

UNESCO's water-related activities at COP21

November - December 2015, Paris

ACTIVITIES

1. Exhibition: "Mountains: early warning systems for climate change"

2-28 November, UNESCO fences
1-20 December, Cité Universitaire

2. IHP Lunch Talk: "Addressing water security under climate change"

4 November, Salle Ségur, UNESCO HQ

3. Paris Pact side-event: "Adaptation to climate change in the basins of rivers, lakes and aquifers"

1 December, COP21, Le Bourget

4. Film projection and round table: "Ice & Sky",

2 December, Cité Universitaire

5. Water and Climate Day

2 December, COP21, Le Bourget

6. International Conference: "Water, Megacities and Global Change"

1-4 December 2015, UNESCO HQ

7. Outreach Event: "Raising awareness on Climate Change: Key findings of the IPCC 5th Assessment Report (AR5)"

7 December 2015, UNESCO HQ

8. UN-WATER Side Event: "The pivotal role of water in climate change adaptation and mitigation"

7 December 2015, COP21, Le Bourget

9. "Implementing the Paris Agenda; The waterway forward"

8 December 2015, Swedish Institute

10. UNESCO Exhibition Booth:

Water and Climate Day

2 December, COP21, Le Bourget



1. Exhibition “Mountains: early warning systems for climate change”

Dedicated to the 70th Anniversary of UNESCO and the commemoration of the 50 years of UNESCO Water Programmes (Label COP21)

2-28 November UNESCO fences

1-20 December Cité Universitaire



The Exhibition “*Mountains: early warning systems for climate change*”, has been developed by the UNESCO International Hydrological Programme (IHP) and the Man and Biosphere Programme (MAB). It features satellite images of different mountain regions worldwide, many of which are UNESCO Biosphere Reserves and World Heritage sites.

The exhibition highlights the critical functions of mountains and the implications of climate change for mountain ecosystems, water resources and livelihoods. Furthermore, the focus will lie on the local impacts and various adaptation and mitigation strategies that local populations are setting in place.

Sixteen panels of 2,40m x 1,20m featuring satellite images across a time span will show the impacts of climate change on mountains and specifically on glacier melting. This will be complemented with on the ground photography and texts in English and French

explaining the effects, the different mitigation and adaptation strategies carried out by the population, and the different projects that UNESCO has in those areas to help population to cope with climate change.

With the support of:

- Permanent Delegation of the French Republic to UNESCO, Flanders Trust Fund.

Partners:

- Japan Aerospace Exploration Agency (JAXA),
- GRID-Arendal,
- Cité Internationale Universitaire Paris

Overall Coordination:

UNESCO IHP: Blanca Jiménez-Cisneros, Siegfried Demuth, Anil Mishra and Bárbara Ávila
Logistics : Barbara Kavuma Lwanga

UNESCO MAB: Maria Rosa Cárdenas Tomažič and Peter Dogse.

More information:

<http://en.unesco.org/events/mountains-early-warning-systems-climate-change>

2. IHP Lunch Talk

"Addressing Water Security under Climate Change"

Dedicated to the 70th Anniversary of UNESCO and the commemoration of the 50 years of UNESCO Water Programmes

Wednesday 4 November, 13h30
Salle Segur, UNESCO HQ



The IHP Lunch Talk will be attended by representatives of UNESCO Member states, to share experiences, views and recommendations on coping with climate change impacts on water resources, for the development of adaptation strategies. A key note speaker will be welcomed to share his experience, Jérôme Chappellaz, senior scientist (Directeur de Recherche) at CNRS, and researcher at the LGGE of Grenoble, France, a first-class laboratory specialized in glaciology and climate science.

The aim of the meeting will be to raise awareness about the challenges that the climate change impacts present. The IHP Lunch Talk is set in view of COP21, to enhance collaboration between science and policy makers as suggested during the inception meeting *"Addressing Water Security: Climate Impacts and Adaptation responses in Africa, the Americas, Asia and Europe"* held last February in Paris, France.

Overall Coordination:

UNESCO IHP: Blanca Jiménez-Cisneros, Anil Mishra and Bárbara Ávila.

More information:

<https://en.unesco.org/events/ihp-lunch-talk-addressing-water-security-under-climate-change>

3. Paris Pact side-event: “Adaptation to climate change in the basins of rivers, lakes and aquifers”

Tuesday 1 December 15:45 - 17:15
COP21, Le Bourget (Room 10, Climate
Generations Areas)



UNESCO-IHP will take the opportunity of the signature of the “Paris Pact on Water and Adaptation to Climate Change in the Basins of Rivers, Lakes and Aquifers” (Paris Pact) at COP21 to present results of the GRAPHIC (Groundwater Resources Assessment under the Pressures of Humanity and Climate Change) project initiated in 2004. This project is aimed at better understanding the effects of climate change on global groundwater resources. Since its inception, GRAPHIC has provided a platform for exchange of information through case studies, thematic working groups, scientific research, and communication. It serves the global community through providing scientifically based and policy-relevant recommendations, and use regional and global networks to improve the capacity to manage groundwater resources.

GRAPHIC results are synthesized in a Position Paper that will be launched during the “Paris Pact” event, and highlights the important role groundwater has in meeting the demands for drinking water, agricultural and industrial activities, and sustaining ecosystems, particularly in the context of adaptation to and mitigation of the impacts of climate change. The Position Paper is also a call to action and outlines several key recommendations that are particularly relevant for future international climate negotiations.

The “Paris Pact” is being organized under the overall coordination of the International Network of Basin Organizations (INBO), and calls on organizations involved in basin management, such as national and transboundary basin organizations, but also governments, international organizations, donors, local authorities, companies and civil society organizations, to implement principles and actions for basin adaptation to climate change.

Overall Coordination: INBO

UNESCO-IHP Coordination: Alice Aureli, Tales Carvalho Resende

More information:

<http://en.unesco.org/events/unesco-graphic-call-action-considering-importance-groundwater-climate-change-mitigation>



4. Film projection and round table: “Ice & Sky” (in presence of Claude Lorius) 2 December Cité Universitaire

In the framework of the Exhibition “*Climate change and mountains*”, UNESCO International Hydrological Programme (IHP) and the Man and Biosphere Programme (MAB) partnership with Wild-Touch to organize a round table with Claude Lorius, prominent French glaciologist.

Drilling down the Antarctic icefields in the 1950’s, Claude Lorius brought about a sweeping change in our vision of the world as they discovered the origins of climate change. Today, the latter offer new means for transforming man’s imprint on its environment.

With the film *Ice & Sky*, Wild-Touch and Luc Jacquet travel back to the genesis of collective intelligence and forge a bond between the past and present stakeholders and the general public. Stemming from such a promise, a dynamic will encourage each one of us to join forces and respond to climate change, and together rewrite the rules of our future society.

With the support of:

- Permanent Delegation of the French Republic to UNESCO, Flanders Trust Fund.

Partners:

- Wild Touch Association
- Cité Internationale Universitaire Paris

Overall Coordination:

UNESCO IHP: Anil Mishra and Bárbara Ávila

UNESCO MAB: Maria Rosa Cárdenas Tomažič and Peter Dogse.

Wild-Touch: Laurent Desse

More information:

<http://www.ciup.fr/citescope/cop-21-la-glace-et-le-ciel-58051/>



5. Water and Climate Day

“Climate is Water: Solutions for the future”

Wednesday 2 December 2015,
Auditorium Nelson Mandela, Le Bourget



Climate change negotiations will focus mainly on the greenhouse gas emissions, but water has a role to play in Lima Paris Action Agenda. To better transpose this into action, it is envisaged to tackle it under the Resilience thematic day, and to dedicate half a day on water and adaptation to climate change on December 2 at COP21.

During this day, actors will engage into cooperative initiatives (commitments to action for water and climate change) in order to support the implementation of the Action Agenda.

Activities (TBC):

In the morning there will be an accredited/closed session for 2 hours ‘water adaptation to climate change’ in the blue zone. In parallel the AGWA event will take place at the 500 seat Mandela Room from 09:30 to 14:00 located in the open access Civil Society Zone. The first session will introduce the Water and Climate Day key messages and AGWA, and then during the second session it will be share and discuss some interesting solutions and project examples.

The World Water Council would use the room for 1 hour for a press conference to feedback and consolidate on the Water and Climate Day events.

Overall Coordination:

AGWA, World Water Council

6. International Conference: “Water, Megacities and Global Change” (label COP21)

UNESCO HQ (Tuesday 1 to Friday 4 December 2015)



The International Conference “Water, Megacities and Global Change” organized by the International Hydrological Programme (UNESCO-IHP) in partnership with ARCEAU-IdF, the association of water professionals, researchers, decision-makers and elected officials from the Paris metropolitan area.

This conference is a contribution to the activities of the current phase of the UNESCO-IHP programme that is devoted to Water Security.

The event will bring together scientists, experts in urban services, politicians and representative of the civil society to discuss the challenging and urgent water management issues that are occurring in large urban areas especially in a context of climate change.

A set of sessions is specifically devoted to the civil society, aiming at launching an initiative, under the leadership of IHP, for the creation of an international network to foster cooperation between megacities. As a result of the debates in these sessions, a declaration will be prepared to address the need for more attention to water in an urban context as a tool for adaptation to climate change. The declaration will be conveyed to the main stakeholders of the COP21.

The conference will also be the occasion to gather experts on groundwater, main source of water in several megacities. The session “Groundwater in Megacities” will be organized by IHP in partnership with the International Association of Hydrogeologists (IAH).

Overall Coordination:

UNESCO-IHP (Blanca Jiménez-Cisneros, Alice Aureli, Bruno Nguyen (b.nguyen@unesco.org))

More information:

<http://eaumeqa2015.scienceconf.org>





7. Outreach Event: "Raising awareness on Climate Change: Key findings of the IPCC 5th Assessment Report (AR5)"

Monday 7 December 2015, UNESCO HQ, Room II & 7th Floor Salle Segur



UNESCO International Hydrological Programme (IHP), in collaboration with the IPCC Secretariat, is organizing a joint event with a view to highlight the key findings of the IPCC 5th Assessment Report (AR5), within the framework of COP21. The aim of the event will be to raise awareness and to foster a better understanding, especially among policymakers and the general public, about climate science and recommendations in coping climate change.

Programme (TBC)

Salle Segur, 7th Floor

REGISTRATION (for Journalists)	08:00 – 09:00
MEDIA WORKSHOP (Breakfast)	09:00 – 10.30

Room II

REGISTRATION (for Participants)	10:00 – 11:00
OFFICIAL OPENING	11:00 – 11:20

PRESENTATION OF AR5 FINDINGS	11:20 – 12:30
Synthesis Report	11:20 – 11:30
Working Group I <i>"The Physical Science Basis"</i>	11:30 – 11:40
Working Group II <i>"Impacts, Adaptation and Vulnerability"</i>	11:50 – 12:00
Working Group III <i>"Mitigation of Climate Change"</i>	12:00 – 12:10
Q&A Session	12:10 – 12:30
LUNCH BREAK	12:30 – 14:30
SCIENCE-POLICY DIALOGUE	14:30 – 16:00
COFFEE BREAK	16:00 – 16:30
SEMINAR ON EDUCATION AND CLIMATE CHANGE	16:30 – 18:00

Overall Coordination: UNESCO IHP: Blanca Jiménez-Cisneros, Anil Mishra and Bárbara Ávila

Logistics: Barbara Kavuma Lwanga; IPCC: Nina Peeva, Jonathan Lynn

More information: <https://en.unesco.org/events/raising-awareness-climate-change-key-findings-ipcc-fifth-assessment-report>



8. UN Session on Water and Climate at COP21

"The pivotal role of water in climate change adaptation and mitigation"

Monday 7 December 2015, 18:30 to 20:00
COP21, Le Bourget



The event aims to raise awareness on the centrality of water for climate change adaptation and mitigation and the role the United Nations system can play in assisting countries in this regard.

It will demonstrate good practices of how to adapt water management and water services to climate change.

Lead:

UN-Water, coordinated by WMO, UNESCO-IHP and UNECE.

Partners:

UNESCO, UNECE, UNEP, WMO, IFAD, FAO, UNICEF, all members and partners of UN-Water.

Overall Coordination:

UNESCO IHP, WMO, and UNECE

More information:

<http://en.unesco.org/events/pivotal-role-water-climate-change-adaptation-and-mitigation-water-side-event-cop21>





9. Side Event: *Implementing the Paris Agenda; The waterway forward*

Tuesday 8 December 2015 18:30

Swedish Institute, 11 rue Payenne, 75003 Paris, France



Description:

COP21 is an important milestone for climate action. Governments, civil society and cities representatives, the private sector and academia are all gathering in Paris to work towards a binding agreement and a forceful action agenda.

Water underpins all development aspects and is a key building block for prosperity. But climate change triggered water hazards is also a key risk to human beings, the economy and ecosystems. Water resilience is therefore necessary for a successful implementation of the Paris agenda and for sustainable growth. How can we forcefully and jointly raise to the climate challenge post Paris and how can integrating resilient water management provide a powerful mean to unite the world moving forward?

We invite you to listen to three perspectives of how to effectively take integrated climate and water action.

Meet experts and laymen alike and discuss, learn and share your thoughts on the way towards our common future.

Overall Coordination:

-Stockholm International Water Institute (SIWI)
OECD, UNESCO-IHP

More Information:

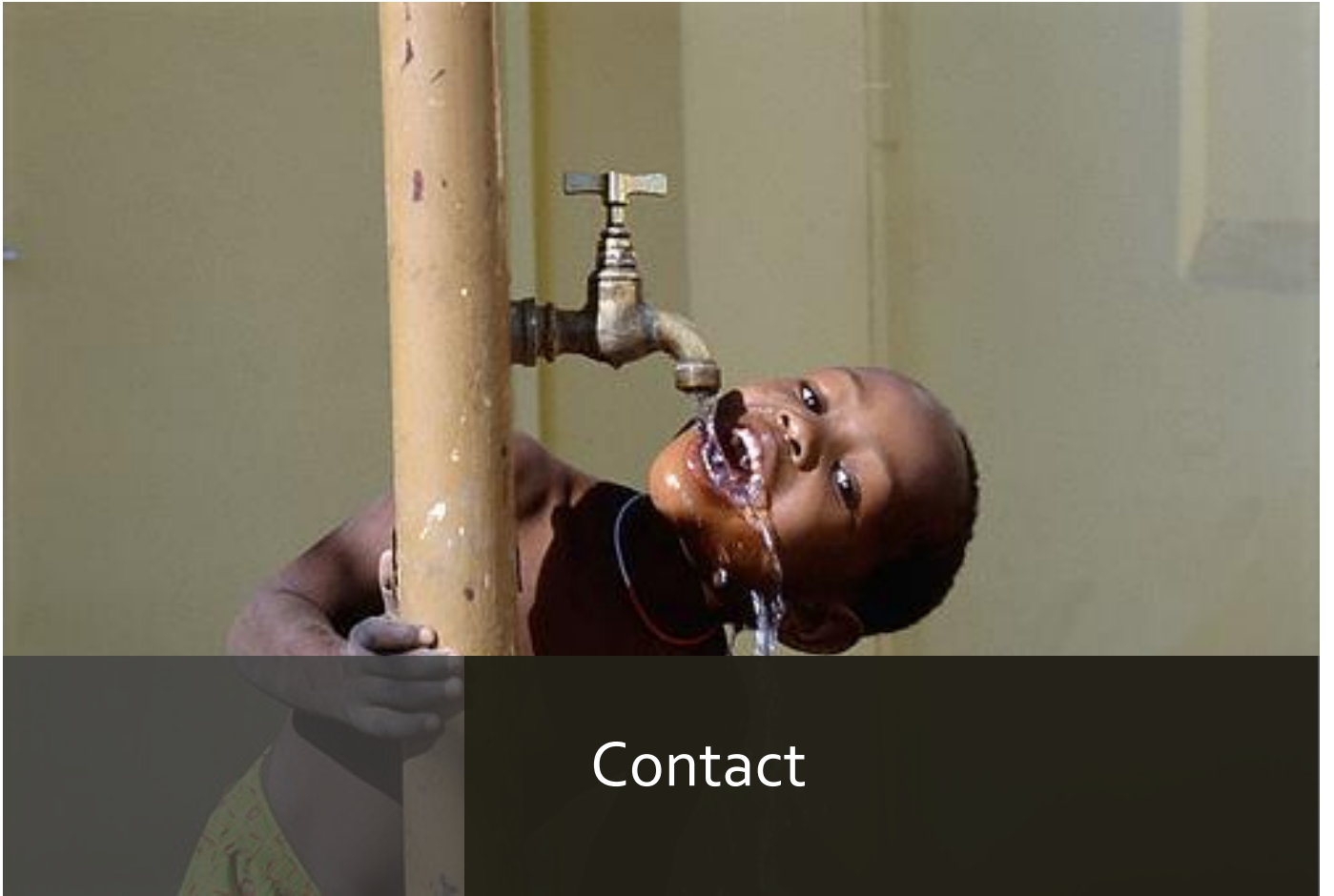
<http://en.unesco.org/events/implementing-paris-agenda-waterway-forward>



Time	Activity
11:00-12:00	<p>Launching of the Book “Water, People and Cooperation – 50 years of water programmes for sustainable development at UNESCO” and High-Level Panel.</p> <p>Moderator: Dr Blanca Jiménez Cisneros, Director, Division of Water Sciences and Secretary of the International Hydrological Programme (IHP), UNESCO;</p> <p>Welcoming remarks by Ms. Flavia Schlegel, Assistant Director-General for Natural Sciences, UNESCO.</p> <p>Speakers: Mr. Sirodjidin Mukhrudinovich Aslov, Minister of Foreign Affairs of Tajikistan; Johannes Cullmann Director of Climate and Water World Meteorological Organization; Mr. Roberto Ramirez de la Parra, Director, CONAGUA, Mexico; Ms. Lucilla Spini, Head of Science Programmes, International Council for Science (ICSU); Mr. Benedito Braga, President World Water Council (WWC) (TBC); Mr. David Korenfeld Federman, Chairperson, IHP Intergovernmental Council.</p> <p>Contact: a.chagankerian@unesco.org; More information: Agenda; 50th anniversary publication</p>
12:00-12:05	<i>BREAK</i>
12:05 – 12:50	<p>Water, People and Cooperation: perspectives from the UNESCO Water Family in the context of climate change”.</p> <p>Moderators: Dr Blanca Jiménez Cisneros, Director, Division of Water Sciences and Secretary of the International Hydrological Programme (IHP), Giuseppe Arduino and Alexander Otte, UNESCO-IHP. Speakers: Dr Adrian Parr, UNESCO Chair on Water Access and Sustainability (USA); Ms Kinga Krauze, European Regional Centre for Eco-hydrology (Poland); Ms Zainab binti Hashim, HTC (Malaysia); Professor Asma El Kasmi, UNESCO Chair "Water, Women and Decision Power" (Morocco); Prof GPW (Graham) Jewitt, African Centre for Global Change and Water Resources Research (South Africa); Mr Manuel Benavides Soto, Water Centre for Arid and Semi-arid Zones of Latin America and the Caribbean (Chile).</p> <p>Contact: n.uribe-pando@unesco.org; g.arduino@unesco.org</p> <p>More information: Provisional programme</p>
12:50-12:55	<i>BREAK</i>
12:55 – 13:40	<p>Workshop on Groundwater and Climate Change. Presentation of the UNESCO-IHP GRAPHIC (Groundwater Resources Assessment under the Pressures of Humanity and Climate Change) Project. Co-Chairs: Alice Aureli, International Hydrological Programme, UNESCO; Professor Marc Leblanc, Université d’Avignon; Professor Laurent Longuevergne, Université de Rennes; Tales Carvalho Resende, International Hydrological Programme, UNESCO.</p> <p>Contact: t.carvalho-resende@unesco.org; More information: Agenda</p>
	<i>BREAK</i>

13:45 - 14:30	<p>Water Education for a sustainable future Closing session of <i>50 Years, 50 Movies on water</i> and presentation of the UNESCO-IHP project for schools in Cape Verde.</p> <p>In partnership with the National Commission of Cabo Verde to UNESCO.</p> <p>Contact: n.uribe-pando@unesco.org; More information: Programme</p>
14:30 –14:35	<i>BREAK</i>
14:35 - 15:20	<p>Panel session: Data Tools and Methodologies to address Water Resources Challenges. Speakers: Abou Amani, UNESCO-IHP; Nico Mölg, World Glacier Monitoring Service Institute of Geography, University of Zurich; Manuel Soto, Water Center for Arid and Semi-Arid Zones in Latin America and the Caribbean (CAZALAC), Chile (TBC); Sanchez Patricia, Research Specialist, International Centre for Water Hazard and Risk Management (ICHARM), Japan.</p> <p>Contact: t.konami@unesco.org; More information: Draft agenda</p>
15:20 - 15:25	<i>BREAK</i>
15:25 - 16:10	<p>International Initiative on Water Quality (IIWQ). Session on Water Quality and Climate Change. Moderator: Giuseppe Arduino Coordinated by: Sarantuyaa Zandaryaa and Ignacio Deregibus Speakers: Chrispine Omondi Juma, Ministry of Water and Irrigation, Kenya; Xavier Leflaive, Organisation for Economic Co-operation and Development, OECD; Sarantuyaa Zandaryaa and Ignacio Deregibus, International Hydrological Programme, UNESCO.</p> <p>Contacts: s.zandaryaa@unesco.org; i.deregibus@unesco.org; More information: Programme</p>
16:10 –16:15	<i>BREAK</i>
16:15 – 17:00	<p>Launch of ‘Transboundary water governance and climate change adaptation: International law, policy guidelines and best practice application’ This publication by the United Nations World Water Assessment Programme (WWAP) is the result of collaboration with prominent partners such as IUCN Environmental Law Center, University of Dundee IHP-HELP Centre for Water Law, Policy and Science and Helmholtz Centre for Environmental Research. The session will highlight the central role of water in climate change adaptation and zoom in on the critical role of water governance in a transboundary context. Speakers: Engin Koncagul (WWAP), Stefan Uhlenbrook (WWAP Coordinator), Alistair Rieu-Clarke (University of Dundee), Juan Carlos Sánchez (IUCN)</p> <p>Contact: e.koncagul@unesco.org; More information: Book launch by WWAP</p>
17:00 –17:05	<i>BREAK</i>
17:05 –17:50	<p>Capacity Development in Water and Climate A session featuring past, present, and future initiatives of UNESCO-IHE. Moderator: Michael McClain Panelists: Gaetano Casale – AfriAlliance; Stefan Uhlenbrook – Postdoctoral Programme on Climate Change Adaptation (PRoACC); William Veerbeek – Resilient Cities Connect.</p> <p>Contact: m.mcclain@unesco-ihe.org; More information: Programme</p>
18:30	<i>Pavilion Closed</i>

Overall Coordination: UNESCO-IHP: Blanca Jiménez-Cisneros, Anil Mishra and Bárbara Ávila



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◀ Oct 2015	~ November 2015 ~						▶ Dec 2015
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
1	2	3	4 1. Exhibition Opening “Mountains: early warning systems for climate change” UNESCO HQ 3. IHP Round Table “Addressing water security under climate change” UNESCO HQ	5	6	7	

◀ Nov 2015	~ December 2015 ~						▶ Jan 2016
		Tue	Wed	Thu	Fri	Sat	
Date TBC 9. Side Event: “Ice loss in the Arctic, Polar Regions and mountains: How it affects us and what to do about it” COP21 Le Bourget		1 5. International conference-- “Water, Megacities and Global Change” UNESCO HQ	2 Water and Climate Day -----Eaumega----- 2. Film projection and round table “Ice & Sky” Cite Universitaire 4. World Water Council, French Water Partnership COP21 Le Bourget 10. UNESCO Exhibition Booth COP21 Le Bourget	3 -----Eaumega-----	4 -----Eaumega-----	5	
6	7 6. “Raising awareness on Climate Change: Key findings of the IPCC 5th assessment report” UNESCO HQ 7. UN-WATER Side Event “The pivotal role of water in climate change adaptation and mitigation” COP21 Le Bourget	8 8. “Implementing the Paris Agenda; The waterway Forward” Swedish Institute	9	10	11 11. UNEP Mountain Day (TBC)	12	