the Northern Territory (MAGNT) Darwin, Australia. UNESCO Jakarta supported the participation of 4 staff members from the Division of Culture of the Ministry of Education and Culture of Timor-Leste.

- **'The Shadows of Prambanan'**

Yogyakarta, Indonesia, November-December 2007: This exhibition of photographs, paintings, statues, ceramics, textiles and publications as well as the rehabilitation work in the aftermath of the May 2006 earthquake was aimed at presenting the outstanding universal values of Prambanan World Heritage Compounds. Side events for students from nearby schools included an art competition, essay writing competitions, a workshop on heritage education and talk programmes. The exhibition was a collaborative effort by the Ministry of Culture and Tourism of the Republic of Indonesia, PT Taman Wisata, Jogja Gallery and UNESCO Jakarta office.



Training on the importance of database collection at the MAGNT in Darwin, Australia  
© Joanna Barrkman



Training on the conservation technique of traditional textiles in Kupang, Indonesia  
© Manuel Smith



© Himalchuli Gurung

- **Photographic Documentation of the Timorese collection of Traditional Textiles and Woodcarvings, July to December 2007**

Photographic documentation of Timorese collections of sacred/traditional Timorese textiles (tais) and wood carvings was carried out in collaboration with the Ministry of Education and Culture of Timor-Leste and the Timor-Leste Photographers' Association (TiLPA). Selected photographs were developed into promotional materials such as posters, postcards, banners and calendars for wider dissemination nationally and internationally.



Timorese tais  
© UNESCO Jakarta/TILPA

- **Cultural Heritage Specialist Guide Training and Certification Programme**

George Town, Penang, Malaysia, April 2007: Accredited trainers from UNESCO Bangkok, the Penang Heritage Trust (PHT), the Institute for Tourism Studies (IFT), Macao SAR, and the Ministry of Tourism, Malaysia, together with local experts, conducted this 6-day training for local guides. Two people from Indonesia— from UNESCO Jakarta and the Sumatra Heritage Trust—took part as observers.



On-site lecture  
at the Han Jiang  
Ancestral Temple  
in Penang  
© Dwi Indrasari

- **Regional Meeting on Safeguarding Intangible Heritage and Sustainable Cultural Tourism**

Hue, Viet Nam, December 2007: This meeting brought together some 20 heritage experts and cultural officials from the Southeast and East Asian region to advance the understanding of the relationships between ICH and sustainable tourism so as to be better able to apply this understanding programmatically at the field level. Organised by the Office of the UNESCO Regional Advisor for Culture in Asia and the Pacific, in cooperation with the Establishment Initiative for the Intangible Heritage Center for Asia-Pacific in the Republic of Korea (EIHCAP), the Hué Monuments Conservation Centre (HMCC), the Department of Cultural Heritage, Ministry of Culture, Sports and Tourism, UNESCO/HQs, UNESCO Hanoi Office, the Hué City Government, the Hué People's Committee, and the Vietnamese National Commission for UNESCO. UNESCO Jakarta attended and supported the participation of one member of staff from Timor-Leste's Division of Culture.

- **2003 Convention for the Safeguarding of the Intangible Cultural Heritage Ratified by Indonesia**

Since 2006, UNESCO Jakarta worked closely with the Indonesian National Commission for UNESCO and the Ministry of Culture and Tourism of the Republic of Indonesia and provided technical assistance in the preparation for the ratification to the 2003 Convention for the Safeguarding of the Intangible Cultural Heritage. This resulted in the acceptance by Indonesia to the Convention, and the Minister for National Education of the Republic of Indonesia, Mr Bambang Soedibyo, deposited with the Director-General of UNESCO its instrument of acceptance during the UNESCO General Conference in Paris in October 2007.



Participants of the Regional Meeting Safeguarding Intangible Heritage  
and Sustainable Cultural Tourism © Dwi Indrasari

# COMMUNICATION AND INFORMATION

powerofpeace  
building peace through communication and information

see peace,  
think peace,  
act peace

Don't lose your way  
You've come so far  
Live believing, dream  
Wonders are waiting  
Live your story, Faith  
Hold to the truth in





Sharing thoughts at Bali Global Forum © Ray Bactiar

## From Bali with Peace

UNESCO's constitution states clearly that since wars begin in the minds of men, it is in the minds of men that the defences of peace must be constructed. Peace that is based exclusively upon the political and economic arrangements of governments will not be a peace that can secure the unanimous, lasting and sincere support of the peoples of the world. Peace must, therefore, be founded—if it is not to fail—upon the intellectual and moral solidarity of mankind. In the Communication and Information Sector, these objectives are pursued by empowering people through the free flow of ideas by word and image, and by access to information and knowledge.

To advance this agenda, at the beginning of 2007 UNESCO Office, Jakarta organised an international conference in Bali on the Power of Peace: Building Peace through Communication and Information. Inaugurated by Indonesia's Vice President Jusuf Kalla, the conference addressed various crucial issues that are faced by the people all over the world, with emphasis on how the utilisation of ICTs and other emerging new technologies on communication and information can build and promote peace and create mutual understanding among human beings. Various sessions during the three-day conference touched upon issues such as how the media play a role in triggering conflicts, and how the media can contribute to preventing conflicts; and the relationship between religion and peace.

One of the main recommendations in the 'Spirit of Bali' declaration adopted on the final day of the conference was the establishment of a network through which the use of traditional and modern media will be further developed to provide information that promotes peace. By actively involving children and youth, using a range of media such as the internet, film, radio and television to facilitate dialogue and provide information, the Power of Peace Network aims to enhance cultural self-expression and interaction, promote interfaith dialogue, and bridge the information gap between people. The Power of Peace Network will utilise all possible delivery systems—broadcasting, online, wireless, satellite, and so on—to make the content available to as broad an audience as possible. UNESCO headquarter in Paris is now working on the development of the new network and translating all the recommendations into practical actions.



One of the sessions in seminar on World Press Freedom Day in Jakarta © AJI-SEAPA

In 2007 the CI Unit also implemented various programmes and activities in line with its three principal strategies: promoting the free flow of ideas and universal access to information; promoting the expression of pluralism and cultural diversity in the media and world information networks; and strengthening access for all to ICTs. A part of UNESCO's mandate to strengthen press freedom, we celebrated World Press Freedom Day (WPF) on 3 May, organised a training to improve the capacity of journalists, and provided technical assistance to parliament, the government and civil society for the enactment of the pending draft of the Freedom of Information Law.

To improve access to ICTs, the Unit continued to support the development of Community Multimedia Centres in a number of towns in Indonesia and Timor Leste, and the strengthening of public service broadcasting as an independent provider of



Radio reporters in greater Banda Aceh making newsletter  
© Yunita Mandolang



Community members accessing information through CIC Bantul Bangkit  
© Radio Persatuan

information and communication platform for the people. The Unit also continues to give its attention to post-conflict areas such as Timor Leste, and post-disaster areas such as post-tsunami Aceh and post-earthquake Yogyakarta.

## List of Activities

- **Establishing the Power of Peace Network**

The Power of Peace: Building Peace through Communication and Information conference, jointly organised by UNESCO and the Government of Indonesia, was held in Jimbaran, Bali, Indonesia, 21-23 January 2007. About 200 participants—media and ICTs practitioners, NGO activists, peace activists, decision makers, researchers and government officials—agreed to establish a network aimed at contributing to the enhancement of cultural self-expression and interaction, interfaith dialogue, and bridging the information gap.

- **ICT Training for Radio Broadcasters in Aceh**

Jointly organised with the Nurul Fikri Foundation, the course enabled 10 announcers and reporters to gain skills on Desktop Publishing, Newsletter Production and Weblog Creation. Held at the Communication and Cultural Centre (CCC) in Keutapang, Banda Aceh, 13-17 January 2007.



Radio reporters after attending ICT training  
© Yunita Mandolang

- **Building awareness of the importance of Information Literacy**

A series of seminars on information literacy for teachers and librarians, and training for elementary school teachers. Implemented in cooperation with the Centre for Scientific Documentation and Information of the Indonesian Institute of Science (PDII-LIPI) and Indonesia's Child Welfare Foundation (YKAI).

- **Training on journalism for alternative and non-mainstream media in Padang, Batam, and Palembang**

Aimed at building capacity among journalists working for alternative and non-mainstream media which have few resources of their own, topics ranged from the roles of the press and the importance of press freedom to ethical issues in journalism. The trainers were from the Jakarta-based Doctor Soetomo Press Institute (LPDS).

- **Opening a Community Information Centre (CIC) in Bantul, Yogyakarta**

Officially launched on 24 February 2007, this CIC is located at a local radio station, Persatuan, which regularly broadcasts humanitarian information and other relevant content. The CIC will provide shared access to information and communication in an area heavily damaged by the earthquake on 27 May 2006.

- **National Conference on Journalism Education, Yogyakarta**

13-15 April 2007: Organised with the University of Indonesia's Department of Communication, and attended by delegates from 40 universities and colleges that have journalism programmes, culminated with an agreement to establish an Association of Journalism Educators.



Journalism Education Conference in Yogyakarta, Indonesia  
© Arya Gunawan



- **Workshop for Animators of Community Multimedia Centres (CMCs) in Central Java**

29-30 September 2007: Eight participants from CMCs in Pati and Kendal had the opportunity to share and improve their CMC management skills, particularly on managing website content and managing a telecentre.



Animators of CMC Pragola, Kendal - Central Java, learning to build their website  
© Yunita Mandolang

- **World Press Freedom Day 2007**

Jakarta, 2 May: A regional discussion on Safety for Journalists, organised in cooperation with UNESCO Bangkok, the South East Asian Press Alliance (SEAPA-Bangkok), the Alliance of Independent Journalists (AJI-Indonesia) and the Indonesian Press Council. Speakers included Indonesian and Thai journalists who have covered conflict areas, and experts from the International News Safety Institute.



Exhibition as part of the celebration of World Press Freedom Day in Jakarta  
© AJI-SEAPA

- **Training for media and information professionals on MDG issues and on how to face hostile environments**

Medan, Pekanbaru, Batam and Jambi, May–September 2007: 20 journalists were trained on covering issues related to MDGs, while media professionals (i.e. journalists, public relations staff from local government offices) were guided on how to deal with hostile environments. Organised in cooperation with LPDS.

- **Launch of additional reading room at Aceh Provincial Library**

Aceh's library suffered extensive damage during the December 2004 tsunami. With funds from the Credit Suisse Group, UNESCO helped to construct a reading room annex, which was officially opened on 28 August 2007. UNESCO also provided two mobile libraries, complete with thousands of books.



Checking the mobile library at launch ceremony of new reading room at Aceh Library  
© Arya Gunawan



Annex Reading Room Attached to the Main Building of the Aceh Library © Aceh Library



The new reading room at Aceh Library  
© Aceh Library



Hubert J. Gijzen,  
Director of UNESCO  
Jakarta delivering  
speech on  
Roundtable Meeting  
on Freedom of  
Information  
© SET

- **Advocacy for the enactment of the Freedom of Information law**

With the SET Foundation, public seminars and radio talk shows were organised in September 2007 on various issues, including the importance of the FOI Law for press freedom and law reform. The draft law has been stalled in parliament since 2001.

- **Training on creative writing skills for tsunami survivors in Banda Aceh, Nurul Fikri Foundation**

After basic training in April and advanced training in August, participants produced narrative writing and poetry compositions to be used as programme content for radio stations and newspapers.



Best-selling  
novelist Andrea  
Hirata sharing  
his thoughts with  
creative writing  
skills participants  
in Banda Aceh  
© Arya Gunawan



Participants and  
trainers of Creative  
Writing Skills in  
Banda Aceh  
© UNESCO Jakarta

- **ICT Training for Journalists and Writers in Banda Aceh**

October-November 2007: This two-step training for young journalists and writers, organised jointly with the Nurul Fikri Foundation, focused on optimising the use of ICTs in their daily work.

- **Media programmes for Timor Leste**

Following on from a range of previous media development initiative, a needs assessment mission in November explored possibilities for further activities in the field of media and communication/information and partnerships with other organisations.

- **3<sup>rd</sup> Global Knowledge (GK3) Conference**

Kuala Lumpur, 11-13 December 2007: On the theme of ICT for Development, the conference was attended by some 1,700 policy makers, leaders, innovators, visionaries, knowledge management specialists, broadcasters, practitioners and futurists. During the conference UNESCO produced daily radio programmes direct from the conference studio, broadcasting highlights of the event and interviewing prominent speakers.

- **Publication of 'Independent Editorial Guidelines for Public Broadcasters'**

This book provides guidelines based on best practices from well-known public broadcasting organisations from all over the world.

- **Training on Peace Journalism for Journalists**

October-November 2007: One-day trainings in Batam, Palembang, Jambi and Padang aimed to show how peace perspectives can be incorporated in media reporting, especially in potential conflict areas. Organised in cooperation with the Institute for Press and Development Studies (LSPP).



Participants of Peace Journalism Workshop

© LPDS

- **Research on Community Radio in the Philippines**

Nationally and internationally recognised for promoting rural people's empowerment, DYMT FM - Voice of Mount Manduyog is a community radio station based at Aklan State University (ASU). ASU's Prof. Porferio G. Bullo has been doing research on the station's first decade, focusing on the importance of radio for rural empowerment, its features and functions, programming and policies, difficulties encountered and lessons learned. The results will be published in August 2008.

- **Translation and publication of 'Model Curricula for Journalism Education'**

This book was published by UNESCO's CI Sector and officially launched during the World Congress on Journalism Education in Singapore, June 2007. The translation into Indonesian was done in cooperation with the University of Indonesia's Department of Communication.

- **Translation and publication of 'Media Education' in e-book format**

Media Education, recently published by UNESCO's CI Sector, focuses on strengthening people's skills in digesting the media. The book has been translated into Indonesian.

- **Developing open source software for education**

BlankOn 2.0 is a free and open source software developed in cooperation with Indonesia's Linux Mover Foundation. Consisting of a Linux operating system and hundreds of programmes for computer education and daily office applications in Indonesian, the software, launched at the Indonesian Linux Conference in November 2007 in Yogyakarta, is an update of the original version introduced in May 2005.



BlankOn ver 2 has been released in Yogyakarta  
© Linux Mover Indonesia





# Dili Antenna Office

UNESCO in Dili, Timor-Leste

The crisis of early 2006 delayed the posting of international staff to the Dili Antenna Office UNESCO, Jakarta Office in Dili, Timor-Leste. While the new Programme Implementation Unit Manager was only installed in late 2007, the Antenna Office continued to function through the direct supervision of the UNESCO Jakarta Cluster Office. Activities with partners in Timor-Leste were carried out with the support of the Jakarta Office, with several missions to Timor-Leste undertaken during 2006 and 2007.

During 2007, the UNESCO Antenna Office in Dili, through the support and direct supervision of UNESCO Office, Jakarta and with additional support from the UNESCO Bangkok Office, facilitated and implemented activities to support various government programmes within its mandate in education, science, culture and communication /information. The specific activities implemented and accomplished included the following:

- UNESCO's continued support to the Ministry of Education and Culture in Timor-Leste in the Non-Formal Education sector saw the implementation of the Community Learning Centre (CLC) concept in 2006. In 2007, support for the three pilot CLCs located in the districts of Liquica, Los Palos and Viqueque was continued, and in November 2007, a national workshop was held for CLC stakeholders and implementers as well as partners at the national level. Following the workshop, construction and rehabilitation work on the CLCs in Viqueque and Los Palos commenced in December 2007. UNESCO also provided a small grant to train 15 non-formal education teachers from the National Directorate for Non-Formal Education of the Ministry of Education and Culture in Portuguese language to better equip the teachers to use the country's official language.
- In line with the country's National Science Education Strategy, which UNESCO helped to develop, several key National University of Timor-Leste (UNTL) professors and department heads from the University's Faculty of Science were sent abroad in 2007 to attend regional workshops in the Asia Pacific region on the popularization of science and the development of science and technology parks through the support of UNESCO Office, Jakarta.
- In Culture, UNESCO continued to facilitate and support the Ministry of Education and Culture, particularly in the capacity building of the Ministry's National Directorate for Culture. Under the museum-to-museum program, with funding from AusAID, UNESCO facilitated the enrolment of three senior Directorate staff on an 8-month scholarship and study program at the Northern Territory Museum in Darwin, Australia. Likewise, other staff from the National Directorate for Culture were provided with opportunities to attend trainings and workshops outside Timor-Leste related to culture development as part of UNESCO's ongoing capacity building support to the government. From July to October 2007, UNESCO commissioned the Timor-Leste Photographers Association (TiLPA) to undertake extensive photo documentation of traditional textiles (tais) and woodcarvings as part of the preservation and promotion of the cultural heritage of the country. Under a small grant from UNESCO, TiLPA worked together with the National Directorate for Culture to complete the photo documentation, which resulted in the production of promotional materials such as posters, banners, calendars and postcards featuring the tais and woodcarvings.
- A Mangrove Rehabilitation Project was implemented by an NGO partner, OISCA, in Ulmera village in the district of Liquica, where people were trained in mangrove planting and maintenance. This was aimed at promoting community-based efforts to preserve and sustain the environment. A small grant was provided by UNESCO Office, Jakarta in July 2007 and a target of around 100,000 seedlings was set for planting. The planting was completed by the people of the community in December 2007.

- To determine the landscape for UNESCO's support to Communication/Media and Information in Timor-Leste, Communication/Information Program Specialist Arya Gunawan from the Jakarta Office undertook a mission to Dili in November 2007. The areas that UNESCO will continue to support, based on the findings of the mission, will be the capacity building of media organizations and practitioners in the country, support for the development of the media law, support for community radio development and the strengthening of multimedia centres development.

Similar missions were conducted by program specialists based in the Jakarta Office on science, culture, environment and education to generate recommendations aimed at further improving the support to UNESCO programme interventions in the country. Likewise, the Director of UNESCO Office Jakarta, Dr. Hubert Gijzen, made several trips during the year to observe at first hand UNESCO's continuing support to Timor-Leste.

While UNESCO was unable to participate in the development of Timor-Leste's first UNDAF covering the period 2003-2008, one of the key milestones of 2007 was the participation of the Dili Antenna Office as part of Timor-Leste's UN Country Team in the development of the country's second UNDAF. UNESCO has also commenced the process of developing the UNESCO Timor-Leste Country Programme Document for 2009-2013. A consultant was hired in December 2007 along with additional national staff to support the Antenna Office.



Group Discussion during a National Workshop of Education Activity in Timor Leste  
© UNESCO Jakarta

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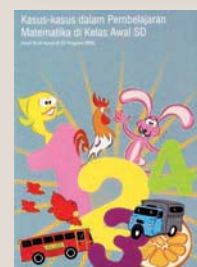
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- UNESCO and MoNE, 2007: Gender Education Network in Asia [GENIA] Toolkit in Indonesian
- UNESCO, MoNE, IDP Norway, 2007: Inclusive Learning-Friendly Environments (ILFE) Toolkit in English, Indonesian and Braille versions
- UNESCO, MoNE, 2007: Scientific, Technical and Vocational Education (STVE) for Marginalized Girls and Young Women: A Guideline to Facilitate Expansion and Effectiveness of the STVE Programme
- UNESCO and Communication and Information Strategy (CIS) Council—Research and Development, 2007: Video programme on the project “Supporting Community-Based Education and Psychosocial Assistance through the Establishment of Volunteer Training Centres (Livelihood Skills Development Project)” in Nanggroe Aceh Darussalam
- UNESCO and Universiti Pendidikan Sultan Idris, 2007: Training materials for peer-to-peer education on HIV/AIDS (finalized in 2008)
- UNESCO Bangkok, UNESCO Jakarta, MoNE 2007: Siap Menghadapi Bencana



## HIV-AIDS

- Teacher Education Manual on HIV Prevention and Response: Regional Pilot Version (English) - Developed by IDP Norway
- Teacher Education Manual on HIV Prevention and Response, Indonesian Adapted Version (English and Bahasa Indonesia) Developed and published by IDP Norway
- Teacher Education Manual on HIV and AIDS Prevention and Response, Philippine Pilot Version (English) - Developed by IDP Norway Published by UNESCO National Commission of Philippines, 2008
- Teacher Education Manual on HIV and AIDS Prevention and Response, Malaysian Pilot Version (English) - Developed by IDP Norway

## ENVIRONMENTAL SCIENCES

- **Rencana Strategis 2006-2010 Taman Nasional Gunung Leuser** (Strategic Plan 2006-2010 Gunung Leuser National Park)  
The Strategic Plan is part of the output resulting from the UNESCO's activities in the Gunung Leuser National Park. It was supported by the UNESCO Office, Jakarta throughout the process, starting by identifying internal and external issues in the park, up to the printing of the document which serves as a workplan for the park management.
- **Buletin Jejak Leuser**, vol 3 no.7 and no.8  
Buletin Jejak Leuser is a regular periodical from the Gunung Leuser National Park which UNESCO supported in terms of printing and content for two issues to ensure its continuous publication.
- **MAB Journal of the Chinese National Committee, 2007**  
A study was carried out on integrated management of coastal/island ecosystems in the Snake Island and Laotei Mountain Nature Reserve in Liaoning Province, P. R. China. This special edition presents the findings of the study in the context of the area being a potential Biosphere Reserve.
- **MAB Journal of the Chinese National Committee, 2007-5**  
This special edition celebrates the linkage between biological and cultural diversity and is published in relation to the Ecotone-SeaBARNet 2007 Meeting with the theme on the "Cultural diversity: a foundation for biodiversity conservation and sustainable development".
- **Earthquake preparedness manual for schools ITB/UNESCO/UNISDR**  
UNESCO Office, Jakarta initiated a re-publication of education materials aiming to enhance the knowledge and preparedness on earthquake disaster for teachers and students. The books were developed by the Pusat Mitigasi Bencana, Institut Teknologi Bandung (Disaster Mitigation Center, Bandung Institute of Technology) in 2000 under the "School Earthquake Preparedness Programme". The books are:
  1. Development Kit for Teachers;
  2. Learning Materials for Teachers;
  3. Worksheet for Students.
- **Membangun kekuatan kolektif reduksi bencana ekologis**  
(Building-up collective power to reduce ecological disaster)  
Proceedings from the Indonesian People Conference on "Building-up collective power to reduce ecological disaster" that was held in July 2007.



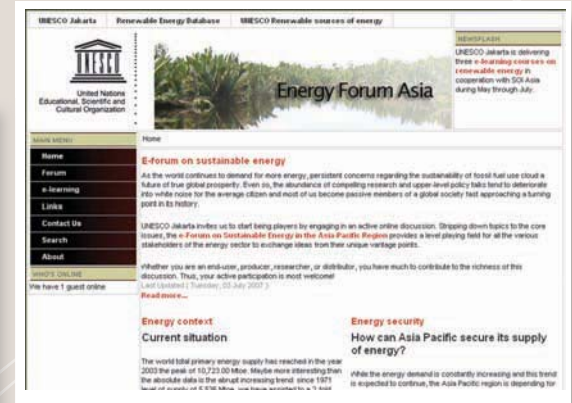


## BASIC SCIENCES

- AAPPS Bulletin, Vol. 17, No. 6, December 2007
- ACGC Chemical Research Abstracts, Vol. 21, 2007
- STEPAN UPDATE Newsletter, June 2007 and December 2007 issues

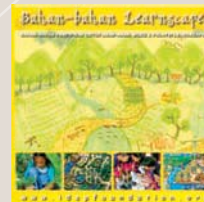
## ENGINEERING SCIENCES AND TECHNOLOGY

- Three-folded booklet of UNESCO e-Learning, Renewable Energy, Distance Education Courses in Asia Pacific. Audiovisual documentation in DVD format of the UNESCO Science & Technology Camp 2007 in Brunei Darussalam
- Asia Pacific Forum for Renewable Energy and related issues: [www.energyforumasia.org](http://www.energyforumasia.org)
- UNESCO Science & Technology Camp Official Website: [www.robotcamp.org](http://www.robotcamp.org)



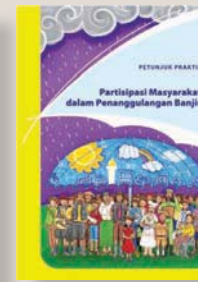
## EARTH SCIENCE

- DVD "Community Based Disaster Management", IDEP Foundation, Bali, 2007
- DVD "Learnsapes Resources", IDEP Foundation, Bali, 2007



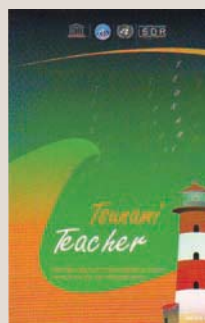
## WATER SCIENCE

- Poster "Managing Aquifer Recharge (MAR): Assessment of Groundwater Resources in the sand dune coastal area of Binh Thuan, Southeast Vietnam" UNESCO Jakarta Office, 2007
- Petunjuk Praktis "Partisipasi Masyarakat dalam Penanggulangan Banjir", UNESCO Office, Jakarta, 2007
- Website of Alumni IHP Nagoya Training Course [www.ihpnagoyaforum.org](http://www.ihpnagoyaforum.org)
- IHP Technical Documents in Hydrology No.7: Proceedings of the "International Conference on Hydrology and Water Resources Management for Hazard Reduction and Sustainable Development (HSRD 2007)", Makati City, Metro Manila, Philippines, 19-23 November 2007" Edited by Guillermo Q. Tabios III and Leonardo Q. Liongson
- 15th IHP Regional Steering Committee meeting for Southeast Asia and Pacific Manila, Philippines, 2-23 November, 2007
- Proceedings of Workshop "Assessment of Snow Glacier and Water Resources in Asia, Almaty, Kazakhstan, 28-30 November 2006"



## TSUNAMI EARLY WARNING SYSTEM – JAKARTA TSUNAMI INFORMATION CENTRE

- **DVD Tsunami Teacher**  
(Bahasa Indonesia version of DVD Tsunami Teacher of IOC-UNESCO)  
An interactive DVD as Information and Resource Toolkit that aims to build global capacity to respond and mitigate tsunamis
- **Poster Bencana Tsunami**  
(Bahasa Indonesia version of “Tsunamis on the move” of IOC-UNESCO)  
Delineates what tsunami is and its typical characters. Brief information about tsunami’s natural signs and actions to be taken when the earthquake and tsunami occur is also presented
- **Rangkuman Istilah Tsunami**  
(Bahasa Indonesia version of “Tsunamis Glossary” of IOC-UNESCO)  
A glossary of terms and acronyms used in the tsunami literature. The glossary describes the tsunami characteristics, general terms used in tsunami mitigation and generation as well as the terms in tsunami survey and measurement
- **Komik Peringatan Tsunami**  
(Bahasa Indonesia version of Tsunami Warning of IOC-UNESCO)  
A guidance book on tsunami disaster designed for young persons, presented with attractive drawings and friendly terms so as to convey basic understanding about tsunami and precautions to be taken to anticipate the disaster in the west coast area of Sumatra, Indonesia
- **Jakarta Tsunami Information Centre (JTIC) website.**  
Jakarta Tsunami Information Centre (JTIC) website under the Intergovernmental Oceanographic Committee (IOC) of UNESCO was established to increase and strengthen awareness about Tsunami and to assist the development of the Tsunami Early Warning System (TEWS) in Indonesia through information service. This website is available English and Bahasa Indonesia having similar content of information (<http://www.jtic.or.id>)



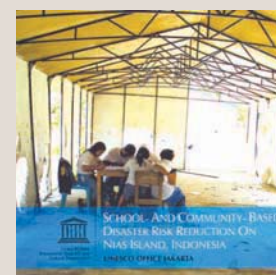
## COASTAL REGIONS AND SMALL ISLANDS

- **“The Prepared Ones” - A film about Community-Based Disaster Risk Reduction Efforts In Nias**  
It is usual for us to see an activist walking around with a megaphone making an announcement. It becomes unusual when the activist is a 63-year-old woman. This is the remarkable journey of Nurhayat Fau, known by the community as Ina Tulo, in raising community disaster preparedness and awareness in Lagundri Village, Teluk Dalam Regency, South Nias Sub-District. Ina Tulo’s mission is caught in the movie entitled “Mereka Yang Siaga” (The Prepared Ones), produced by UNESCO (United Nations Educational, Scientific and Cultural Organisation) in cooperation with UNDP (United Nations Development Programme) Indonesia, MPBI (Masyarakat Penanggulangan Bencana Indonesia), Yayasan Elsaka – Nias, and DReAM (Disaster Research and Management) – UPN Yogyakarta during the School and Community Based Disaster Preparedness Program in Teluk Dalam, South Nias Sub-District.

Ina Tulo and Milyar Wau (known as Ama Yanti throughout the community) are examples of people who will not sit around and do nothing until a disaster strikes. The tsunami and earthquakes that struck Nias have killed many and destroyed so much, but have not left them pessimistic or self-sympathizing, waiting for help unknown. It is because of these disasters that they exert efforts in building the awareness of the local community in order to be better prepared to face disasters and mitigate damages. These efforts have been challenged. However, both Ina Tulo and Ama Yanti have made a commitment to continue their mission and pass on the knowledge that they have learnt, beginning with their families, then including their villages and if possible the whole of their regency.

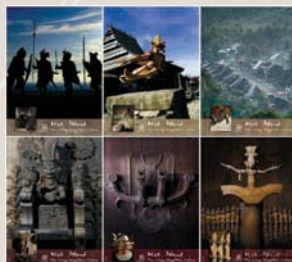
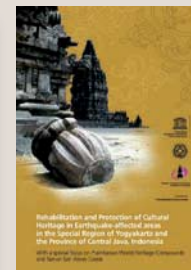
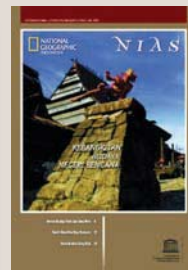
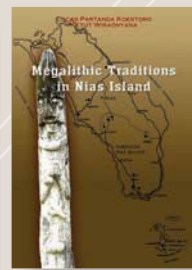
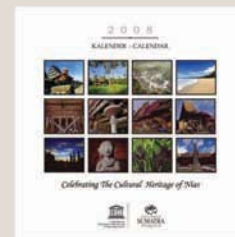
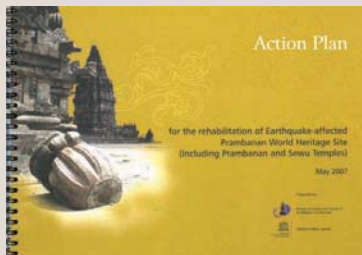
The premiere screening of this film was conducted on June 13, 2007 during the ‘3<sup>rd</sup> National Symposium on Community-based Disaster Management’, held by MPBI in cooperation with the Red Cross and Red Crescent Organization, Red Cross Indonesia (PMI), German Red Cross, German Technical Aid Agency (GTZ), Indonesian Geology and German Geology Agency (BGR) at Wisma PKBI, Kebayoran Baru, South Jakarta.

- **“School – and Community – Based Disaster Risk Reduction on Nias Island, Indonesia”**  
A leaflet about Disaster Management in Nias. This leaflet informs the programme of a sustainable disaster management framework for the people in South Nias. Together with “The Prepared Ones” film, this leaflet produced by UNESCO in cooperation with United Nations Development Programme Indonesia, MPBI (Masyarakat Penanggulangan Bencana Indonesia), Yayasan Elsaka – Nias, and DReAM (Disaster Research and Management) – UPN Yogyakarta.



## CULTURE

- Action Plan for the rehabilitation of earthquake-affected Prambanan World Heritage Site**  
 (Including Prambanan and Sewu Temples)  
 The Action Plan, composed of five strategic objectives—Management and Coordination, Research and Monitoring, Restoration and Conservation, Capacity-Building and Awareness-raising—focuses on the rehabilitation works to be undertaken in response to the 27 May 2006 earthquake in Yogyakarta.
- Rehabilitation and Protection of Cultural Heritage in Earthquake-affected areas in the Special Region of Yogyakarta and the Province of Central Java, Indonesia**  
 Project flyer presenting the activities undertaken in response to the 27 May 2006 earthquake in Yogyakarta with a special focus on Prambanan World Heritage Compounds and Taman Sari Water Castle, with the funding support from the Kingdom of Saudi Arabia
- Homeowner's Conservation Manual for Kotagede Heritage District, Yogyakarta, Indonesia**  
 Part of the series of Heritage Homeowner's Manuals for UNESCO World Heritage Sites initiated by Culture Regional Office in Bangkok, Homeowner's Conservation Manual for Kotagede Heritage District was developed by Jogja Heritage Society in cooperation with UNESCO Bangkok and UNESCO Jakarta, to provide guidance on the proper maintenance of heritage homes, to raise awareness and strengthen local community involvement in heritage conservation practices
- Megalithic Traditions in Nias Island=Tradisi Megalitik di Pulau Nias**  
 An introduction to Nias Island's megalithic tradition, in various forms, including traditional customs and folklores mentioning the migration of people from the Naga community of Assam to Nias Island by Lucas Partanda Koestrero and Ketut Wiradnyana. Also available in Bahasa Indonesia
- Kebangkitan Budaya Negeri Bencana**  
 A supplementary booklet featured in the National Geographic Indonesia magazine of June 2007 edition on the uniqueness of Nias cultural heritage by National Geographic Indonesia & UNESCO Office Jakarta
- Celebrating the Cultural Heritage of Nias**  
 Posters, postcards and calendars featuring Nias' outstanding vernacular architecture, traditional settlements, megaliths, cultural/natural landscape, and traditions
- Cultural Tourism for Sustainable Development in Nias Island, Indonesia**  
 Project flyer presenting activities and results of the cultural tourism project under UN Joint Programming in Telukdalam Sub-district, South Nias funded by UNDP Indonesia
- Cultural Tourism Map of Nias, Indonesia**  
 This map, the result of the culture mapping exercise undertaken in Telukdalam Sub-district, South Nias, presents the unique architecture, traditional settlements, cultural and natural landscapes, megaliths and traditional crafts of Nias Island in North Sumatra, Indonesia. Also available in Bahasa Indonesia
- Balada Tulo dan Miriek, Legenda Gajah Puteh, Amat Rhang Manyang, Putroe Gumbak Meuh, Putroe Pucok Geulumpang, Putroe Kamaliah Nan Bijak**  
 This set of six children's books written by Acehese writers is a collection of six stories presenting the shared local legends, moral tales and simple recollections of daily life of the Acehese people

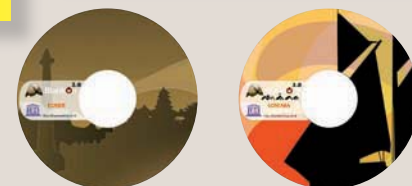


- **Conserving the Rich Cultural Heritage of Timor-Leste**  
Posters, postcards, calendars, and banners depicting sacred/traditional Timorese textiles (tais) and wood-carvings are produced for the promotion of the rich cultural heritage of Timor-Leste.
- **Rising Above the Tsunami**  
This DVD highlights the special cultural event held in Jakarta on 9 May 2006 and interviews from national authorities and key actors involved in the UNESCO culture programme entitled 'Rising Above the Tsunami' implemented in the aftermath of the 2004 Indian Ocean tsunami. The programme helped to keep the local traditions alive in post-tsunami Aceh by involving the three generations of Acehnese in an effort to revive the region's cultural heritage. Produced by Sacred Bridge Foundation & UNESCO Office, Jakarta.



**COMMUNICATION AND INFORMATION**

- **Editorial guidance for public broadcasters**  
The book contains comprehensive concepts regarding editorial aspects that are of relevance and importance for journalists from public broadcast media in Indonesia UNESCO Jakarta Panduan Editorial untuk Lembaga Penyiaran Publik Author: Zulkarimein Nasution, published in 2007 by UNESCO
- **Newsletter**, March 2007 CI Unit has published a new edition of its newsletter in March 2007
- **Public Service Broadcasting: A best practices sourcebook**  
Editor: Indrajit Banerjee and Kalinga Seneviratne, AMIC, published in 2005 by UNESCO  
Translated into Bahasa Indonesia by Program Sarjana Reguler, Dep. Ilmu Komunikasi, FISIP UI through UNESCO Jakarta granted project in October 2007-March 2008
- **Prosiding Konferensi-Lokakarya Nasional: Pendidikan Jurnalisme di Indonesia**  
Held in 13-15 April 2007 in Yogyakarta, organized by UNESCO and University of Indonesia
- **Konde and BlankOn**  
Two open source softwares for education, developed in cooperation with Indonesia's Linux Mover Foundation



# REGIONAL NETWORKS

## Education

No.	Name of Network	Year of Establishment	Contact Person
1	Asia/Pacific Cultural Centre for UNESCO (ACCU)	1971	Mr Kunio Sato Director General Asia/Pacific Cultural Centre for UNESCO (ACCU) 6 Fukuromachi, Shinjuku-ku, Tokyo, 162-8484 JAPAN Tel. +81-3-3269-4435   Fax +81-3-3269-4510 Email: literacy@accu.or.jp
2	SEAMEO Regional Centre for Educational Innovation and Technology (INNOTECH)	1965	Prof Erlinda C Pefianco Centre Director P O Box 207, UP Diliman, Quezon City 1101 - PHILIPPINES Tel No: +63 (2) 924-7681 to 4   Fax No: +63 (2) 921-0224 E-mail: innotech@seameo-innotech.org
3	International Research and Training Centre for Rural Education (INRULED)	1994	Dr Zhai Haihun Director of INRULED No. 2 Nongda West Street, Baoding 071001, Hebei, P.R.China Tel.: 86-312-2171893   Fax.: 86-312-2170234, 2171894, Email: inruled@inruled.org
4	Asia-Pacific Centre of Educational Innovation for Development (APEID)	1973	Ms. Molly N. N. Lee Coordinator of APEID UNESCO Asia and Pacific Regional Bureau for Education P.O. Box 967, Prakanong Post Office - Bangkok 10110 Thailand Tel: (66-2) 3910577 (ext. 212)   Fax: (66-2) 3910866 Email: apeid@unesco-bkk.org
5	Associated Schools Project Network (ASPnet)	1953	Mr. Sigrid Niedermayer International Coordinator 7, place de Fotenoy - 75352 Paris 07 SP Tel: 33 (0) 1 45 68 10 80   Fax: 33 (0)1 45 68 56 39 E-mail: s.niedermayer@unesco.org
6	Asia-Pacific Centre Network of Education and Values Education (APNIEVE)	1995	Dr. Lourdes R. Quisumbing President UNESCO/PROAP-APNIEVE c/o Miriam College Foundation Katipunan Road, Loyola Heights, Quezon City, PHILIPPINES Tel: (63-2) 426-0172   Fax: (63-2) 426-0169 Email: lourdes@quisumbing.net



## Environmental Sciences

No.	Name of Network	Year of Establishment	Contact Person
1	East Asian Biosphere Reserve Network (EABRN)	1993	Mr. R. Jayakumar UNESCO Beijing Jianguomenwai Waijiaogongyu 5-13-3, Beijing 100600, P. R. China Tel.: +86-10-65322828   Fax: +86-10-65324854 Email: beijing@unesco.org
2	Southeast Asian Biosphere Reserve Network (SeaBRnet)	1998	UNESCO Office, Jakarta UNESCO House Jalan Galuh II No. 5, Jakarta 12110, Indonesia Tel.: +62-21-7399818   Fax: +62-21-72796489 Email: jakarta@unesco.org
3	South and Central Asia MAB Network (SACAM)	2001	Mr. Ram Boojh UNESCO New Delhi UNESCO House B 5/29 Safdarjung Enclave, New Delhi 110029, India Tel.: +91-11-26713000   Fax: +91-11-26713001 / 2 Email: newdelhi@unesco.org
4	The Pacific Biosphere Reserve Network (PacMAB)	2006	Mr. Hans Thulstrup UNESCO Apia P.O. Box 615 Matautu-uta Post Office, Apia, Samoa Tel.: +685-24276   Fax.: +685-22253 Email: h.thulstrup@unesco.org

## Basic Sciences

No.	Name of Network	Year of Establishment	Contact Person
1	Science and Technology Policy Asian Network (STEPAN)	May 1988	Professor Fortunato de la Pena, STEPAN Chairman Undersecretary for S&T Services, Department of Science and Technology (DOST) Gen. Santos Ave., Bicutan, Taguig, Metro Manila Tel. (+63 2) 837 0086   Fax (+63 2) 837 2937 Email: ftdp@dost.gov.ph

No.	Name of Network	Year of Establishment	Contact Person
2	Asian Physics Education Network (ASPEN)	1981	<p>Dr. Alex Mazzolini            Leader, Applied Optics Group            Centre for Atom Optics and Ultrafast Spectroscopy (CAOUS)            Faculty of Engineering &amp; Industrial Sciences,            Swinburne University of Technology            PO Box 218 Hawthorn, Victoria Australia 3122            Tel. (+61 3) 9214 8866   Fax (+61 3) 9214 8264            Email: amazzolini@groupwise@swin.edu.au</p>
3	Regional Network for the Chemistry of Natural Products	December 1975	<p>Dr. Amelia P. Guevara            Professor of Chemistry and            Vice President for Academic Affairs            University of the Philippines System            Quezon Hall, UP Diliman, Quezon City, Philippines            Tel. (+63 2) 926-4736   Fax (+63 2) 436-7535            Email: amelia.guevara@up.edu.ph</p>
4	Regional Network for Microbiology and Microbial Biotechnology	March 1975	<p>Dr. Morakot Tanticharoen            Director, National Centre for Genetic Engineering and Biotechnology (BIOTEC)            113 Phaholyothin Road, Klong 1, Klong LUang, Pathumthani 12120 Thailand            Tel. (+66-2) 564 6700            Fax (+66-2) 564 6705            Email: morakt@biotec.or.th</p>
5	ASEAN Institute of Physics (ASEANIP)	1980	<p>Prof.S.C.Lim, Dept. of Physics, Universiti Kebangsaan Malaysia, Bangi, Selangor, Malaysia            Tel. (+60 3) 829 2890   Fax (+60 3) 829 2880            Email: sclim@pkriscc.ukm.my</p>
6	Association of Asia Pacific Physical Societies (AAPPS)	1990	<p>Dr. Tien T. Tsong            President, AAPPS Council            Institute of Physics            Academia Sinica            Nankang, Taipei, Taiwan 115            Email: tsongtt@phys.sinica.edu.tw</p>
7	Southeast Asian Mathematical Societies (SEAMS)	1972	<p>Prof. Dr. Wanida Hemakul            President, SEAMS            Department of Mathematics, Faculty of Science, Chulalongkorn University            Bangkok 10330, Thailand            Tel. (+66 2) 218 5145   Fax (+66 2) 255 2287            Email: Wanida.H@chula.ac.th</p>
8	Federation of Asian Chemical Societies (FACS)	August 1978	<p>Prof. Junghun Suh            President, FACS            Professor, Department of Chemistry            Seoul National University            Seoul 151-747, Korea            Tel. (+82 2) 886 2184   Fax (+82 2) 874 3704            Email: jhsuh@snu.ac.kr</p>

No.	Name of Network	Year of Establishment	Contact Person
9	Regional Secretariat for Gender Science and Technology (RESGEST)	1997	Ms. Wati Hermawati Program Coordinator, RESGEST UNESCO Jakarta Office Jl. Galuh II, No. 5 Kebayoran Baru, Jakarta, Indonesia Tel. (+62-21) 739 9818   Fax (+62-21) 7279 6489 Email: w.hermawati@unesco.org

## Engineering Sciences and Technology

No.	Name of Network	Year of Establishment	Contact Person
1.	STEPAN	1998	Linda Posadas c/o UNESCO Jakarta Tel.: +62 21 7399818   Fax: +62 21 72796489 Email: jakarta@unesco.org <a href="http://www.stepan.org">http://www.stepan.org</a>
2.	ASEAN Federation of Engineering Organisations (AFEO)		Ir. Dr. Gue See Sew Gue & Partners Sdn. Bhd. 39-5, Jalan 3/146, The Metro Centre, Bandar Tasik Selatan, 57000 Kuala Lumpur, Malaysia Tel : 603 - 9059 5395   Fax : 603 - 9059 5869 E-mail : gnp@gueandpartners.com.my, ssgue@pc.jaring.my <a href="http://www.aseanengineers.com">http://www.aseanengineers.com</a>
3.	Greater Mekong Subregion Academic and Research Network	1973	Secretariat c/o Asian Institute of Technology Km 42 Paholyothin Highway, Klong Luang, Pathumthani 12120, THAILAND Tel: 66 2 5246101   Fax: 66 2 5245069 Email : gmsarn@ait.ac.th <a href="http://www.gmsarn.org">http://www.gmsarn.org</a>
4.	School of Internet (SOI)	1997	Director of SOI-ASIA Prof. Keiko Okawa SOI - Asia Keio University, Murai Lab, 5322 Endo, Fujisawa, Kanagawa, 252-8520 JAPAN Tel.: +81 466 49 1100   Fax: 81 466 49 1101 Email: keiko@sfc.wide.ad.jp <a href="http://www.soi.wide.ad.jp">http://www.soi.wide.ad.jp</a>

## Earth Science

No.	Name of Network	Year of Establishment	Contact Person
1	Coordinating Committee for Geoscience Programmes in East and Southeast Asia	1966	CCOP Technical Secretariat Thai CC Tower, 24th Floor, Suite 244-245 889 Sathorn Tai Rd., Sathorn, Bangkok 10120 Thailand Website: <a href="http://www.ccop.or.th">www.ccop.or.th</a>

## Water Science

No.	Name of Network	Year of Establishment	Contact Person
1	Regional Steering Committee of the International Hydrological Programme for Southeast Asia and the Pacific (RSC)	1993	Dr. Keizrul Abdullah Director General Department of Irrigation and Drainage Malaysia Jalan Sultan Salahuddin 50626 Kuala Lumpur MALAYSIA Tel: (603) 26982618 – 78740188   Fax: (603) 26914282 E-mail: keizrul@did.moa.my Website: <a href="http://agrolink.moa.my/did">http://agrolink.moa.my/did</a>
2	Asia-Pacific Flow Regimes from International Experimental and Network Data (AP-FRIEND)	1997	Prof. Trevor Daniell Centre for Applied Modelling in Water Engineering School of Civil and Environmental Engineering University of Adelaide North Terrace Campus Engineering North N136, Adelaide, SA, 5005 AUSTRALIA Tel: (61 8) 8303 5454   Fax: (61 8) 8303 4359 E-mail: <a href="mailto:trevord@civeng.adelaide.edu.au">trevord@civeng.adelaide.edu.au</a>

## Tsunami Early Warning System Jakarta Tsunami Information Centre

No.	Name of Network	Year of Establishment	Contact Person
1	USAID – United States Agency for International Development	2007	Mrs. Stacey Tighe
2	GTZ - GITEWS	2007	Mr. Harald Spahn, Team Leader German Indonesian Cooperation for Tsunami Early Warning (GITEWS) Capacity Building in Local Communities
3	ADPC – Asian Disaster Preparedness Centre	2007	Mr. Atiq Kainan Ahmed, Social Scientist

## Culture

No.	Name of Network	Year of Establishment	Contact Person
1	Asian Academy for Heritage Management (AAHM)	2001	The Asian Academy's Central Secretariat Contact: Ms Montira Horayangura Unakul Programme Specialist Office of the Regional Advisor for Culture in Asia and the Pacific UNESCO Bangkok Tel: +66 (0)2391 0577 ext 509, 503   Fax: +66-2-391-0866 Email: h.montira@unescoykk.org or culture@unescoykk.org Website: www.unescoykk.org/culture/asian-academy/
2	Establishment Initiative for the Intangible Heritage Centre for Asia-Pacific (EIIHCAP) under the auspices of UNESCO	2006	Mr Kwang-nam Kim Executive Director National Palace Museum (Annex) 57, Sejong-no 1 Ga, Jongno-gu, Seoul, 110-050, Republic of Korea Tel No.: +82-2-3701-7531   Fax No.: +82-2-3701-7530 E-mail: km8688@hanmail.net Website: www.eiihcap.org
3	ASEAN Handicraft Promotion and Development Association (AHPADA)	1981	Mrs Surapee Rojanavongse Honorary President of AHPADA 4th Floor, Gaysorn Place, 999 Gaysorn Plaza Ploenchit Road, Lumpini, Patumwan, Bangkok 10330, Thailand Tel No.: (662) 656 1929/663 2383   Fax No.: (662) 663 2389 E-mail: surapeer@loxinfo.co.th Website: www.ahpada.com
4	Asia-Pacific Cultural Centre for UNESCO (ACCU)	1971	Mr Kunio Sato Director General Asia/Pacific Cultural Centre for UNESCO (ACCU) Japan Publishers Building, 6 Fukuromachi, Shinjuku-ku, Tokyo, 162-8484 Japan Phone: +81-3-3269-4435   FAX: +81-3-3269-4510 E-mail: general@accu.or.jp Website: www.accu.or.jp

## Communication and Information

No.	Name of Network	Year of Establishment	Contact Person
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# NATIONAL COMMISSIONS FOR UNESCO

## AFGHANISTAN

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Secretary-General: Mr Khalil Meenaway  
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Year established: 1948

## AUSTRALIA

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Year established: 29 April 1947  
by a decision of the federal Cabinet

## BANGLADESH

Chairperson: Dr Hossain Zillur Rahman\*  
(starting: January 2008;  
replacing Mr. Osman Farruk)  
Secretary-General: Mr Momtajul Islam  
Secretary: Mr Md. Mahmudul Hassan  
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Year established : April 1973

## BHUTAN

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Secretary: Ms. Jamyang Choeden  
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Year established : October 1986

## BRUNEI DARUSSALAM

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Secretary-General: Mr Dato Paduka Haji  
Sheikh Adnan bin Sheikh Mohama  
The Brunei Darussalam National  
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Year established :

## CAMBODIA

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Secrétaire général adjoint: M. Chuch  
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Secrétaire général adjoint : M. Yos Eang  
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Year established : 1951

## CHINA

Chairperson: Mr Xincheng Zhang  
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Xiaogang Tian)  
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 Year established : February 1979

### COOK ISLANDS

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 Secretary-General : Mr Michael Mitchell  
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 Year established : 1993

### DPR KOREA (Republic Populaire Democratique de Coree)

Président: M. Choé Su Hon  
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 Year established : December 1974

### FIJI

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 Year established : January 1993

### INDIA

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 Director : Mr Shailendra K. Sharma  
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 Year established : March 1949

### INDONESIA

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 Year established : 20 October 1952

### IRAN (ISLAMIC REPUBLIC OF)

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 Year established : July 1948

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Year established : August 1952

## KAZAKHSTAN

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Year established : December 1992

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## LAO PEOPLE'S DEMOCRATIC REPUBLIC

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## MARSHALL ISLANDS

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## NAURU

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Year established : February 1998

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## NEW ZEALAND

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Year established : March 1993

## PAKISTAN

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## PHILIPPINES

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## REPUBLIC OF KOREA

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 index.html](http://www.unesco.or.kr/eng/index.html) (English)  
 Year established : January 1954

## RUSSIAN FEDERATION

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 Affairs)  
 Year established : 1955

## SAMOA

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 Year established : -

## SOLOMON ISLANDS

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 December 2007; replacing Mr. Snyder Rini)  
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 Year established : 2005

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 Year established : 1949

**TAJIKISTAN**

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 Year established : 1994

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 Secretary-General : Mr Chinnapat Bhumirat  
 Deputy Secretary-General : Ms Churairat Sangboonnum

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 Year established : October 1949

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# PARTNERS OF UNESCO

## Government Authorities

Country	Name	Unit
Australia	Bureau of Meteorology	HYD
	Bureau of Technology	GEO
	Department of the Environment and Water Resources	ECO
Brunei Darussalam	Department of Fisheries, Ministry of Industry and Primary Resources	CSI
	Department of Forestry, Ministry of Industry and Primary Resources	CSI
	Ministry of Culture, Youth and Sports	CLT
	Research and Development Unit (R&D) Ministry of Development	EST
	Science, Technology and Environment Partnership Center (STEP), Ministry of Education	EST
Cambodia	Ministry of Water Resources and Meteorology	HYD
Canada	The Canadian Embassy in Jakarta	TEWS-JTIC
China	Chinese Academy of Sciences	GEO
	Ministry of Water Resources	HYD
India	Volcanological Survey of Indonesia	GEO
Indonesia	Agency for Meteorology and Geophysics (BMG)	GEO
	Agency for the Assessment and Application of Technology (BPPT)	CSI
	Coordinating Ministry of People's Welfare	CLT/CSI/ ECO
	Curriculum Development Centre of the Office for the Ministry of National Education	CSI/ED
	Department of Communication and Information Technology	CI
	Department of Marine Affairs and Fisheries	CSI
	Department of Non Formal Education of Nanggroe Aceh Darussalam Province	EDU
	Directorate General of Higher Education for Ministry of National Education	EDU
	Directorate General of Kindergarten and Primary Education for Ministry of National Education	EDU
	Directorate General of Quality Improvement for Teachers and Education Personnel for Ministry of National Education	EDU
	Directorate of Higher Education (DIKT), MonE	EST
	Education Quality Assurance Institution (LPMP)	EDU
	Faculty of Education, State University of Bandung (UPI)	EDU
	Faculty of Education, State University of Jakarta	EDU
	Faculty of Education, State University of Jogjakarta	EDU
	Faculty of Education, State University of Malang	EDU
	Faculty of Education, State University of Mataram	EDU
	Faculty of Education, State University of Semarang	EDU
	Faculty of Education, State University of Surabaya	EDU
	Gadjah Mada University	BSC
Indonesia Association of Geologists	GEO	
Indonesian Institute of Sciences	BSC	
Indonesian National Commission for UNESCO	BSC/ECO/CSI/HYD/GEO/EST/ED/ CLT/CI/TEWS-JTIC/HIV-AIDS/CSI	
Indonesian National Planning Board (BAPPENAS)	CSI	

Country	Name	Unit
	Institut Teknologi Bandung	BSC
	Ministry for Research and Technology	BSC
	Ministry of Culture and Tourism	CLT/HIV-AIDS
	Ministry of Environment	CSI/ECO
	Ministry of Foreign Affairs	CLT
	Ministry of Forestry	CSI/ECO
	Ministry of National Education	EDU/EST/HIV-AIDS
	Ministry of Religious Affairs (MoRA)	EDU
	Ministry of Research and Technology	CI
	Nanggroe Aceh Darussalam Provincial Library	CI
	Non Formal Education and Youth Development Center (BPPLSP) Region II Jayagiri	EDU
	Region III Semarang Indonesian National Planning Board (BAPPENAS)	EDU
	State Ministry for Research and Technology	TEWS-JTIC
Japan	Ministry of Education, Culture, Sports, Science and Technology (MEXT)	CSI/ECO/HYD
Jerman	The Federal Minister for Research and Education	TEWS-JTIC
Lao PDR	Department of Meterology and Hydrology	HYD
	Science, Technology and Environment Agency (STEA)	ECO
Malaysia	Department of Irrigation and Drainage (DID)	HYD
	Malaysian National Commission for UNESCO	HIV-AIDS
	Ministry of Culture, Arts and Heritage	CLT
	Ministry of Education	EDU/HIV-AIDS/EST
	Ministry of Health	HIV-AIDS
	Ministry of Science, Technology and Innovation	BSC
	Forest Department of Sarawak	ECO
Myanmar	Forest Resources Environment Development and Conservation Association (FREDA)	ECO
	National Institute of Water and Atmospheric Research Ltd. (NIWA)	HYD
New Zealand	Commission of Higher Education	HIV-AIDS
Philippines	Department of Education	EDU/HIV-AIDS
	National Commission for Culture and the Arts (NCCA)	CLT
	National Committee of Geological Science c/o. Bureau Mines and Geosciences	GEO
	UNESCO National Commission of the Philippines	HIV-AIDS
Republic of Korea	Jeju Special Sel-Governing Provincial Government	ECO
Spain	Ministry of Environment	ECO
	Organismo Autónomo de Parque Nacionales (OAPN), Ministry of Environment	ECO
Thailand	National Center for Genetic Engineering and Biotechnology (BIOTEC)	BSC
Timor-Leste	Ministry of Education and Culture	CLT/ED/ED
Vietnam	Vietnamese Academy of Sciences	HYD

## National Institutions, Professional Associations, Universities, Educational and Research Institutes

Country	Name	Unit
Australia	Centre for Cultural Materials Conservation, University of Melbourne	CLT
	Museum and Art Gallery of the Northern Territory (MAGNT)	CLT
	University of Western Sydney	BSC
Bangladesh	Bangladesh University of Energy and Technology (BUET)	EST
Brunei Darussalam	Institute Technology of Brunei (ITB)	EST
	University of Brunei Darussalam (UBD)	EST/CSI
Cambodia	Institute Technology of Cambodia	EST
	Tonle Sap Biosphere Reserve Secretariat	ECO
China	Chinese Academic of Science	ECO
	International Research and Training Centre on Erosion and Sedimentation, China (IRTCES)	HYD
Germany	Federal Institute of Hydrology (BAFG)	HYD
India	Indian Institute of Technology	EST
Indonesia	Agency for the Assessment and Application of Technology (BPPT)	TEWS-JTIC
	Borobudur Heritage Conservation Institute	CLT
	Department of Biology, Syiah Kuala University (Unsyiah)	CSI
	Department of Biology, University of Indonesia (UI)	CSI
	DR. Soetomo Press Institute	CI/CSI
	Early Childhood Education (PAUD) Forum	EDU
	Fisheries and Marine Science Faculty, Bogor Agricultural University (IPB)	CSI
	Fisheries Diving Club (FDC) - IPB	CSI
	Indonesia Association of Geologist	GEO
	Indonesia Institute of Technology (ITI)	GEO
	Indonesian Chamber of Commerce and Industry (Kadin)	CLT
	Indonesian Coral Reef Working Group (ICRWG)	CSI
	Indonesian Institute of Sciences (LIPI)	ECO/GEO/HYD/TEWS-JTIC/CI
	Indonesian national news agency Antara	CSI
	Indonesian University of Education	HIV-AIDS
	Indonesia's Press Council	CI
	Indonesia's Private Radio Broadcasters Association (PRSSNI)	CI
	InfoKespro	CI
	Institut Teknologi Bandung (ITB)	EST/HYD/TEWS-JTIC
	L'Oreal Indonesia	HIV-AIDS
	LIPI Research Centre for Oceanography (CRITC- COREMAP- LIPI)	CSI
	Meteorological and Geophysical Agency	TEWS-JTIC
	National Archive Agency (ANRI)	TEWS-JTIC
	National Coordination Agency for Disaster (Bakornas)	TEWS-JTIC
	National Handicrafts Council (DEKRANAS) of the Republic of Indonesia	CLT
	National Museum of Indonesia	CLT
	National Scout Movement (Pramuka)	CSI
	Provincial Archive Agency of Aceh (BAD Aceh)	TEWS-JTIC
	Radio Republik Indonesia (RRI)	CSI
	SEAMEO - Biotrop, Bogor	CSI
	Seribu Islands Marine National Park	CSI
	Southeast Asian regional Centre for Tropical Biology (SEAMEO-BIOTROP), Bogor	ECO
Special Interest Group in Marine Biology (SIGMA B - UI)	CSI	
State University of Nusa Cendana	HIV-AIDS	
State University of Padang	HIV-AIDS	
Tsunami Disaster Mitigation Research Centre, Syiah Kuala University	TEWS-JTIC	
Universitas Brawijaya (Unibraw), Malang	EST	

Country	Name	Unit
	Universitas Hasanuddin (Unhas), Makassar	EST
	Universitas Indonesia (UI)	EST
	Universitas Indonesia, Fakultas Ilmu Sosial dan Politik (FISIP-UI)	CI
	University of Bung Hatta, Padang	CSI
	University of Gadjah Mada	CLT
	University of Sumatera Utara	CLT
Iran	International Centre on Qanats & Historic Hydraulic Structures (ICQHS)	HYD
	Regional Centre on Urban Water Management (RCUWM)	HYD
Italy	University 'La Sapienza' Roma	HYD
Japan	International Centre for Biotechnology, Osaka University	BSC
	International Centre for Water Hazard and Risk Management, Japan (ICHARM)	HYD
	Japan Agency for Marine-Earth Science and Technology	HYD
	Nagoya University	GEO/HYD/EST
	National Institute of Informatics, The Graduate University for Advanced Studies, Japan	EST
	Tokyo Institute of Technology	BSC
	University of Tokyo	GEO
	University of Tsukuba	GEO
Korea	Seoul National University	GEO
Malaysia	Regional Humid Tropics Hydrology and Water Resources Centre for Southeast Asia and the Pacific (HTC)	HYD
	School of Environmental and Natural Resources Sciences, Faculty of Sciences and Environment, University of Kebangsaan Malaysia	ECO
	Universiti Putra Malaysia	BSC
Myanmar	University of Computer Science Yangon	EST
Philippines	Aquaculture Department, Southeast Asian Fisheries Development Centre (AQD-SEAFDEC)	CSI/ECO
	Ateneo de Manila University	BSC
	Department of Science and Technology	BSC
	Mindanao State University, Naawan, Philippines	ECO
	Palawan Center for Sustainable Development	ECO
	Philippines Normal University	HIV-AIDS
	University of Philippines Los Banos	CSI
	University of the Philippines, Manila	CSI/HIV-AIDS/HYD
Regional	National Committee for the International Hydrological Programme	HYD
	South Pacific Applied Geoscience Commission (SOPAC)	HYD
Singapore	National University of Singapore	EST/CSI
Thailand	Prince of Songkhla University	EST
	Asian Institute of Technology	EST
	Chulalongkorn University	BSC
	Mahidol University	BSC
	Mangrove and Wetland Management Division, Department of Marine and Coastal Resources	ECO
	Phuket Marine Biological Centre (PMBC)	CSI
Turkey	Istanbul Teknik Universitesi	GEO
Vietnam	Can Gio Mangrove Biosphere Reserve Board, Forestry Department of Ho Chi Minh City	ECO
	Center of Molecular Biotechnology, Vietnam National University	BSC
	Centre for Environmental Research and Education (CERE), Hanoi University of Education	ECO
	Hanoi University of Technology	EST

## Non Governmental Organizations (NGOs), Community-based Organizations, Foundations, Private Enterprises and other non-governmental bodies

Country	Name	Unit
Belgium	Ommersteyn Foundation	ECO
Brunei Darussalam	Brunei Shell Petroleum Company Sendirian Berhad (BSP)	EST
	Brunei Tourism Center, Ministry of Industry and Primary Resources	EST
	Royal Brunei Airlines	EST
France	French Red Cross	JTIC
Indonesia	Aceh Cultural Institute	CLT
	Association of Indonesian Puppeteers (PEPADI)	CLT
	Bamper Madani	CLT
	Borobudur Centre	CLT
	Central Design Consultant	CI
	Conservation International	CSI/ECO
	Disaster Reduction And Management (DReAM), UPN University, Yogyakarta	CSI
	Elsaka, Nias	CSI
	Flora Fauna International Indonesia Programme	ECO
	Forum Fasilitator Penanggulangan Bencana, Teluk Dalam, Nias	JTIC
	IDEP Foundation	CSI/HYD
	International Development Partners (IDP) Norway	BSC/HIV-AIDS
	Indonesia Linux Mover Foundation	CI
	Indonesia National AIDS Commission	HIV-AIDS
	Indonesian Biodiversity Foundation (KEHATI)	CSI
	Indonesian Coral Reef Foundation (Terangi)	CSI
	Indonesian Heritage Trust	CLT
	Indonesian National Wayang Secretariat (SENA WANGI)	CLT
	Indonesian Society for Disaster Management (MPBI)	CSI
	Institute for Press and Development Studies (LSPP)	CI
	Jogja Gallery	CLT
	Jogja Heritage Society	CLT
	Komite Kemanusiaan Indonesia	HIV-AIDS
	Komunitas Siaga Tsunami (KOGAMI)	ECO
	Komunitas Siaga Tsunami in Padang (KOGAMI)	JTIC
	Masyarakat Penanggulangan Bencana Indonesia (MPBI)	JTIC
	National Geographic Indonesia	CLT
	Naturae Indonesiana (NATURINDO)	ECO
	Nurul Fikri Education Foundation	CI
	Palang Merah Indonesia	JTIC
	People Living with HIV Organization	HIV-AIDS
	Perkumpulan Siberut Hijau (PASIH)	ECO
	Persatuan Radio, Bantul, DI Yogyakarta	CI
	Plan International	BSC
	Pragola Radio, Pati, Central Java	CI
	Pusat Pengembangan Masyarakat Agrikarya (PPMA)	HYD
Rare International	ECO	
Rona Puspita Radio, Kendal, Central Java	CI	
Sacred Bridge Foundation	CLT	
Sain, Estetika, Teknologi (SET) Foundation	CI	
Save the Children UK	BSC	
Sumatra Heritage Trust	CLT	
The Indonesian Child Welfare Foundation	CI	
The Nature Conservancy (TNC)	CSI/ECO	
Wildlife Conservation Society (WCS) Indonesia Programme	CSI	

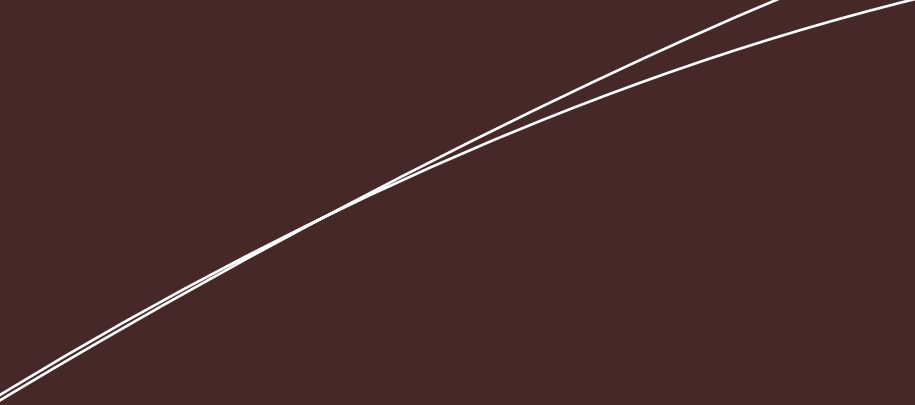


Country	Name	Unit
	World Conservation Society Indonesia Programme	ECO
	World Wide Fund Indonesia Programme	ECO
	Yayasan AIDS Indonesia	HIV-AIDS
	Yayasan Citra Mandiri	ECO
	Yayasan Gajah Sumatera / The Elephant Foundation (YAGASU)	ECO
	Yayasan Pelita Ilmu	HIV-AIDS
	Yayasan Ragi Buana / Ragi Buana Foundation	ECO
Japan	Center for Robotics Education and Future Sciences, (CREFUS) JS-Robotic Inc.	EST
Malaysia	Asia-Pacific Institute for Broadcast Development (AIBD)	CI
	HUTAN - Kinabatangan Orangutan Conservation Project	ECO
	Malaysian AIDS Council	HIV-AIDS
Philippines	Civil Society Network for Education Reform, Inc. (E-Net Philippines)	EDU
	Philippines National AIDS Council	HIV-AIDS
Singapore	Asia Media Information and Communication Centre (AMIC)	CI
Thailand	South-East Asia Press Alliance (SEAPA)	CI
Timor Leste	Community Learning Centers in Barartete, Kraras, Ililapa	EDU
	OISCA Timor Lorosae	ECO
	Timor Leste Media Development Centre	CI
	Timor Leste Photographers' Association (TILPA)	CLT
		ECO

## International Bilateral and Multilateral Cooperation Agencies

Country	Name	Unit
Australia	Wet Tropics Management Authority (WTMA)	TEWS-TIC
Canada	Canadian International Development Agency, Canada	TEWS-TIC
German	Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)	TEWS-TIC
	Geo Forschungs Zentrum (GFZ)	TEWS-TIC
	Gesellschaft für Technische Zusammenarbeit (GTZ)	TEWS-TIC
	InWent	HYD
Indonesia	Embassy of the Royal Netherlands	HIV-AIDS
	L'Oreal Indonesia	HIV-AIDS
	Plan International	HIV-AIDS
	Save the Children UK	BSC
	UN Theme Group on HIV and AIDS	HIV-AIDS
	UNAIDS Indonesia	HIV-AIDS
	UNFPA Indonesia	EDU/HIV-AIDS
	United Nations Children's Fund (UNICEF)	EST
	United Nations Center for Alleviation of Poverty through Secondary Crops' Development in Asia and the Pacific (UNCAPSA)	EST
Japan	School on Internet (SOI), Keio University, Japan	CI
Malaysia	Asia-Pacific Institute for Broadcast Development (AIBD)	BSC
	Institut Kimia Malaysia	BSC
	International Council of Science (ICSU)	HIV-AIDS
Philippines	UNAIDS Philippines	CI
Singapore	Asian Media Information and Communication Centre (AMIC)	ECO
Spain	Agencia Española de Cooperación Internacional para el Desarrollo (AECID)	TEWS-TIC
USA	International Tsunami Information Centre, Hawaii, USA	ECO

Country	Name	Unit
International	United Nations International Strategy for Disaster Reduction (UNISDR)	EDU
	Asia Pacific Cultural Centre for UNESCO (ACCU)	CSI/EDU
	Asian Development Bank (ADB)	EDU
	Australian Aid (AUSAID)	CSI
	German Academic Exchange Service (DAAD)	CLT
	International Council of Museums (ICOM)	CLT
	International Council on Monuments and Sites (ICOMOS)	EDU
	New Zealand's International Aid and Development Agency (NZAID)	CSI
	Reef Check Indonesia	CSI/ECO
	The World Conservation Union (IUCN)	CSI/HYD
	UN International Strategy for Disaster Reduction (ISDR)	CSI/JTIC
	UN Technical Working Group on Disaster Risk Reduction	EDU/HYD
	United Nations Development Programme (UNDP)	EDU
	United Nations Volunteers	CSI/EDU
World Bank		



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- Reducing poverty through education for all, applying scientific knowledge to the benefit of the poor, and removing social, cultural and communications barriers to equity.
- 'Humanising globalisation' through building cultural and communication bridges, assurance of cultural heritage and empowerment of the marginalised to participate.
- Bridging the digital divide through socio-technical innovation.
- Redressing marginalisation of women and young people.
- Assisting in combating the threat of HIV/AIDS through providing essential knowledge, and changing negative attitudes and behaviours through education and advocacy.
- Empowering indigenous cultures confronting the modern world.
- Creating a sustainable world for present and future generations through linking science and ecological knowledge with an understanding of community and social processes.
- Promoting freedom of expression, free flow of information and press freedom.
- Promoting peace by addressing the challenges of globalisation - root causes of poverty, equity of access to knowledge and natural resources, and the ethical values and attitudes that lie behind global action.

