



International Hydrological Programme (IHP)

22nd session of the Intergovernmental Council
Paris, 13-14 and 16-17 June 2016

FINAL REPORT

UNESCO, Paris 2016

TABLE OF CONTENTS

OPENING OF THE SESSION	1
Report of the outgoing Chairperson.....	1
Address by the Director-General of UNESCO	1
Address by the Chairperson of the Executive Board.....	1
ELECTION OF THE INCOMING CHAIRPERSON AND VICE-CHAIRPERSONS	2
ADOPTION OF THE AGENDA AND DETERMINATION OF THE COUNCIL'S METHOD OF WORK	3
INSTITUTIONAL DEVELOPMENTS AT UNESCO.....	3
Developments at the Natural Sciences Sector and the Division of Water Sciences following the 195 th to 199 th sessions of the Executive Board and the 38 th session of the General Conference, including the Programme and Budget for 2016-2017 (38 C/5).....	3
Audit of the governance of IHP.....	3
Report on the follow-up to the audit of the Natural Sciences Sector	4
Report of the governance of UNESCO and dependent funds, programmes and entities (38 C/23)	4
Report on the consultation for the update of the IHP Statutes and of the Rules of Procedure of the IHP Council	4
Report on the consultation regarding the establishment of an Intergovernmental Panel on Water	4
IHP-related extrabudgetary activities	4
Report of the IHP Finance Committee	4
Report of the IHP Communication and Outreach Committee.....	5
Report on the celebration of the 50 th anniversary of the UNESCO water programmes	6
IMPLEMENTATION OF THE RESOLUTIONS AND DECISIONS ADOPTED AT THE TWENTY-FIRST SESSION OF THE IHP INTERGOVERNMENTAL COUNCIL	6
PROGRAMME IMPLEMENTATION	7
Implementation of the eighth phase of IHP (IHP-VIII)	7
Regional perspectives on IHP	10
Follow-up to the external evaluation of IHP-VII, including the report on the IHP National Committees survey.....	10
Cooperation with other UNESCO Programmes	11
IHP ACTIONS IN THE IMPLEMENTATION AND MONITORING OF THE SUSTAINABLE DEVELOPMENT GOAL 6 RELATING TO WATER AND SANITATION	11
UNESCO WATER FAMILY	12
Status and operation of UNESCO Water Family	12
Proposed centres under the auspices of UNESCO	12
UNESCO-IHE Institute for Water Education (category 1)	13
Nominations for office bearers in the Governing Board of UNESCO-IHE (category 1).....	14
World Water Assessment Programme.....	15
RELATIONS WITH UNITED NATIONS, INTERGOVERNMENTAL ORGANIZATIONS AND NON-GOVERNMENTAL ORGANIZATIONS.....	16
Cooperation with the UN System on freshwater issues	16
Cooperation with intergovernmental and non-governmental organizations.....	17

IHP's contribution to the UN-World Water Development Report	17
IHP's role in the International Decade for Action-Water for Life (2005-2015)	17
IHP's role in key international events and agendas	18
OTHER MATTERS	18
ADOPTION OF THE REPORT	18
CLOSURE OF THE SESSION	18

ANNEXES

- I Agenda
- II List of participants
- III List of documents
- IV Adopted resolutions
- V List of acronyms and special terms used in this report

OPENING OF THE SESSION

1. The 22nd session of the Intergovernmental Council of the International Hydrological Programme (IHP) was held at UNESCO Headquarters in Paris from 13 to 14 and from 16 to 17 June 2016. The session was attended by 217 participants, including 64 women. Fifty-five (55) Member States, including the 36 belonging to the Council, were represented, along with five (5) non-governmental organizations (NGOs), sixteen (16) category 2 water-related centres (C2Cs), one (1) category 1 Institute (C1C), one (1) chair, two (2) UN Organizations and three (3) other intergovernmental organizations. The list of participants is attached as Annex II.

Report of the outgoing Chairperson

2. Mr David Korenfeld Federman, the outgoing Chairperson of the IHP Intergovernmental Council, opened the session and welcomed all participants, expressing his wish for fruitful deliberations. He emphasized that water has emerged as one of the key issues on the international agenda due to major global developments such as the adoption of the standalone water goal in the 2030 Agenda for Sustainable Development, the establishment of the High-level Panel on Water, and the recognition of the importance of water in climate change adaptation during the discussions of the 21st session of the Conference of the Parties to the implementation of UNFCCC (COP 21). As major IHP achievements over the past two years, he highlighted: (a) the technical meeting of the IHP Bureau, held in Mexico in November 2014; (b) the celebration of the 50th anniversary of UNESCO water programmes; and (c) the publication “Water, People and Cooperation: 50 years of water programmes for sustainable development at UNESCO”. Mr Korenfeld, as the Chairperson of the Mexican IHP National Committee, further noted that during his tenure, Mexico has initiated the process for the establishment of a category 2 water centre on water security and published a 50th anniversary commemorative stamp.

Address by the Director-General of UNESCO

3. Ms Flavia Schlegel, Assistant Director-General for Natural Sciences, welcomed the delegates on behalf of the Director-General of UNESCO. She highlighted that in 2015, UNESCO celebrated two milestone events – its 70th anniversary and the 50th anniversary of its water programmes – at the same time that countries adopted the 2030 Agenda for Sustainable Development. Emphasizing that water of good quality and in adequate quantities is essential for human health and development, food and energy production and the conservation of ecosystems, as well as for security and peace among nations, Ms Schlegel stressed that major global water challenges were resulting from impacts of economic development and population growth, urbanization, and climate change. She underlined that IHP has redoubled efforts to address these water challenges through its projects and initiatives focusing on water-related disasters, groundwater, water quality and quantity, water cooperation and diplomacy, water in urban and rural areas and water education, implemented in the framework of the eighth phase of the IHP (IHP-VIII). She underscored IHP’s contributions to global efforts related to water such as the UN International Decade on “Water for Life”, the 7th World Water Forum, COP 21 discussions on climate change, and to the implementation of the Sustainable Development Goal (SDG) 6 on water. Stressing that the political dimension of water is increasingly recognized at the highest international level, Ms Schlegel concluded that IHP’s work at the interface of science and policy is more relevant than ever and thanked the Member States for their renewed support.

Address by the Chairperson of the Executive Board

4. Mr Michael Worbs, Chairperson of the Executive Board of UNESCO and Ambassador and Permanent Delegate of Germany to UNESCO, welcomed the delegates on behalf of all members of the Executive Board of UNESCO. Noting that IHP is committed to the protection of water resources and also to planning the landscape for a better world, he highlighted its role in mobilizing international cooperation with a view to improve knowledge and strengthen the science-policy interface through its global network of about 70 water-related centres and chairs. He emphasized the contributions of IHP to the annual United Nations World Water Development Report (WWDR) as an example of UNESCO efforts to foster the potential of water as a catalyst for regional peace

and development. He also underlined that IHP should explore ways to support Member States on monitoring SDG 6. He further highlighted the successful cooperation of IHP with his country on the development of the World Hydrogeological Map in cooperation with the German Federal Institute for Geosciences and Natural Resources (BGR) and the establishment of the International Centre for Water Resources and Global Changes as a UNESCO category 2 water centre. Mr Worbs concluded that IHP must continue its role in mobilizing sound scientific knowledge to promote the change for the “future we want”.

ELECTION OF THE INCOMING CHAIRPERSON AND VICE-CHAIRPERSONS

5. On behalf of Group II – Eastern and Central Europe, the Delegate of Slovenia nominated Mr András Szöllösi-Nagy (Hungary) as Chairperson of the Intergovernmental Council of IHP, in recognition of his extensive experience in water resources management in various national, regional and global organizations, as well as his various publications and awards. The nomination of Mr Szöllösi-Nagy was seconded by the delegations of Sudan, Russian Federation, Republic of Korea, Kazakhstan, Japan, China, Egypt, Mexico, and Indonesia. The Council elected Mr Szöllösi-Nagy by acclamation as its Chairperson.

6. Mr Szöllösi-Nagy, as the elected Chairperson, took the floor to accept his nomination and thanked the Council and its outgoing Chairperson Mr Korenfeld. After recalling his work at the IHP Secretariat, Mr Szöllösi-Nagy praised IHP’s contribution to the science of hydrology and pointed out that IHP was the first programme in the UN system that addressed climate change and sustainable development and that it had evolved from a science programme to one that also addresses societal issues. He further highlighted the importance of the inclusion of category 1 and 2 centres and the World Water Assessment Programme (WWAP) in UNESCO’s Water Family, of IHP’s role in achieving the SDGs and the need to continue enhancing communication between scientists and policy makers. Looking ahead, he emphasized the role of IHP in upcoming events including COP 22, the Budapest Water Summit and the 8th World Water Forum.

7. The Council noted that, in conformity with its Statutes, the IHP Bureau is composed of the elected Chairperson, the outgoing Chairperson and four newly elected Vice-Chairpersons.

8. The Council elected the following Vice-Chairpersons: Mr Helmut Habersack (Austria, Group I – Western Europe and North America); Mr Yasuto Tachikawa (Japan, Group IV – Asia and the Pacific), Mr Cheikh Becaye Gaye (Senegal, Group Va – Africa) and Mr Mahmoud Abu-Zeid (Egypt, Group Vb – Arab States). Mr David Korenfeld Federman, the outgoing Chairperson of the Intergovernmental Council of IHP, remained as Vice-Chairperson (Mexico, Group III – Latin America and the Caribbean).

9. Furthermore, the following members of the Council were elected to the IHP Resolutions Drafting Committee: Ms Hege Hisdal (Norway, Group I), Mr Victor Bourget (Mexico, Group III), Mr Ignasius Dwi Atmana Sutapa (Indonesia, Group IV), Mr Moses O. Beckley (Nigeria, Group Va) and Mr Khelil Ben Abdallah (Tunisia, Group Vb). Ms Jeanna Balonishnikova (Russian Federation, Group II), outgoing Chairperson, remains as an ex-officio member. The Committee elected Ms Hege Hisdal (Norway, Group I) to serve as its Chairperson.

10. The Council elected the following two members to the IHP Finance Committee: Mr Hanwoo Kang (Republic of Korea, Group IV) and Mr Suheil Ahmad Shaheen (The Hashemite Kingdom of Jordan, Group Vb). Group I did not propose a candidate. The Council also noted the continued membership of Ms Olga Golerits (Russian Federation, Group II), Ms Elsa Dominguez (Dominican Republic, Group III) and Ms Paulina Mufeti (Namibia, Group Va). The Committee elected Ms Paulina Mufeti to serve as its Chairperson.

ADOPTION OF THE AGENDA AND DETERMINATION OF THE COUNCIL'S METHOD OF WORK

11. The Council adopted the agenda for its 22nd session, which is reproduced in Annex I of this report, without modification. It agreed to change the order of discussion and the sub-items 8.3 UNESCO-IHE Institute for Water Education and 8.5 World Water Assessment Programme were advanced to be presented and discussed after completion of item 4 Institutional Developments.

12. The Delegate from Cuba expressed her concern about item 4.1, where budgetary issues are included and are not addressed in any other point of the agenda and inquired which audit results will be presented. The Secretary of the IHP Ms Blanca Jimenez-Cisneros stated that budgetary issues as such will be presented in detail in element 4.8 of the Institutional Developments item. She further explained that the activities derived from the external auditor's recommendations were a result of a decision of the 37th session of the General Conference of UNESCO in November 2013 and that other requests made by Member States concerning this same issue (budget) were going to be covered during the Council through other agenda sub-items, such as 4.7 and 4.8 of the adopted agenda.

13. The Delegate from Cuba informed the Council about the 38 C/Resolution 101 on the governance, procedures and working methods of the governing bodies of UNESCO, and noted that the recommendations made by the external audit were not approved by all Member States; thus not all of them were necessarily to be considered by IHP at this stage.

14. The Council took note of the Rules of Procedure of the IHP Intergovernmental Council and of the guidelines and admissibility requirements on the submission of Draft Resolutions as outlined in the "Admissibility criteria, guidelines and rules of procedure for the preparation and consideration of Draft Resolutions (DRs) at the Intergovernmental Council of IHP (revised version, 5 June 2009)", as recommended by the 43rd session of the IHP Bureau (IHP/Bur-XLIII/3, Annex IV) and decided, following the recommendation of the audit of the IHP governance carried out in 2015 and of the 52nd and 53rd sessions of the IHP Bureau, to discuss and adopt relevant Draft Resolutions immediately after an item was debated.

INSTITUTIONAL DEVELOPMENTS AT UNESCO

Developments at the Natural Sciences Sector and the Division of Water Sciences following the 195th to 199th sessions of the Executive Board and the 38th session of the General Conference, including the Programme and Budget for 2016-2017 (38 C/5)

15. The Secretariat informed the Council that the information regarding institutional developments and of the decisions of the 38th session of the General Conference of UNESCO and the 195th to the 199th sessions of the Executive Board having particular importance to IHP, did not require a decision and are presented in document IHP/IC-XXII/Inf.1. The Council members took note of the information provided by the Secretariat.

Audit of the governance of IHP

16. The Council took note of the Secretariat report on the audit of the governance of the IHP. The Cuban Delegate thanked the Secretary for her summary and informed that the process of reviewing governance of all intergovernmental bodies is taking place in UNESCO and that within this process the message is that these bodies should be allowed the space for an adequate decision making; for this to happen it is important that there is debate on the way they function, maintaining their intergovernmental character and not necessarily to follow all the external auditor's proposals, as not all have been approved by Member States.

Report on the follow-up to the audit of the Natural Sciences Sector

17. The Council took note of the Secretariat's report on the follow-up to the audit of the Natural Sciences Sector.

Report of the governance of UNESCO and dependent funds, programmes and entities (38 C/23)

18. This item was discussed together with the next agenda item, as reported below.

Report on the consultation for the update of the IHP Statutes and of the Rules of Procedure of the IHP Council

19. Taking into consideration the various processes related to the governance of UNESCO, the Chairperson proposed that the members of the IHP Bureau review the Statutes and the Rules of Procedure for IHP, considering the views shared during the current Council, analysing the different recommendations made by the external auditor that are pertinent to the Programme, and the current process on the governance of UNESCO Governing Bodies. As part of such review, a consultation with IHP National Committees should be made. Council members further requested that such process has to be made in consultation with all IHP National Committees and focal points, involving also all delegations to UNESCO.

Report on the consultation regarding the establishment of an Intergovernmental Panel on Water

20. The Council considered the report on the consultation regarding the establishment of an Intergovernmental Panel on Water. The Council opposed the creation of such a panel within IHP, stressing that IHP should remain committed to its original mandate, as an intergovernmental scientific programme on water, and noting that two high-level panels on water have already been established at higher levels, which include the High-Level Panel on Water (HLPW) under the UN Secretary General and the High-Level Panel on Water and Peace. The Council invited the Secretariat to formalize its status as friend of the HLPW.

IHP-related extrabudgetary activities

21. Council members took note of the information provided by the Secretariat regarding extrabudgetary activities undertaken during the period June 2014 to May 2016, particularly as these relate to the implementation of IHP at national and regional levels and to the support to Member States in the execution of field activities.

Report of the IHP Finance Committee

22. The Council took note of the report of the Chairperson of the IHP Finance Committee. The Delegate from Poland acknowledged that the current funding situation of UNESCO is complex and suggested to create synergies with UNESCO-IHE. The Chairperson of the IHP Finance Committee stressed that the budget figures presented do not include the finances of UNESCO-IHE. The Delegate from Cuba recalled that a group of priorities was established for the allocation of funds for 37 C/5 and that IHP's Expected Results were part of the approved budget. The Chairperson of the IHP Finance Committee recalled that IHP is the first priority in the Natural Sciences Sector for 38 C/5 and encouraged all members of the Council to maintain effective communications with their respective Permanent Delegations to support IHP in 39 C/5. In response to the question from the Delegate from Argentina about the criteria used to determine funding allocation for 39 C/5, the Secretariat clarified that the priorities are set by Member States and that the allocation of funds is done based on the priorities set in the IHP-VIII and the strategy defined for its implementation by the ad hoc group created during the meeting held in 2013 in Nairobi. With respect to extrabudgetary funding received by IHP, the Delegate from Cuba stressed the importance of

keeping intact the intergovernmental nature of IHP since extrabudgetary funding is not necessarily global in nature.

23. The Delegate from Turkey welcomed the finance report prepared with clear linkages to the implementation matrix, and proposed that flagship reports, such as the WWDR, could be used to showcase UNESCO in fundraising activities. The Delegate from the United Kingdom expressed a concern that staff costs account for the largest portion of the regular budget, and requested a breakdown of these costs among the different IHP themes. The Chairperson of the IHP Finance Committee underlined the difficulty of such a calculation.

24. The IHP Secretary stated that when extrabudgetary finances were taken into account along with the regular budget, activities account for 70% of funds, with the remaining 30% for staff. In addition, she informed the Council that as a high priority, IHP received 81% of the requested budget, which is insufficient to cover the implementation strategy developed by Member States. Furthermore, she highlighted that in order to raise additional funds more staff is needed (as this has been observed to be a bottleneck for this process).

25. The Delegate from Namibia supported the strategic financing dialogue. The Delegate from China agreed with the IHP Secretariat's explanation on the use of regular budget and extrabudgetary funding for staff and activities. The Delegate from Nigeria raised a concern that financial resources are diminishing and recognized the fact that funds for Africa are low, while welcoming fundraising actions.

26. The Chairperson of the Council thanked the outgoing Chairperson of the IHP Finance Committee and confirmed that most of the extrabudgetary funding is earmarked for specific activities. He suggested that category 2 centres could be a source of projects and that their work should be linked more closely with IHP activities. He recalled that the IHP Finance Committee was created to safeguard the integrity of the IHP budget and to raise extrabudgetary funds. He also thanked the Turkish Delegate, who noted the importance of WWAP, and stated that WWAP, IHP, and UNESCO-IHE need to work more closely together.

27. The Council adopted the Draft Resolution XXII-1, Proposal for a procedure to update the IHP Statutes and the Rules of Procedure, on this agenda item with amendments (Annex IV).

Report of the IHP Communication and Outreach Committee

28. As per the Terms of References of the IHP Communication and Outreach Committee presented in document IHP/IC-XXI/6, Annex II, the members of the Committee remained, as follows and until the end of the 23rd session of the IHP Council:

- Group I Ms Rozemarijn ter Horst (The Netherlands)
- Group II Mr Maciej Zalewski (Poland)
- Group III Mr Luis Moreno (Chile)
- Group IV Ms Yan Huang, Chairperson (China)
- Group Va Mr Seydina Oumar Traore (Burkina Faso)
- Group Vb Mr Abdallah Abdelsalam Ahmed (Sudan)

29. The Chairperson of the Committee presented the report of its activities and stated that while communication and outreach were key enablers for all activities of IHP and the UNESCO Water Family, it was necessary to raise the visibility of IHP, especially among the younger audiences. She noted that support for the Committee from members and the Secretariat had been overall

lower than anticipated at the Committee's inception during the 21st IHP Council session. She attributed this to the lack of staff at the UNESCO Headquarters but reported a noticeably enhanced communication and outreach undertaking at Headquarters since 2015. Expressing her hope that the Communication and Outreach Strategy would be updated and implemented, she proposed elements to induce the required development of IHP's communication and outreach in the Committee's related Draft Resolution XXII-3, Implementation of the Proposed IHP Communication and Outreach Strategy.

30. The Vice-Chairperson of Group I underlined the crucial importance of visibility for enhancing the impact of IHP and UNESCO Water Family activities. He pointed out that the term "hydrology" needed a definition for the general public, which clearly linked the Programme to the globally better known water issues at large, while maintaining its successful "brand" name. The Chairperson of the IHP Council seconded this view, suggesting to collectively think about options such as a possible subtitle for the Programme. The Vice-Chairperson requested the IHP Secretariat to perform a survey among IHP National Committees on strategies to better promote public recognition of IHP.

31. The Delegate of the Russian Federation inquired why the IHP website was not accessible directly from the UNESCO homepage and requested that this direct access be established. The Secretariat explained that the current UNESCO-wide website structure organized the access by themes, leading to the access of IHP through the page "Water Security" (<https://en.unesco.org/themes/water-security>). The Chairperson of the IHP Council seconded the request by the Russian Delegation and suggested that the Secretariat convey the Council's request to the relevant service.

32. In the discussion and revision that preceded the adoption of the Resolution XXII-3 on the Implementation of the Proposed IHP Communication and Outreach Strategy (IHP/Bur-LII/Ref.1), several delegations expressed the view that a priority should be placed on improving the communication within the UNESCO Water Family through the systematic exchange of information.

Report on the celebration of the 50th anniversary of the UNESCO water programmes

33. The Council noted with appreciation the Secretariat's report on the activities implemented to celebrate the 50th anniversary of the UNESCO water programmes, including national initiatives such as those in Mexico, and regional ones as the ones in Group IV.

34. Japan reported on the successful celebrations of the anniversary in Group IV through the 22nd IHP-Regional Steering Committee for Southeast Asia and the Pacific (IHP-RSC SEAP). A book was produced, which presented IHP activities in the region and 10 distinguished scientists were recognised for their work in hydrology in the region.

IMPLEMENTATION OF THE RESOLUTIONS AND DECISIONS ADOPTED AT THE TWENTY-FIRST SESSION OF THE IHP INTERGOVERNMENTAL COUNCIL

35. The Secretariat presented a summary of actions taken in the implementation of Resolutions XXI-1 to XXI-8 adopted at the 21st session of the Intergovernmental Council of IHP (document IHP/IC-XXII/10). The Council discussion focused on Resolutions XXI-3, XXI-7 and XXI-8.

36. Resolution XXI-3: Proposal for the Establishment of the World's Large Rivers Initiative (WLRI). The Delegate of Turkey suggested that the upcoming working group meeting of the WLRI (June 2016) presents an opportunity to reconsider the scope and desired outputs of the Initiative. She furthermore proposed that the first step of the Initiative could be the testing of an assessment methodology for large rivers in a small number of pilot countries, before undertaking an assessment of up to 300 large rivers. In response, Mr Helmut Habersack, Vice-Chairperson of Group I and the UNESCO Chair responsible for the WLRI, agreed with the suggestion to set realistic targets at the upcoming working group meeting, and clarified that it was foreseen for the

Initiative to proceed in three phases: the development of a concept paper, the pilot testing of an assessment methodology in 10 large rivers, and finally the expansion of the methodology to a larger number of rivers. Mr Habersack committed to discuss the comments made by the Delegate of Turkey at the upcoming working group meeting for the Initiative.

37. Resolution XXI-7: Monitoring of Water-Related Sustainable Development Goals and the Post-2015 Agenda. The Delegate of Hungary drew attention to the initiative entitled 'Integrated Monitoring of Water and Sanitation Related SDG Targets' (GEMI initiative) referenced in the Resolution and recalled that the aim of the GEMI initiative is very closely related to the water assessment mandate of the WWAP, and questioned whether the GEMI initiative would reinforce the work of WWAP or duplicate it.

38. Resolution XXI-8: Review and Monitoring of IHP's Programmes. The Delegate of the United Kingdom welcomed the work outlined in the Resolution and suggested that the Council adopts the approach described therein, undertakes a review of progress on IHP's programmes using this approach, and presents the finding at the 23rd session of the IHP Intergovernmental Council. He furthermore requested that a permanent reporting mechanism be established to provide regular updates on the progress of IHP's programmes at each of the IHP Council sessions going forward, and informed the Council that the United Kingdom intended to prepare a draft resolution to this effect. The IHP Secretariat welcomed the comments of the United Kingdom, but reminded the Council that an increase in the frequency of monitoring activities would require additional human and financial resources. The Delegate of Germany, while recognizing the restriction of human resources, recalled that one of the primary tasks of the Intergovernmental Council is to monitor the progress of IHP's Programmes and that therefore a process should be in place, including clear criteria against which the programmes could be evaluated. He further suggested that UNESCO's water-related centres and chairs could support the monitoring of IHP's programmes, and that Member States could second professionals to IHP to assist with this process.

39. The Council noted with satisfaction the implementation of the Resolutions adopted at the 21st session of the IHP Intergovernmental Council.

PROGRAMME IMPLEMENTATION

Implementation of the eighth phase of IHP (IHP-VIII)

40. Following presentations by the IHP Secretariat on the progress achieved on the implementation of IHP-VIII through activities in the Programme's six thematic areas that summarize the content presented in document IHP/IC-XXII/Inf.3, the floor was opened for interventions from the Council.

41. The Delegate of Saint Kitts and Nevis stressed that Small Island Developing States (SIDS) are at the frontier of climate change impacts, and outlined issues affecting many of these States such as: contaminated groundwater resources in aquifers, lack of local institutional capacity, scientific knowledge, and appropriate policies and the need to make drought monitoring systems available to Member States. He commended IHP for a publication based on a study of water challenges in SIDS. The Delegate furthermore informed the Council about a high-level ministerial meeting under the auspices of UNESCO that is planned for 2017 and will bring together water experts and other stakeholders from the Caribbean and other Member States of UNESCO. The expected outcomes of the meeting will be a set of recommendations and a declaration on water challenges in the Caribbean. The Delegate informed the Council that the Delegation of Saint Kitts and Nevis would organize separate bilateral discussions with Member States and research institutions to attract key experts and to secure adequate funding to hold a productive conference. The IHP Chairperson invited the Delegation to work with the political process of the 8th World Water Forum in Brazil (2018) to develop synergies.

42. The Delegate of Cuba highlighted the effects of climate change on water availability in Cuba, and commended UNESCO's work on drought monitoring and the development of a drought atlas for the LAC region.

43. The Delegate of the United Kingdom thanked the IHP Secretariat for presenting the IHP activities and suggested that more detailed information on future activities could have been provided in IHP/IC-XXII/Inf.3. He also outlined the gap in reporting from National Committees and category 2 centres, and proposed that synthesis reports of the UNESCO Water Family could also be prepared.

44. The Representative from FAO recognized the achievements of IHP-VIII, notably those focused on water scarcity and climate change adaptation. Noting FAO's initiative on water scarcity, the Representative called for cooperation between FAO and UNESCO-IHP, and expressed FAO's particular interest in IHP activities such as the International Drought Initiative (IDI) and the Global Network on Water and Development Information for Arid Lands (G-WADI). FAO is furthermore leading the organization of a thematic day on food security at COP 22 and calls on IHP to join the event as a partner.

45. The Delegate of the Russian Federation reported on activities undertaken in his country and concerning the recent abnormal hydrological extreme events including flooding in the Amur Basin and the declining water level in Lake Baikal. He indicated that several scientific studies had been undertaken to understand hydrological dynamics of the extreme events and to develop forecasting and adaptation policies.

46. The Representative of the Centre for Water Law, Policy and Science (UNESCO category 2 centre) in Dundee, United Kingdom, reported on the activities implemented by the Centre with a focus on policy frameworks, implementation of national and international water law and SDG implementation.

47. The Delegate of Nigeria thanked UNESCO for approving the establishment of the Regional Centre for Integrated River Basin Management (RC-IRBM) as a category 2 centre in the country, and informed the Council that the Centre has prepared training modules on river basin development.

48. The Delegate of Namibia highlighted the water scarcity situation faced by the country, which experiences severe water shortage and drought. She thanked the G-WADI programme, for providing real-time rainfall data, which has been useful at the operational level for the country's daily flood bulletin as well as for use by farmers for rainfall monitoring. The Delegate also suggested improving the G-WADI tools regarding early flood warning and drought forecasting and informed the Council about the forthcoming African Drought Conference in August 2016 inviting the participants to submit abstracts.

49. The Delegate of Slovenia announced that a UNESCO Chair on Water Related Disasters was established at the University of Ljubljana, and called for more cooperation within the framework of IHP.

50. The Representative of the International Centre for Water Cooperation (category 2 centre under the auspices of UNESCO) hosted by the Stockholm International Water Institute (SIWI), Sweden, informed the Council about the recent activities of the Centre, which focus on water diplomacy and applied research in international water cooperation. The Centre is also working in the Mekong, Nile and Jordan river basins and is interested in enhancing cooperation with other centres, chairs and organizations.

51. The Delegate of China highlighted the importance of IHP-VIII's Theme 4, and particularly its Focal Area 4.4 in the context of emerging cities in developing countries. He also suggested that

the Secretariat could strengthen ties with IHP National Committees for improved communication and dissemination of information.

52. The Representative of the European Regional Centre for Ecohydrology (ERCE) updated the Council on its work regarding environmental risk and sustainable development in catchment areas.

53. The Representative of the International Centre for Integrated Water Resources Management (ICIWaRM) reported on the Centre's activities within the framework of IHP, and stressed its focus on practical aspects of data, tools, education and training. ICIWaRM works on climate change and adaptation policies, hosts the G-WADI Secretariat and provides training courses involving a number of universities in the United States. The Representative furthermore informed the Council about the G-WADI conference that will take place in Beijing later this year.

54. The Representative of the International Research and Training Centre on Urban Drainage (IRTCUD), Serbia, updated the Council on the Centre's recent activities.

55. The Representative of the Regional Centre on Capacity Development and Research in Water Harvesting (RCWH), Khartoum, Sudan, reported on the Centre's recent activities, including the organization of a G-WADI workshop and meeting in Khartoum, as well as ongoing efforts to develop networks in the field of water scarcity.

56. The Representative of the IHP National Committee from Iran reported on category 2 centres in the country, informing the Council that the Regional Centre for Urban Water Management (RCUWM) is working on the seasonal rivers in Asia, that the Centre hosts the Secretariat of the International Drought Initiative (IDI), and that it works closely with the International Flood Initiative (IFI) and the G-WADI programme.

57. The Representative from the International Research and Training Center on Erosion and Sedimentation (IRTCES), China, reported the Centre's activities, and announced that IRTCES will be celebrating its 32nd anniversary as a category 2 centre. The Centre, which hosts the International Sedimentation Initiative (ISI) Secretariat, has undertaken a number of research and training activities on erosion and sedimentation within the framework of IHP activities and regularly publishes results in the International Journal of Sediment Research.

58. The Delegate of the Republic of Korea recalled his country's role as host of the 7th World Water Forum and praised the relevant participation IHP had at this meeting. Furthermore, he extended an invitation to IHP to contribute to the 8th World Water Forum, in his capacity as a Chairman of the event's organizing committee.

59. The representative of Germany's Federal Institute for Geosciences and Natural Resources recalled that the institute has closely collaborated with IHP for 15 years in the context of the WHYMAP initiative and thanked UNESCO for the longstanding relationship. He informed the meeting of the current cooperation in developing a global map of karst aquifers.

60. The IHP Chairperson acknowledged the significant work undertaken within the framework of IHP-VIII by the Secretariat and the UNESCO Water Family, including category 2 centres. He recommended that communication be improved to report the activities of the centres to the Secretariat.

61. The IHP Secretariat took note of the comments from Member States and ensured that in future Council working documents more emphasis will be put on upcoming activities, as well as on cooperation with and reporting by members of the UNESCO Water Family.

62. The Chairperson of the Resolutions Drafting Committee Ms Hege Hisdal (Group I, Western Europe and North America) proceeded to highlight the method of work of the Committee, underlining that three steps were taken in studying draft resolutions: a) consultation with Member

States to clarify content, b) language editing, c) adaptation of the content to UNESCO rules and procedure.

63. The draft resolution on the “Implementation of the Initiative Groundwater Governance: a Global Framework for Action” (Resolution XXII-4) was adopted. The Delegate from Cuba highlighted that for future meetings, it would be appreciated to mention on draft resolutions the agenda item to which they refer to as well to work simultaneously on both English and French versions. The IHP Chairperson highlighted that this was the first time that resolutions were adopted immediately after discussing the corresponding agenda items and not at the end of the Council session. The Secretariat committed to implement this procedure in the future.

Regional perspectives on IHP

64. The IHP Secretariat via its regional hydrologists from UNESCO Field offices in Venice, Montevideo, Jakarta, Abuja and Cairo presented regional activities undertaken by the various field units, followed by interventions by each Vice-Chairperson from the different regions.

65. The Vice-Chairperson from Group Vb highlighted that groundwater resources management and the G-WADI programme were identified as priority areas for the region, which is facing water scarcity. He reported that many activities had been implemented related to the hydrology of wadi systems in cooperation with the UNESCO Cairo Office.

66. The Vice-Chairperson from Group I reported that several regional meetings had been organized in the region. One of the recommendations from the recent Group I meeting was for IHP to focus on fewer focal areas and to conduct mapping exercises to avoid duplication of efforts. The Vice-Chairperson also stated that IHP needs to work on visibility and financing. He furthermore informed the Council that representatives from Group I are meeting with the UNESCO Liaison Office in Brussels and the European Commission to explore funding opportunities.

67. The Vice-Chairperson from Group II reported that the Group has historically made significant contributions to IHP and has provided many scientific products. A Group II meeting was recently hosted by Slovenia and included discussions on the challenge to develop cooperation among Member States, noting that the EU-Danube strategy could lay foundation for such cooperation.

68. The Vice-Chairperson from Group IV reported that the Group has developed the Catalogue of Rivers from Southeast Asia and the Pacific and it is now developing a new catalogue of hydrologic analysis, and has organized an IFI-IDI joint meeting.

69. The Vice-Chairperson from Group Va acknowledged the number of chairs and category 2 centres in the region and emphasized for the need for strengthening networking among these institutions.

70. The IHP Chairperson emphasized the need to further strengthen the IHP National Committees.

71. The Delegate from Cuba added that the issue of social transformation, social inclusion of the youth and access to water should be considered in IHP activities, and that synergies should be developed with UNESCO’s Management of Social Transformations (MOST) Programme.

Follow-up to the external evaluation of IHP-VII, including the report on the IHP National Committees survey

72. The Secretariat informed the Council on the follow-up to the external evaluation of IHP-VII, and the report on the IHP National Committees survey. For the latter, the IHP Secretary presented the results of the survey, highlighting some key elements such as links between the composition of the Committees to their activities, their relations with the National Commissions and their taking

part in the Participation Programme, and finally their communication practices. The Council welcomed the results of the questionnaires and the Secretary's report on the follow-up to the external evaluation of the IHP. There was no debate on this item.

Cooperation with other UNESCO Programmes

73. Representatives from the UNESCO Secretariat presented examples of cooperation between the IHP and the Division of Ecology and Earth Sciences (Man and the Biosphere Programme, MAB, and International Geoscience and Geoparks Programme, IGGP), the Management of Social Transformation (MOST) and Bioethics Programmes of the Social and Human Sciences Sector (SHS), and the Intergovernmental Oceanographic Commission (IOC).

74. The Delegate of Japan recalled the importance of maintaining IHP's cooperation with other relevant programmes of UNESCO since this can bring greater visibility to IHP. One example of this cooperation is the interlinkage between IHP's Ecohydrology initiative and the Man and the Biosphere Programme. He also cited the partnership between IHP and the International Consortium on Landslides (ICL), recalling that the ICL has more than 50 members from 32 countries and it is implementing programmes on landslides in particular in the framework of the International Programme on Landslide (IPL). The Delegate furthermore recalled that the next ICL-IPL meeting will be organized from 15 to 18 November 2016 at UNESCO Headquarters in Paris and that the 4th World Landslide Forum will be organized by ICL from 29 May to 2 June 2017 in Ljubljana, Slovenia. He further reconfirmed Japan's support for the UNESCO Geoparks Programme.

IHP ACTIONS IN THE IMPLEMENTATION AND MONITORING OF THE SUSTAINABLE DEVELOPMENT GOAL 6 RELATING TO WATER AND SANITATION

75. The Secretariat updated the Council on actions taken to promote the key role of water in the 2030 Agenda for Sustainable Development, as follow-up to IHP Resolutions XXI-6 and XXI-7 adopted at the 21st session of the Council. These resolutions called for IHP to support Member States in the development of scientifically sound indicators, parameters, a monitoring framework and associated methodologies for water monitoring in the SDGs framework.

76. The Secretariat recalled its efforts to advocate for a comprehensive approach to the development of a Sustainable Development Goal on water, its contributions to the UN-Water Integrated Monitoring initiative, GEMI, and its responsibility in this context to develop a methodology to monitor progress towards SDG target 6.5.2 on water cooperation.

77. Furthermore, the Secretariat reminded the Council of the transversal nature of water, and therefore the important interlinkages between the achievement of SDG 6 and other goals, such as SDG 1 (no poverty), SDG 2 (zero hunger), SDG 4 (quality education), SDG 5 (gender equality), SDG 11 (sustainable cities and communities), SDG 13 (climate action), and SDG 17 (partnerships for the goals).

78. The Delegate of Kenya introduced a Draft Resolution regarding IHP's support to Member States to build their institutional capacities, human resources and a sound basis in science capacity for the monitoring and implementation of SDG 6 targets and those of other water related goals. The resolution received the support of Namibia and Nigeria. Lively discussions followed and focused on how to better reflect the potential of IHP's contribution to the implementation of the SDG agenda (goals and targets) in all water aspects and on the procedure to have access to an appropriate funding mechanism to finance IHP's activities to support Member States.

79. It was agreed that the IHP Secretariat would prepare a roadmap on the contribution of IHP to the implementation of SDG 6 and other water related goals, which would be circulated to the Bureau Members for their assessment, and to all Council Members for their contribution and approval. Upon approval of the roadmap by the Council Members, the item will be brought to the

attention of the Executive Board for consideration and inclusion in the agenda of the General Conference. The roadmap will also include the contribution to the Paris Agreement, and other international agreements relevant to UNESCO.

UNESCO WATER FAMILY

Status and operation of UNESCO Water Family

80. The Secretariat reported on the status of the UNESCO Water Family, including water chairs and centres under the auspices of UNESCO.

81. The Delegate of the United Kingdom observed that UNESCO currently has 36 water-related category 2 centres, and that this number would increase to 38 with the establishment of the new centres proposed by Mexico and Brazil. He pointed out that only 21 of the 36 centres submitted reports in time for the Council's consideration. He then drew the Council's attention to the UK's recent publication "How can UNESCO successfully map the capacity and impact of its category 2 centres network?". Referring to the belief that category 2 centres generate no direct cost for UNESCO, the Delegate suggested that these centres do contribute to the overhead costs of the Organization because of their number and the direct cost associated with their management. He requested that the Council be given the opportunity to discuss the future direction of the category 2 centres by putting these issues on the agenda of the 23rd session of the IHP Council.

Proposed centres under the auspices of UNESCO

82. The Secretariat reported on the proposal for the establishment of two water-related centres under the auspices of UNESCO, namely the Centre on Water Security in Mexico and the International Centre on Water and Transdisciplinarity (CIRAT), in the Federative Republic of Brazil.

83. The Delegate of Brazil expressed his country's support for the establishment of CIRAT as a category 2 centre on Transdisciplinarity. He recalled that CIRAT was established in 2009 and conducts research and activities on the role of transdisciplinarity to ensure the sustainability of water resources. He pointed out that a transdisciplinary approach includes the social, economic and cultural dimensions of analysing water challenges, and that this approach is fundamental to ensuring the future of cities and the better understanding of rural settlements.

84. The Delegate expressed the wishes of Brazil to have CIRAT designated as a UNESCO category 2 centre to promote the exchange of the Centre's rich knowledge and experiences with the network of UNESCO category 2 centres, particularly in relation to IHP-VIII Theme 4 on human settlements of the future. He noted that the proposal of CIRAT involves some strategic planning, in view of the fact that Brazil will host the 8th World Water Forum in 2018, the first time the event will be organized in the Southern hemisphere.

85. The Representative from the International Centre for Integrated Water Resources Management (ICIWaRM, USA) expressed his Centre's support for the designation of the Centre on Water Security in Mexico as a UNESCO category 2 centre. He further stated that the IHP National Committee of the United States supports the establishment of this Centre, which would allow for improved collaboration with ICIWaRM.

86. The Delegate of Mexico thanked the members of the Bureau and the Secretariat for their support, and stated that the proposed centre will be a great asset for Mexico and will work closely with an existing UNESCO chair in the country.

87. The Delegate of Australia (Observer) and former IHP Vice-Chairperson (21st IHP Council) reported that Brazil's proposal to designate CIRAT as a category 2 centre was submitted to the Bureau while the group was out of session. He observed that the proposal may have been prepared quickly, and that he could not find any information on the internet about CIRAT. The Chairperson recommended that the CIRAT proposal be reviewed and improved.

88. To ensure that the CIRAT proposal is reviewed in time to be approved both by the IHP and UNESCO Governing Bodies before the 8th World Water Forum in 2018, the Chairperson proposed that a teleconference be organized with the Bureau to study the revised proposal.

89. The Delegate of Brazil acknowledged that their submission of the proposal for CIRAT was late, and that the document could be improved by communicating more effectively about the functions and work of CIRAT. He confirmed that the Delegation of Brazil is willing to accept the suggestion of the Chairperson.

90. The Delegate of Cuba questioned the handing over of the responsibility and power of the IHP Council to the IHP Bureau and suggested that a way be found to involve the Council members in decisions related to designation of category 2 centres. She recalled that the IHP Council is the decision-making arm of IHP and that its responsibilities should not be undermined. She furthermore requested that a solution be found to ensure that the updated CIRAT proposal is provided to the Council for their feedback.

91. The Chairperson proposed that the Secretariat sends a circular note requesting members of the Council to indicate their decision about whether to approve the revised CIRAT proposal, after which the Secretariat will share the results of the consultation by sending an aide-memoire to the members of the Council and Bureau.

92. The Secretary of the IHP emphasized that only members of the IHP Council will be consulted.

93. The Delegate of Brazil thanked the Delegate of Cuba and the Chairperson for the goodwill and suggestions.

94. The Delegate of the Republic of Korea pointed out that an international Centre on Water Security was already approved in his country. He recommended that the category 2 centre proposed by Mexico focus on water security at the regional level, and to reflect this in the name of the Centre. He further proposed cooperation between the two Centres.

95. The Delegate of Mexico expressed his gratitude for the comments of the Delegate of the Republic of Korea and confirmed that the Centre proposed by Mexico will work at the regional level and will change the name of the Centre accordingly.

UNESCO-IHE Institute for Water Education (category 1)

96. The UNESCO-IHE Rector a.i. Mr Fritz Holzwarth reported on the Institute's activities based on the information contained in the document IHP/IC-XXII/Inf.5 and on a PowerPoint presentation.

97. The Delegate of Germany asked about the status of the interview process for the post of the Rector of UNESCO-IHE and the status of the negotiations between the government of the Netherlands and UNESCO with respect to UNESCO-IHE being a category 1 or 2 institute. The Delegate of Australia also requested information on the status of the negotiations between the UNESCO Secretariat and the Government of the Netherlands.

98. With reference to UNESCO-IHE's contribution to IHP, the Delegates of Nigeria and Sudan recalled the significant needs for capacity development in Africa, the fact that qualified hydrologists are rare and thus that they trust UNESCO-IHE will continue to assist in building these capacities. The Delegate of Sudan suggested then to create other institutes with the same quality to respond to the needs if necessary.

99. The Delegate of Poland recalled previous common activities in the framework of the SWITCH programme and requested UNESCO-IHE to stimulate cooperation and synergies with other UNESCO category 2 centres.

100. The Delegate of Senegal raised concerns about the negligence of the French language at UNESCO-IHE, which limits the participation of the French-speaking experts from Africa in the Institute's programme. He suggested to use the International Institute of Water engineering and Environment (2iE) in case UNESCO-IHE is not able to provide training in French on site. The UNESCO-IHE Rector a.i. responded that there is an ongoing discussion in UNESCO-IHE to extent the currently offered tailor made courses in French.

101. The Delegate of China supported that UNESCO-IHE remains a centre under UNESCO's umbrella, and suggested that it further develops its capacity by strengthening cooperation with UNESCO category 2 centres.

102. The Representative of the Regional Centre for Training and Water Studies of Arid and Semi-Arid Zones in Egypt stated that she received a diploma from UNESCO-IHE and that her institute is developing curricula based on those of UNESCO-IHE and invited other UNESCO category 2 centres to do the same.

103. A second Delegate from Sudan made a statement on his very positive experiences as a graduate of UNESCO-IHE, stressing the importance of securing the necessary support for this unique institute, which provides great benefits.

104. The Representative of the World Meteorological Organization (WMO) reinforced this statement by mentioning that the WMO partnership with UNESCO-IHE was crucial for trainings and also thanked the Government of the Netherlands for supporting the Institute.

105. The Delegate of Kenya inquired about the status of the proposed UNESCO-IHE satellite location in Africa. He expressed his interest in the proposal since it would not oblige the trainees to travel to the UNESCO-IHE in the Netherlands for training. In response, the Chairperson of the Council stated that the proposal was unfortunately not retained by UNESCO's Governing Bodies.

106. The Chairperson of the Council indicated that the question was whether or not UNESCO-IHE would remain a category 1 institute. On the one hand, he noted that if UNESCO-IHE becomes a category 2 centre, this would certainly reduce the impact of the Institute's activities. On the other hand, he stated that if it remained a category 1 centre, it would be required to be more involved in the UNESCO Water Family. The Chairperson concluded that he believes that the two positions could be reconciled with some flexibility, and he summarised the situation by stating that the Council is for UNESCO-IHE to continue.

107. In response, the IHP Secretariat explained that the consultations are still ongoing and that all efforts are deployed to reach an acceptable outcome. The IHP Secretariat further informed the Council that it is not involved in the process of recruitment of the Rector of UNESCO-IHE.

108. The Chairperson of the Council recommended that UNESCO-IHE should become an even more integrated part of UNESCO, in the sense of acquiring more of the Organization's operational culture and in collaborating closer with Headquarters and the relevant networks.

Nominations for office bearers in the Governing Board of UNESCO-IHE (category 1)

109. The IHP Secretariat explained that six representatives of Council members (one per electoral group) are nominated for the Governing Board of UNESCO-IHE adding that they are elected for four years and that appointments are organized so that every two years, three of the members are outgoing. During the present Council, representatives of Group II (Eastern and Central Europe), Group III (Latin America and the Caribbean, LAC) and Group Va (Africa) should be nominated.

110. Following the review by the IHP Bureau of the nominations received from Member States for office bearers for the Governing Board of the category 1 institute and following the regional consultations corresponding to the electoral groups where such appointments were necessary, the

Council unanimously designated the following IHP representatives to the Governing Board of UNESCO-IHE Institute for Water Education:

Group II: Mr Mitja Brilly (Slovenia)

Group Va: Mr Salihu Mustafa (Nigeria)

111. The Chairperson congratulated the two candidates but emphasized that a representative from Group III (LAC) is still outstanding. The Chairperson invited the Vice-Chairperson of Group III to organize a consultation process with the region and submit a proposal to the Bureau once the decision is taken unanimously. He also pointed out that the Group has some time to decide, as the nominee would start acting a year from now.

112. The Delegate from Russia endorsed the nomination of Mr Mitja Brilly as representative of Group II to the Governing Board of UNESCO-IHE. He explained that there were several candidates and mentioned the ones from Slovakia and Poland. However, he highlighted that the region decided by consensus that Mr Brilly would be the best candidate because of his qualifications, experience and networks.

113. The Delegate from Argentina asked about the qualification requirements and expected profile of the nominees for the Board. He explained that it is best to have this information before potential candidates are considered for the region.

114. The Chairperson responded by highlighting that UNESCO-IHE is conducting high quality research and the minimum requirement for a candidate would be a PhD. He explained that the members of the Governing Board of UNESCO-IHE are highly qualified so that the potential candidate is expected to have an outstanding educational and professional record. He stated that the candidate should also have an established and recognized record of academic publications in renowned journals and preferably be a university professor.

115. The Delegate of Nigeria expressed appreciation for accepting the nomination of Mr Salihu Mustafa to the Governing Board of UNESCO-IHE and highlighted Mr Mustafa's reputation for his scientific work and background.

World Water Assessment Programme

116. Mr Stefan Uhlenbrook, WWAP Coordinator, presented the work of the WWAP Secretariat and highlighted the take-home messages of the 2016 edition of the WWDR on Water and Jobs, and the increased efforts in outreach with over 30 regional events on Water and Jobs worldwide (including several high-level events). The need for an SDG 6 Synthesis Report was illustrated in the light of effective policies and strategies to achieve the SDGs and SDG 6 in particular.

117. The Delegates from China, Italy, Nigeria, Poland, Germany, Jordan, Russia and WMO took the floor to comment. All Member States and UN Agencies were very positive about WWAP's work and recent developments. In response to the Delegates of China and Russia, who asked about the sources of data and validation for results on the assessment of countries' water resources, Mr. Uhlenbrook highlighted that WWAP utilises data that is collected by countries and submitted to the UN system directly by their competent institutions (i.e., data from the FAO Aquastat database).

118. Concerning the point made by the Delegates of Germany and Poland, on the production of a SDG 6 Synthesis Report, the WWAP Coordinator explained that the preparation of such report is not an easy task and it would benefit from the dedicated efforts of a truly transdisciplinary core group of experts. Furthermore, he mentioned the critical issue of acquiring the necessary financial resources to tackle such a task and invited interested Member States to contribute to the process of developing the Synthesis Report.

119. The representative of WMO acknowledged the support of his organization to WWAP and highlighted that WWAP is the most suitable organisation within UN-WATER to synthesize information on SDG 6 and to identify its linkages to other SDGs. He invited UNESCO's higher management to facilitate WWAP's aspirations and raised the possibility that Member States consider submitting a resolution to position WWAP for SDG reporting.

120. The Delegate of Italy expressed the country's full satisfaction with the work of WWAP, voiced its full support for the Programme to expand its activities within the framework of SDG 6 and underscored the need to broaden the donor basis for the Secretariat (e.g., the establishment of multi-donor account). He announced the plans to organize an event in Perugia (spearheaded by the UNESCO Chair on Water and Culture) with the participation of water chairs and centres by the end of the current year or early next year.

121. The Chairperson recommended that:

- The Council recommends to UN-WATER to reconsider current annual thematic format of the WWDR and a return to the original comprehensive and triennial edition,
- The Council invites IHP National Committees to actively participate in WWAP,
- The Council requests water-related category 2 centres and UNESCO chairs to actively contribute to WWAP, and
- The Council invites Member States to contribute to WWAP by providing seconded experts and through financial means by contributing to a multi-donor account.

RELATIONS WITH UNITED NATIONS, INTERGOVERNMENTAL ORGANIZATIONS AND NON-GOVERNMENTAL ORGANIZATIONS

Cooperation with the UN System on freshwater issues

122. The Council took note with appreciation of the report of the Secretariat on its involvement in UN-Water.

123. The representative of the Global Environment Facility (GEF) thanked IHP for its cooperation. She highlighted the strengthening of this cooperation over the past several years due to the improved alignment of the interests of the two organizations, especially with reference to IHP's contributions to the GEF International Waters focal area through its work in the domain of transboundary groundwater resources management. She furthermore confirmed the GEF's interest in expanding cooperation opportunities with IHP on projects addressing groundwater resources in SIDS, ecosystems and groundwater, groundwater and food security, groundwater and cities, droughts and floods (including urban floods), global water nutrient assessments, and the water-food-energy nexus.

124. The representative of the Food and Agriculture Organization (FAO) thanked IHP for the longstanding cooperation between the two organizations, and highlighted the importance of continuing and increasing the collaboration. He referred to the strong synergies that can be further enhanced to assist Member States, citing the case of the Groundwater Governance project and the instrumental role of the IHP network in the organization of the project's regional consultations. He furthermore expressed the FAO's interest in further cooperation on activities addressing the water-food-energy nexus.

125. The representative of the World Meteorological Organization (WMO) recalled that IHP and WMO have a longstanding agreement, which was renewed in 2013 providing an excellent framework for continuing the fruitful cooperation between the two agencies. He offered an update on the cooperation on the definition of the Basic Instruction Package (BIP), competence standards

for hydrologists via a Joint Task Team within the framework of WMO's Hydrology Commission (CHy). While expressing support of the document provided by the Secretariat on the cooperation between the organizations, he voiced WMO's interest in enhancing the cooperation with IHP, particularly on water monitoring systems, climate services for water management, and water-related disasters.

Cooperation with intergovernmental and non-governmental organizations

126. The Representative of the Organization for Economic Co-operation and Development (OECD) thanked UNESCO for the cooperation between the two organizations, especially in the fields of water quality and groundwater. She highlighted that several avenues for further cooperation between IHP and the OECD are possible, given that both organizations have a focus on policy analysis and development. She furthermore informed the Council that a joint side event on water quality and climate change is being co-organized by OECD and UNESCO for COP 22.

127. The Secretary-General of the International Association of Hydrological Sciences (IAHS) expressed gratitude for the cooperation with IHP, and highlighted that the cooperation between the two organizations has been extremely active. He cited as an example the very successful 12th Kovacs Colloquium held on 15 June 2016 during the 22nd session of the IHP Intergovernmental Council, co-organized by IHP and IAHS. He furthermore mentioned that the proceedings of the 11th Kovacs Colloquium, held in 2014, were published as an IAHS open access publication, and that a similar publication will be prepared for the 12th Kovacs Colloquium. He moreover recalled that IAHS has established a highly prestigious annual hydrological prize to which WMO and IHP are part of the evaluation committee and invited the IHP National Committees to present their candidates. Finally, he confirmed the wishes of IAHS for a continued and active cooperation with IHP.

128. The IHP Chairperson expressed appreciation about the cooperation between IHP and the UN-system, NGOs and IGOs, while highlighting the strong bond between the World Water Council and IHP. He also enquired the representative of the GEF why UNESCO was not yet one of the GEF's implementation agencies.

129. The representative of the GEF took note of the Chairperson's question and promised to respond to the Council and the Secretariat after consultation with her organization.

130. The Delegate of the Islamic Republic of Iran called for an increased involvement of the WMO in the International Drought Initiative's (IDI) activities and invited the Secretariat to consider this suggestion.

IHP's contribution to the UN-World Water Development Report

131. The Secretariat reported on IHP's technical contribution to the World Water Development Report (WWDR), including its co-authoring of chapters for the 2015 and 2016 editions. The Council noted IHP's contribution to the WWDRs with appreciation.

132. The Delegate of Japan informed the Council about Japan's strong support to WWAP and WWDR, and about its advanced wastewater treatment technology. He confirmed that Japan is looking forward to contributing to the WWDR 2017 whose theme will be on wastewater and drainage systems.

IHP's role in the International Decade for Action-Water for Life (2005-2015)

133. The Council noted the report on the IHP's role in the International Decade for Action-Water for Life (2005-2015).

IHP's role in key international events and agendas

134. The Council noted with appreciation the report provided by the Secretariat on IHP activities organized during key international events such as 7th World Water Forum, 2015; Conference of Parties (COP) 20, 2014; World Conference on Disaster Risk Reduction, 2015; COP 21; 2015, World Water Week 2015 and the 38th General Conference of UNESCO.

135. A resolution submitted by Morocco with the support of Sudan, Tunisia, France, Benin and Indonesia on the contribution of IHP to the preparation and follow-up to COP 22 was adopted. Furthermore, the Delegate from Morocco informed the meeting of an international conference on Water and Climate that is going to take place from 11 to 12 July 2016 in Morocco, inviting the participation of interested experts.

136. Highlighting the political significance of the upcoming Budapest Water Summit, the Chairperson invited the Council members to participate in the event scheduled to be held in November 2016.

137. The IHP Vice-Chairperson for Group Vb invited the IHP to report on major regional activities additional to the international ones at the next Council session.

138. The IHP Chairperson invited the Secretariat to keep the IHP website up-to-date and invited each IHP National Committee to establish their own websites, if these do not already exist.

OTHER MATTERS

139. The Delegate from Malaysia informed the Council that the country is hosting the 37th World Congress of the International Association of Hydro Environment Engineering and Research (IAHR) from 14 to 18 August 2016 in Kuala Lumpur, Malaysia. The Delegation invited the UNESCO Water Family to attend and contribute to the World Congress.

140. The Delegate of Cuba thanked the IHP Secretariat for producing the draft of the Final Report of the IHP Council efficiently and timely.

ADOPTION OF THE REPORT

141. The Council reviewed and adopted the report of the meeting, as amended.

CLOSURE OF THE SESSION

142. The meeting came to an end at 13:25 on 17 June 2016.

ANNEX I

AGENDA

1. Opening of the session
 - 1.1 Report of the outgoing Chairperson
 - 1.2 Address by the Director-General of UNESCO
 - 1.3 Address by the Chairperson of the Executive Board
2. Election of the incoming Chairperson and the Vice-Chairpersons
3. Adoption of the agenda and determination of the Council's method of work
4. Institutional developments at UNESCO
 - 4.1 Developments at the Natural Sciences Sector and the Division of Water Sciences following the 195th to 199th sessions of the Executive Board and the 38th session of the General Conference, including the Programme and Budget for 2016-2017 (38 C/5)
 - 4.2 Audit of the governance of IHP
 - 4.3 Report on the follow-up to the audit of the Natural Sciences Sector
 - 4.4 Report on the governance of UNESCO and dependent funds, programmes and entities (38 C/23)
 - 4.5 Report on the consultation for the update of the IHP Statutes and of the Rules of Procedure of the IHP Council
 - 4.6 Report on the consultation regarding the establishment of an Intergovernmental Panel on Water
 - 4.7 IHP-related extrabudgetary activities
 - 4.8 Report of the IHP Finance Committee
 - 4.9 Report of the IHP Communication and Outreach Committee
 - 4.10 Report on the celebration of the 50th anniversary of the UNESCO water programmes
5. Report on the implementation of the resolutions and decisions adopted at the 21st session of the IHP Intergovernmental Council
6. Programme implementation
 - 6.1 Implementation of the eighth phase of IHP (IHP-VIII)
 - 6.2 Regional perspectives on IHP
 - 6.3 Follow-up to the external evaluation of IHP-VII, including the report on the IHP National Committees survey
 - 6.4 Cooperation with other UNESCO programmes
7. IHP actions in the implementation and monitoring of the Sustainable Development Goal 6 relating to water and sanitation
8. UNESCO's Water Family
 - 8.1 Status and operation of the UNESCO Water Family
 - 8.2 Proposed centres under the auspices of UNESCO
 - 8.3 UNESCO-IHE Institute for Water Education (category 1)
 - 8.4 Nominations for office bearers in the Governing Board of UNESCO-IHE (category 1)
 - 8.5 World Water Assessment Programme

9. Relations with United Nations, intergovernmental organizations and non-governmental organizations
 - 9.1 Cooperation with the UN system on freshwater issues
 - 9.2 Cooperation with intergovernmental and non-governmental organizations
 - 9.3 IHP's contribution to the UN World Water Development Report
 - 9.4 IHP's role in the International Decade for Action – Water for Life (2005-2015)
 - 9.5 IHP's role in key international events and agendas
10. Other matters
11. Adoption of the report
12. Closure of the session

ANNEX II

LIST OF PARTICIPANTS

I. MEMBER STATES, MEMBERS OF THE IHP INTERGOVERNMENTAL COUNCIL

Argentina

Head of Delegation

Mr. Rodolfo Terragno
Ambassador, Permanent Delegate
Permanent Delegation of Argentina to UNESCO
1, rue Miollis 75015 Paris
Tel: +33 - 1 45 68 34 38 / 36 / 42
Email: dl.argentina@unesco-delegations.org

Members

Mr. Alejandro Funes Lastra
Counsellor
Permanent Delegation of Argentina to UNESCO
1, rue Miollis 75015 Paris
Tel: +33 - 1 45 68 34 38 / 36 / 42
Email: dl.argentina@unesco-delegations.org

Mr. Eduardo Leoni
Counsellor
Permanent Delegation of Argentina to UNESCO
1, rue Miollis 75015 Paris
Tel: +33 - 1 45 68 34 38 / 36 / 42
Email: dl.argentina@unesco-delegations.org

Austria

Mr. Helmut Habersack
Univ. Prof. Dipl.-Ing. Dr.
Muthgasse 107, 1190 Vienna, Austria
Tel: +43-1 3189900101
Email: helmut.habersack@boku.ac.at

Mr. Harald Stranzl
Doctor,
Ambassador
Alternate Permanent Delegate
Permanent Delegation of Austria to UNESCO
Tel: +33 - 145683457
Email: dl.austria@unesco-delegations.org

Mr. Günter Blöschl
Professor
Institute of Hydraulic Engineering on
Water Resources Management,
TU Wien, Karlsplatz 13, 1040
Vienna, Austria
Tel: +43-1 5880122315
Email: bloeschl@hydro.tuwien.ac.at

Burkina Faso

Mr. Seydina Oumar Traore
National coordinator of project "1000 ha"
Burkina Faso IHP Intergovernmental Council
Representative
Ministry of Agriculture and Hydraulic Infrastructure
03 BP 7005, Ouagadougou 03
Burkina Faso
Tel: +22625499913
Email: seydina02@yahoo.fr

Brazil

Mr. Jailson B. de Andrade,
Doctor,
Secretary for Policies and Programs on Research
and Development
Ministry of Science, Technology, Innovations and
Communications
Esplanada dos Ministérios, Bloco E, Sala 229.
Cep: 70067-900 Brasilia, Brasil
Tel: +61 - 2033-8128/ 2033-8015
Email: seped@mcti.gov.br

Mr. Silvestre Rabello de Aguiar Junior
Doctor in Sustainable Development – University of
Brasilia
Ministry of Sciences, Technology, Innovations and
Communications
Esplanada dos Ministérios, Bloco E, Sala 229.
Cep: 70067-900 Brasilia, Brasil
Tel: +55 (61) 2033-7827
Email: silvestre.aguiar@mcti.gov.br

Mr. Geraldo Cordeiro Tupynamba
Counsellor
Permanent Delegation of Brazil to UNESCO
1, rue Miollis 75015 Paris
Tel: +55 1 45 68 28 99
Email: gc.tupynamba@unesco-delegations.org

China

Head of Delegation

Mr. Ni Weixin
Deputy Director
Ministry of Water Resources
No 2 Lane 2 Baiguang Road
Beijing 100053
P. R. China
Tel.: +86 10 6320 3672

Email: weixin@mwr.gov.cn

Members

Ms. Xu Jing
Ministry of Water Resources
No 2 Lane 2 Baiguang Road
Beijing 100053
P. R. China
Tel.: +86 10 6320 2705
Email: xjing@mwr.gov.cn

Mr. Yu Zhongbo
Profesor
1 Xikang Rd.
Nanjing 210059
Email: zhongbo.zyu@gmail.com

Mr. Yang Hanxia
Director
No.12, West of Chengbei Road
Zhengzhou 450004
P. R. China
Tel.: +86 371 6602 6187
Email: yanghanxia@swj.yrcc.gov.cn

Mr. Yu Dazhen
Section Chief
Ministry of Water Resources
No 2 Lane 2 Baiguang Road
Beijing 100053 P. R. China
Tel.: +86 10 6320 4538
Email: ydz@mwr.gov.cn

Ms. Huang Yan
Deputy Chief Engineer
Changjiang Institute of Survey, Planning, Design
and Research, Chagjiang Water Resources
Commission, Ministry of Water Resources
No. 1863 Jiefang Avenue
Wuhan, 430010
Tel: +86-13886055811
Email: yhuang@cjwsjy.com.cn

Mr. Dai Su
Director
No.388, Yixian Road Shanghai,
P.R. China. Postal Code:200434
Tel.: +86 21 2510 1236
Email: daisu@tba.gov.cn

Mr. Long Jiang
Chief Engineer
No.80, Tianshou Road
Guangzhou 510611
P. R. China
Tel.: +86 20 8711 7685
Email: longjiang@pearlwater.gov.cn

Mr. Mei Junya
Section Chief
1863 Jiefang Avenue
Wuhan 430010
P. R. China.
Tel.: +86 27 8282 9672
Email: meijy@cjh.com.cn

Mr. Yu Zhongbo
Professor
No.1, Xikang Road
Nanjing 210098
P. R. China
Tel.: +86 10 6320 2306
Email: xss@mwr.gov.cn

Cuba

Head of Delegation

Ms. Dulce María Buergo Rodríguez
Ambassador of Cuba to UNESCO
Permanent Delegation of Cuba to UNESCO
Bureau 6.34
1, Rue Miollis, 75015, Paris
Tel: 0145683411
Email: dl.cuba@unesco-delegations.org

Members

Ms. Yosmary Gil Leal,
President of NIH National Committee of Cuba
(CONAPHI)
Director of Water Infrastructure at the
Cuban Institute of Water Resources
Humboldt 106, esq. Plaza Vedado
Plaza de la Revolución,
Habana 4, CP 10400
Ciudad de la Habana
Tel: +537 836 6777
Email : yosmary@hidro.cu

Ms. Yahima Esquivel Moynelo
Third Secretary
Permanent Delegation of Cuba to UNESCO
Bureau 6.34
1, Rue Miollis, 75015, Paris
Tel: 0145683411
Email: dl.cuba@unesco-delegations.org

Mr. Manlio Hernández Carbonel
Counsellor
Permanent Delegation of Cuba to UNESCO
Humboldt 106, Esq. Plaza Vedado
Plaza de la Revolución,
Habana 4, CP 10400
Tel: 0145683411
Email: dl.cuba@unesco-delegations.org

Egypt

Head of Delegation

Mr. Mahmoud Abu-Zeid
Doctor,
Egyptian IHP Committee
9 El-Mokhayam Al-Da'em St.,
Al-Hay Al-Sades, Nasr City,
11471, Cairo, Egypt
Tel: +2 02 24043115
Email: president@arabwatercouncil.org

Germany

Head of Delegation

Mr. Siegfried Demuth
Director
International Centre for Water Resources and
Global Change
Bundesanstalt für Gewässerkunde
Am Mainzer Tor 1
56068 Koblenz
Tel.: +49 261 1306 5313
Email: demuth@bafg.de

Members

Mr. Dietrich Borchardt
Department Aquatische Ökosystemanalyse und
Management
Helmholtz-Zentrum für Umweltforschung GmbH
Brückstraße 3a
39114 Magdeburg
Germany
Tel: +49 391 8109 757
Email: dietrich.borchardt@ufz.de

Mr. Mathias Weiland
Geschäftsbereichs 5.0 Gewässerkundlicher
Landesdienst
Landesbetrieb für Hochwasserschutz und
Wasserwirtschaft
Otto-von-Guericke Straße 5
39104 Magdeburg
Tel: +49 391 581 1361
Email: mathias.weiland@lhw.mlu.sachsen-anhalt.de

Ms. Ina Severin
Permanent Representation of the Federal Republic
of Germany to UNESCO
9, rue Maspéro
75116 Paris
Tel: +33 - 1 55 74 57 34
Email: wiss-ext-unes@pari.diplo.de

Mr. Stefan Krawielicki
Minister/Permanent Delegate
9 Rue Maspéro, 75016 Paris
Tel : +33 – 1 55 75 57 34

Email: v-unes@pari.diplo.de

Ms. Clara Marie Offen
Permanent Representation
of the Federal Republic of Germany to UNESCO
9, rue Maspéro 75116 Paris
Tel: +33 - 1 55 74 57 37
Email: pol-hosp1-unes@pari.diplo.de

Ghana

Mr. Charles Kofi Obuobi Addo
Director of Volta River Authority
Ghana Embassy
8 Villa Saïd, 75116, Paris
Tel: +33 1 45 00 09 50
Email: charles.addo@vra.com

Hungary

Head of Delegation

Mr. Zoltán Cséfalvay
Ambassador of Hungary
to the OECD and UNESCO
Permanent Delegation of Hungary to the OECD
and UNESCO
140 ave. Victor Hugo, 75116 Paris
Tel: + 33 1 53 65 65 00
Email: mission.oecd@mfa.gov.hu

Members

Mr. Andras Szollosi-Nagy
Member of Hungarian IHP National Committee
General Directorate of Water Management
H-1012 Budapest, Marvany u. 1/d
Tel: + 36 1 258 6291
Email: andras.szollosinagy@gmail.com

Ms. Gabriella Palos
Third Secretary
Permanent Delegation of Hungary to the OECD
and UNESCO
140 ave. Victor Hugo, 75116 Paris
Tel: + 33 1 53 65 65 02
Email: gpalos@mfa.gov.hu

Indonesia

Mr. Ignasius Dwi Atmana Sutapa
Associate Professor Doctor
Executive Secretary of APCE-UNESCO
Acting Secretary of Indonesian IHP Committee
APCE-UNESCO, CSC LIPI, Jl. Raya Bogor Km 46,
Cibinong - Bogor – West Java
Tel: +62 21 8757071
Email: ignasd@yahoo.co.id

Japan

Head of Delegation

Mr. Yasuto Tachikawa
Chair of Japanese National Committee for IHP/
Professor, Graduate School of Engineering and
Faculty of Engineering, Kyoto University
c/o Office of DG - Japanese National Commission
for UNESCO, 3-2-2, Kasumigaseki, Chiyoda-ku,
Tokyo, 100-8959 Japan
Tel: +81-75-383-3362
Email: tachikawa@hywr.kuciv.kyoto-u.ac.jp

Members

Mr. Toshio Koike
Director
International Centre for Water Hazard and Risk
Management, National Research
and Development Agency Public Works Research
Institute
1-6 Minamihara, Tsukuba, Ibaraki 305-8516
Email: t-koike@pwri.go.jp

Mr. Masahiko Murase
Chief Researcher
International Centre for Water Hazard and Risk
Management, National Research
and Development Agency Public Works Research
Institute
1-6 Minamihara, Tsukuba, Ibaraki 305-8516
Email: m-murase@pwri.go.jp

Mr. Takahiro Sayama
Associate Professor, Disaster Prevention Research
Institute, Kyoto University
Gokasho Uji, Kyoto, 611-0011, Japan
Tel: +81-774-38-4126
Email: sayama.takahiro.3u@kyoto-u.ac.jp

Ms. Fumiko Sendai
Unit chief, Office of the Director-General for
International Affairs
Ministry of Education, Culture, Sports, Science and
Technology
3-2-2 Kasumigaseki,
Chiyoda-ku, Tokyo 100-8959, Japan
Tel: +81-3-6734-2557
Email: fsendai@mext.go.jp

Mr. Kaoru Takara
Director, Professor,
Disaster Prevention Research Institute, Kyoto
University
Gokasho Uji, Kyoto, 611-0011, Japan
Tel: +81-774-38-4125
Email: takara.kaoru.7v@kyoto-u.ac.jp

Mr. Yosuke Yamashiki

Professor,
Graduate School of Advanced Integrated Studies in
Human Survivability (GSAIS), Kyoto University
Higashi-Ichijo-Kan, Yoshida-nakaadachicho 1,
Sakyo-ku, Kyoto, 606-8306, Japan
Tel: +81-75-762-2001
Email: yamashiki.yosuke.3u@kyoto-u.ac.jp

Kazakhstan

Mr. Igor Severskiy
Doctor Professor,
Chairperson of the
IHP Committee in Kazakhstan
050010, Pushkin Str. 99,
Almaty, Kazakhstan
Tel: +(727)291 81 29
Email: iseverskiy@gmail.com

Mr. Satybaldy Burshakov
Deputy permanent delegate of Kazakhstan to
UNESCO
59, rue Pierre Charron - 75008 Paris
Tel: + 33 1 42 25 09 00
Email: sburshak@gmail.com

Mr. Medev Akhmedkal
Director of the Institute of Geography
050010 Pushkin St. 99
Almaty
Tel: +87017174489
Email: ingeo_2009@mail.ru

Kenya

Head of Delegation

Mr. George Godia
Professor
Ambassador and Permanent Representative,
Permanent Delegation of Kenya to UNESCO
1 Rue Miollis, 75015, Paris
Tel: +33 - 1 45 68 32 81
Email: dl.kenya@unesco-delegations.org

Members

Mr. John Paul Oluoch
Senior Research Assistant,
Permanent Delegation of Kenya to UNESCO
1 Rue Miollis, 75015, Paris
Tel: +33 - 1 45 68 32 81
Email: j.oluoch.ke@unesco-delegations.org

Mr. Chrispine Omondi Juma
AG. Director Water Resources
IHP Focal Point
Ministry of Water and Irrigation,
P.O. Box 49720-00100 Nairobi
Tel: +254 722791230

Email: cojuma2004@yahoo.com

Ms. Agnes Mbugua
UNESCO Desk Officer
Ministry of Water and Irrigation,
Ngong RD P.O BOX 49720-00100
Tel: +254722606830
Email: mbuguaagnes@yahoo.co.uk

Mexico

Head of Delegation

Mr. David Korenfeld Federman
Doctor,
Chairperson of the UNESCO-IHP
Juan Salvador Agraz 97, 5th Floor, Paragon
Building, Santa Fe, Cuajimalpa, P.C. 05300
Tel: +52 55 52927183
Email: ihp.chaiperson@unesco.org

Members

Mr. Victor Bourguett Ortiz
Chief of Projects
CONAGUA
Avenida Insurgentes Sur 2416
Col. Copilco El Bajo
Del. Coyoacán
CP 04030 México

Mr. Roberto Olivares
Vice-President of the Mexican IHP Committee
Palenque 287, Narvarte Poniente,
P.C 03020
Tel: +52 55 5543 6600
Email: roberto.olivares@aneas.com.mx

Ms. Ana Karen Fonseca Hernandez
International Affairs Manager
CONAGUA
Avenida Insurgentes Sur 2416
Col. Copilco El Bajo
Del. Coyoacán
CP 04030 México
Tel: +55 5174 4461/62
Email: ana.fonsecah@conagua.gob.mx

Ms. Pamela Alejandra Rojas Hernandez
International Affairs Manager
CONAGUA
Avenida Insurgentes Sur 2416
Col. Copilco El Bajo
Del. Coyoacán
CP 04030 México
Email: pamela.rojas@conagua.gob.mx

Mr. Samuel Weisz
Assistant

Mr. Ignacio Rodríguez
Adviser

Morocco

Head of Delegation

Mr. Mohamed Oubalkace
Special Advisor to the Director of
Research and Planning on Water,
Directorate of Research and
Planning on Water
Minister Delegate in charge of Water,
Rue Hassan Bencheikroun, Agdal, Rabat
Tel: +212 6 67 52 65 12
Email: oubalkace@yahoo.fr

Members

Ms. Siham Sebbar
Permanent Delegation of Morocco to UNESCO
Maison de l'UNESCO
Bonvin - B10.31/34
1, rue Miollis
75732 PARIS Cedex 15
Tel: +33 - 1.45.68.34.27
Email: dl.maroc@unesco-delegations.org

Namibia

Head of Delegation

Ms. Paulina Florence Mufeti
Head of Natural Hydrological Services
Ministry of Agriculture, Water and Forestry
Private Bag 13184
Windhoek,
Namibia 9000
Tel: +264 61 208 4191
Email: mufetip@mawf.gov.na /
pmufeti@yahoo.com

Members

Ms. Geraldine Jacqueline Diergaardt
Chief Hydrologist
Private Bag 13184
Windhoek,
Namibia 9000
Tel: +264 61 208 7233
Email: pickeringg@mawf.gov.na /
hydrologynamibia@gmail.com

Mr. Ferdinand Katire
Ministry of Higher Education,
Training and Innovation
Government Office Park
Tel: +264612933317
Email: ferdinand.katire@mheti.gov.na

Nepal

Mr. Keshab Dhoj Adhikari
Joint Secretary

Water and Energy Commission Secretariat
Singhdurbar, Kathmandu, Nepal
Tel: +977 9851146530
Email: keshabdhoj@gmail.com

Nigeria

Members

Mr. Moses O. Beckley
Director General
Nigeria Hydrological Services Agency
Abuja
Tel: +2347036964838
Email: moses.beckley@yahoo.com

Mr. Olayinka M. Ogunwale
Director
Operational Hydrology
Nigeria Hydrological Services Agency
Abuja
Tel: +2348033851518
Email: yinkmoronk@gmail.com

Mr. John A. Gbadegesin
Chief Hydrologist
Nigeria Hydrological Services Agency
Abuja
Tel: +2348065792085
Email: jayogbadegesin@yahoo.com

Norway

Head of Delegation

Ms. Hege Hisdal
Doctor,
Norwegian IHP Committee
Senior climate change advisor
Norwegian Hydrological Council, Middelthunsgate
29, 0301 Oslo, Norway
Tel: +47 93421527
Email: hhi@nve.no

Members

Ms. Helen Gjørde
Trainee – Norway delegation at UNESCO
1, rue Miollis, 75015 Paris, office M8.39
Tel: +4791801871
Email: h.gjaerde.no@unesco-delegations.org

Oman

Head of Delegation

Mr. Said Nasser Al Habsi
Oman IHP committee
Permanent Delegation to UNESCO

Ministry of Regional Municipalities and Water
Resources
P.O. Box 461 Postal Code 112 Ruwi
Tel: +968 24698334
Email: hhi@nve.no / ddgwrw@mrmwr.gov.om

Pakistan

Mr. Khalid Riaz
Professor
Comsats Institute of Information Technology
Park Road, Islamabad, Pakistan
Tel: +92-(0)51-90495087
Email: kriaz@comsats.edu.pk

Peru

Mr. Raúl Hidalgo
Deputy Representative
Permanent Delegation of Peru to UNESCO
Tel: +33 - 145682931
Email: rhidalgo@rperunesco.com

Poland

Mr. Maciej Zalewski
Director,
European Regional Centre for Ecohydrology
of the Polish Academy of Sciences
3 Tylna Street
90-364 Lodz
Poland
Tel.: +42 681 70 07, +48 608 058 237
Email: m.zalewski@erce.unesco.lodz.pl /
erce@erce.unesco.lodz.pl

Republic of Korea

Head of Delegation

Mr. Soon Tak Lee
Professor Doctor,
Chair of Korean IHP National Committee
Yeungnam University,
103-1801, Daedeok-ro 166, Namku, Daegu 42511,
Republic of Korea
Tel: +82-53-6562525 / +82-10-28022525
Email: soontaklee@hanafos.com / leest@yu.ac.kr

Members

Mr. Yung Soo Jung
Minister-Counsellor
Permanent Delegation of Korea to UNESCO
BP 160,
Tour Montparnasse, 33 avenue du Maine
75 755 Paris CEDEX, France
Tel: +33 - 14410-2400
Email: ys.jung.kr@unesco-delegations.org

Mr. Min Ho Lee
Deputy Director of the IHP National Committee of
Republic of Korea
511, Geumbyeok-ro, Gongju-si, Chungcheongnam-
do, 32595, Republic of Korea
Tel: +82 41 851 0525
Email: leeminho@korea.kr

Mr. Han Woo Kang
Deputy Director of the Ministry of Land,
Infrastructure and Transport Republic of Korea
11, Doum-ro 6, Sejong Special Self-governing City,
30103, Republic of Korea
Tel: +82 44 201 4821
Email: hanu@korea.kr

Ms. Se Jin Oh
Senior Manager
Korea Water Resources Corporation (K-water)
125, 1689beon-gil, Yuseong-daero, Yuseong-gu,
Daejeon, 34045 Republic of Korea
Tel: +82-42-870-7322
Email: rein6575@kwater.or.kr

Ms. Eun Yung Kim
Attaché
Permanent Delegation of Korea to UNESCO
BP 160,
Tour Montparnasse, 33 avenue du Maine
75 755 Paris CEDEX, France
Tel: +33-1-4410-2400
Email: ey.kim.kr@unesco-delegations.org

Mr. Sang Ho Kim
Professor
Department of Civil Engineering, Sangji University,
Wonju, Korea 26339
Tel: +82 33 730 0476
Email: kimsh@sangji.ac.kr

Mr. Seung Ho Lee
Professor
Graduate School of International Studies, Korea
University, Seoul, Korea 02841
Tel: +82 2 3290 2426
Email: seungholee@korea.ac.kr

Mr. Young Woo Kim
General Director
Korea Water Resources Corporation (K-water)
125, 1689beon-gil, Yuseong-daero,
Yuseong-gu, Daejeon, 34045
Republic of Korea
Tel: +82-42-870-7302
Email: youngwk@kwater.or.kr

Russian Federation

Head of Delegation

Ms. Marina Seliverstova
Head

Federal Agency for Water Resources
8-1, Kedrova str.
Moscow 117292
Tel: +7 499 124 18 33
Email: msassistant@favr.ru

Members

Mr. Vladimir Georgievsky
Director
State Hydrological Institute
Vice-President, IHP National Committee
23, 2 Liniya
St. Petersburg 199053
Tel: +7 812 323 35 17
E-mail: ishiklom@zb3627.spb.edu

Mr. Mikhail Bolgov
Deputy Director
Water Problems Institute of the Russian Academy
of Sciences
Gubkin Street 3
IWP RAN
Moscow 119333
Tel: +7 499 135 04 06
Email: bolgovmv@mail.ru

Ms. Jeanna Balonishnikova
Scientific Secretary
State Hydrological Institute
23, 2 Liniya
St. Petersburg 199053
Tel: +7 812 323 01 14
E-mail: ishiklom@zb3627.spb.edu

Ms. Olga V. Gorelits
Executive Secretary
IHP National Committee
Senior Research Scientist, Zubov State
Oceanographic Institute
6 Kropotkinsky per.
Moscow 119034
Tel: +7 499 246 64 48
Email: gorelits@mail.ru

Ms. Irina Polyanskaya
Interpreter
Federal Agency of Water Resources of the Russian
Federation
8-1, Kedrova str., Moscow, 117292, Russian
Federation
Tel: +7-915-249-39-48
Email: irena.polanskaya@gmail.com

Senegal

Mr. Gaye Cheikh Becaye
Professor
Ministry of Higher Education and Research
Immeuble Fatou Nourou Diop,
Allées Pape Guèye Fall
BP 36005, Dakar, Sénégal

Tel: +221774257136
Email: cheikhbecayegaye@gmail.com

Mr. Ly Ibrahima
Chief of Division
Exact and Natural Sciences
Senegalese National Commission for UNESCO
4, Avenue Jean Jaures
Dakar
Tel: +221 776329277/+221 338225730
Email: lyyibrahima@yahoo.fr

Mr. Mouhamadou Doudou Fall
Hydrogeologist engineer
Ministry of Water and Sanitation
Sacré Cœur Pyrotechnie BP 2372
Dakar
Tel: +221776545364
Email: mouhamadou.fall@dgpre.gouv.sn

Slovenia

Mr. Mitja Brilly
Chair
IHP National Committee
Professor, University of Ljubljana, Faculty of Civil
Engineering and Geodesy
Jamova 2, 1000 Ljubljana
Tel: +38614253324
Email: mbrilly@fgg.uni-lj.si

Sudan

Mr. Seifeldin Hamad Abdalla
Chair,
IHP National Committee
Chair, Water Resources Technical Organ
Ministry of Water Resources and Electricity
PO Box 878, Nile Avenue
Khartoum, Sudan
Email: seifeldin_eltwaim@yahoo.com

Mr. Abdalla A. Salam Ahmed
Professor
Director General
UNESCO Chair in Water Resources,
35 Street, Khartoum East, Khartoum 11111,
PO box 1244, Sudan
Tel: +249 123 770 304
E-Mail: aaahmed55@yahoo.co.uk /
aaahmed55.aa@gmail.com

Mr. Ahmed El Tayeb Ahmed El Hassan,
Member of the National IHP Committee
Director,
Regional Centre on Capacity Development and
Research in Water Harvesting
c/o National
Training of the Public Water Corporation
Dams Implementation Unit – Projects Directorate /

Nile Street, Khartoum, Sudan
Tel: +249 9121405215
Email: ahmed_eltayeb2000@yahoo.com

Mr. Gamal Murtada Abdo
Director,
Water Research Center
University of Khartoum
Member of IHP National Committee
Mr. Abdin Mohamed Salih
Advisor of the IHP National Committee
Email: a.salih@unesco.org

Tunisia

Mr. Mohamed Mondher Rejeb
Deputy Director
Hydrological Studies and Research
Water Resources Department
DGRE, 43 Rue Saida Manoubia
Montfleury (1008), Tunisia
Tel: 00 216 25 795290
Email: rejeb sfr@yahoo.fr

Turkey

Mr. Hakan Aksu
Doctor,
DG State Hydraulics Works
State Hydraulics Works of Turkey
06100 Yucetepe, Gankaya
Ankara
Tel: +905332504337
Email: hakana@dsi.gov.tr

Mr. Ahmet Murat Ozaltin
Section Manager
Ministry of Forestry and Water Affairs
T.C Orman ve Su İşleri Bakanlığı
Beştepe Mahallesi Alparslan Türkeş
Caddesi No: 71
Ankara
Tel: +93122075263
Email: aozaltin@ormansu.gov.tr

Ms. Alara Istemil Aydil
Permanent Delegation of Turkey to UNESCO
Counsellor on Science
1 rue Miollis 75732 Paris Cedex 15
Tel: 01.45.68.27.34
Email: alara.aydil@mfa.gov.tr

United Kingdom of Great Britain and Northern Ireland

Head of Delegation

Mr. Alan Jenkins
Professor
Chairperson, IHP National Committee

Centre for Ecology and Hydrology
Maclean Building
Benson Lane, Crowmarsh Gifford, Wallingford
Oxfordshire, OX10 8BB
Tel.: +44 1491 692440
Email: jinx@ceh.ac.uk

Members

Mr. Harry Dixon
Secretary, IHP National Committee
Centre for Ecology and Hydrology
Maclean Building
Benson Lane, Crowmarsh Gifford, Wallingford
Oxfordshire, OX10 8BB
Tel: +44 1491 692254
Email: harr@ceh.ac.uk

Mr. Bob Ferrier
Centre for Expertise for Waters
The James Hutton Institute
Craigiebuckler
Aberdeen AB158QH
Scotland
Tel: +44 1224 395 068
Email: Bob.Ferrier@hutton.ac.uk

II. OBSERVERS (MEMBER STATES NOT MEMBERS OF THE COUNCIL)

Australia

Head of Delegation

Mr. Ian White
Vice-Chair
UNESCO IHP (Asia Pacific)
Australian National University, Fenner School of
Environment and Society
Canberra ACT 2601
Australia
Tel: +61 - 418 262 881
Email: ian.white@anu.edu.au

Members

Mr. Trevor Daniell
Associate Professor
Honorary Research Fellow
Faculty of Engineering, Computer and
Mathematical Sciences University of Adelaide
Tel +61- 8 83135454
Email: trevor.daniell@adelaide.edu.au

Armenia

Mr. Vahe Vahramian
Deputy Permanent Representative of Armenia to
UNESCO

Ms. Olga Davtyan
First Secretary, Embassy of Armenia to France.

Belgium

Mr. Marnik Vanclooster
Chair
IHP National Committee
Croix du Sud 2, BP2
1348 Louvain-la-Neuve
Tel: +32 10 47 10
Email: marnik.vanclooster@uclouvain.be

Benin

Head of Delegation

Mr. Emmanuel Agnidé Lawin
Professor, University lecturer
President of IHP National Committee of Benin
01 BP 385 Cotonou
Tel: +229 97 58 18 09
Email: ewaari@yahoo.fr

Members

Mr. Philippe Adjomayi
Chef of Service
IHP National Committee of Benin
01 BP 385 Cotonou
Tel: +229 97 60 38 05
Email: arnaud.zannou@gmail.com

Cameroon

Mr. Gilbert Lamblin Taguem Fah
Technical Adviser N°2
Ministry of Scientific Research and Innovation
B.P. 1457 Yaoundé
Tel.: +237 222222480
Cell: +237 691643320/67718509
Email: tafaqila@yahoo.fr

Chile

Mr. Alex Wetzig
Permanent Deputy
Delegate of Chile to UNESCO
1 Rue Miollis 75015 Paris
Tel: 0145682950
Email: dl.chile@unesco-delegations.org /
a.wetzig.cl@unesco-delegations.org

Colombia

Ms. Sylvia Amaya
Minister Plenipotentiary
Permanent Delegation of Colombia to UNESCO
UNESCO House
Tel: +33 - 1 45 68 28 74
Email: dl.colombia@unesco-delegations.org

Ms. Juliana Isabel Angulo Morales
Counsellor

Permanent Delegation of Colombia to UNESCO
UNESCO House
Tel: +33 - 1 45 68 28 74
Email: ji.angulo.co@unesco-delegations.org

Côte d'Ivoire

Members

Mr. Jourda Jean Patrice
Professor-Representative
Université Félix Houphouët-Boigny
UFR-STRM/ 22 BP 582
Abidjan 22
Tel: +22 507371759
Email: jourda_patrice@yahoo.fr

Czech Republic

Mr. Ondrej Ledvinka
Czech Hydrometeorological Institute
Hydrology Division
Hydrological Database & Water Balance
Na Sabatce 2050/17
143 06 Prague 412
Tel : +420 24403 2364
Email: ledvinka@chmi.cz

Denmark

Ms. Josefine Vilby
Trainee
Permanent Delegation of Denmark to UNESCO
1 rue Miollis, Paris
Tel: +33 - 1 45 68 29 29
Email: dl.denmark@unesco-delegation.org

Honduras

Mr. Roberto Ramirez
Ambassador
Permanent Delegation of Honduras to UNESCO
1 rue Miollis, 75015, Paris
Tel: +33 - 1 45 68 28 47
Email: dl.honduras@unesco-delegation.org

Mr. Carlos Maradiaga
Deputy Delegate
Permanent Delegation of Honduras to UNESCO
1 rue Miollis, 75015, Paris
Tel: +33 - 1 45 68 28 45
Email: dl.honduras@unesco.delegation.org

Iraq

Head of Delegation

Mr. Mahdi Rashid Mahdi Al-Hamdani
Vice Minister of Water Resources
Ministry of Water Resources

Palestine St., Baghdad, Iraq
Tel: +9647805594867
Email: mahdirashid.advisor@yahoo.com

Members

Ms. Dhifaf Al-Khafaji
Chief Engineer
Ministry of Water Resources
Palestine St., Baghdad, Iraq
Tel: +9647801625220
Email: dhmahdi@yahoo.com

Mr. Dhafir Abdalla Hussain Jawadaga
Director General
Ministry of Water Resources
Palestine St., Baghdad, Iraq
Tel: +9647801958799
Email: jawfiya2@yahoo.com

Italy

Mr. Lucio Ubertini
Professor
RPI/CNR
Via della Madonna Alta, Perugia
Italy
Tel: +39 34 80 82 62 00
Email: lucio.ubertini@uniroma1.it

Malaysia

Members

Ms. Norlida Mohd Dom
Doctor,
Humid tropics Centre Kuala Lumpur
Department of Irrigation and Drainage
No. 2 Jalan Ledang
Off Jalan Duta 50480
Kuala Lumpur
Tel: +603 2095 8700 / +6012 3209265

Nicaragua

Ms. Sylvia Miranda Paniagua
Counsellor
Permanent Delegation of Nicaragua to UNESCO
1, rue Miollis – 75015 Paris
Tel: +33 - 145682910
Email: dl.nicaragua@unesco-delegations.org

République Démocratique du Congo

Head of Delegation

Mr. Nsengambo Mbulo Hingel Dominique
Head of Exact and Natural Sciences Sector
6 Avenue des Ambassadeurs,
Commune de la Gombe, Kinshasa

Permanent National Commission
to UNESCO
B.P. 14 Kinshasa, Gombe- G.C.
Tel: +243 12 510 0251 / +243 12 510 0252
Email: comnat.rdc@gmail.com

Members

Ms. Pweto Mushama Yvonne
Head of Social and Human Sciences Sector
6 Avenue des Ambassadeurs,
Commune de la Gombe, Kinshasa
Permanent National Commission
to UNESCO
B.P. 14 Kinshasa, Gombe- G.C.
Tel: +243 12 510 0251 / +243 12 510 0252
Email: yvonnepweto@gmail.com

République du Congo

Mr. Angoundou Jean-Jacques
1st Counsellor
1 Rue Miollis 75732, Bureau 2.68 (MS)
Tel: +33 - 761777420
Email: jjacques32@hotmail.com

Slovakia

Mr. Pavol Miklanek
Dr., Nat. Com. IHP-UNESCO chairman
Institute of Hydrology SAS
Dubravska cesta í
841 04 Bratislava
Slovakia
Tel: +421232293505
Email: miklanek@uh.savba.sk

Mr. Vladimir Mosny
PhD. – Hydrologist,
Delegate of the Ministry of Education,
Research, Science and Sport

South Africa

Head of Delegation

Ms. Ndileka Kunjulwa Mohapi
Private Bag X313
Pretoria
Tel: +27 12 336 8234
Email: mohapin@dws.gov.za

Members

Ms. Selebaleng Joyce Gaebee
Private Bag X313
Pretoria
Tel: +27123368893
Email: gaebees.dws.gov.za

Spain

Mr. Federico Estrada
Director of the Center for Hydrographic Studies of
the Centre of Studies and Experimentation on
Public Works (CEDEX)
Email: federico.estrada@cedex.es

Mr. Adriano García-Loygorri
Advisor of the General Directorate for Water
Ministry of Agriculture, Food and Environment
(MAGRAMA)
Email: agloygorri@magrama.es

Sweden

Ms. Julia Lodén
Permanent attaché
UNESCO delegation of Sweden
1 rue Miollis, 75015, Paris
Tel: +33 1 45 68 32 50
Email: julia.loden@gov.se

Thailand

Ms. Alin Chintraruk
Doctor,
Plan and Policy Analyst
Head of International Relations Unit
Department of Groundwater Resources
26/83 Soi Ngamwongwan 54
Lat Yao, Chatuchak, Bangkok 10900
Tel: +668181908150849
Email: alin_nuk@hotmail.com

Ms. Aranya Fuangswasdi
Doctor,
Deputy Director General of the
Department of Groundwater Resources
26/83 Soi Ngamwongwan 54
Lat Yao, Chatuchak, Bangkok 10900
Tel: +6622993992
Email: aranyaf@yahoo.com

Ms. Somkid Buapeng
Advisor
Department of Groundwater Resources
26/83 Soi Ngamwongwan 54
Lat Yao, Chatuchak, Bangkok 10900
Tel: +6222993992
Email: sbuapeng@hotmail.com

Ms. Kanokwan Yoowong
Plan and Policy Analyst,
Professional Level
Ministry of Natural Resources and Environment,
Department of Water Resources,
Rama VI Rd., Samsennai
Phayathai, Bangkok 10400
Tel: +6622716000 Ext 6610
Email: kanokwan.yw@gmail.com

Ms. Supranee Runghirunviroj
Expert on Water Resources Research and
Development
Ministry of Natural Resources and Environment,
Department of Water Resources,
Rama VI Rd., Samsennai
Phayathai, Bangkok 10400
Tel: +6622716112
Email: kanokwan.yw@gmail.com

Mr. Mongkol Lukmuang
Director,
Bureau of Research Development and Hydrology
Ministry of Natural Resources and Environment,
Department of Water Resources,
Rama VI Rd., Samsennai
Phayathai, Bangkok 10400
Tel: +6622986615
Email: lukmuang@gmail.com

Mr. Suphot Tovichakchaikul
Director General
Water Resources Ministry of Natural Resources
and Environment,
Department of Water Resources,
Rama VI Rd., Samsennai
Phayathai, Bangkok 10400
Tel: +6622716117
Email: waterforall@me.com

Ms. Aicha Pukpibul
Plan and Policy Analyst,
Senior Professional Level
Ministry of Natural Resources and Environment,
Department of Water Resources,
Rama VI Rd., Samsennai
Phayathai, Bangkok 10400
Tel: +6622716117
Email: kanokwan.yw@gmail.com

Mr. Karoon Premvuti
Senior Hydrologist
Ministry of Natural Resources and Environment,
Department of Water Resources,
Rama VI Rd., Samsennai
Phayathai, Bangkok 10400
Tel: +6622986614
Email: karoon.p@gmail.com

Ms. Wandee Pattanasatianpong
Senior Scientist
Ministry of Natural Resources and Environment,
Department of Water Resources,
Rama VI Rd., Samsennai
Phayathai, Bangkok 10400
Tel: +662298 6614
Email: wandee_pat@yahoo.com

Mr. Jaray Thongduang
Royal Irrigation Department of Thailand

Hydrology Division, 811 Samsen Road
Dusit, Bangkok, Thailand 10300
Tel: +66847005315
Email: jaray.579@gmail.com

Mr. Thada Sukhapunnaphan
Royal Irrigation Department of Thailand
Hydrology Division, 811 Samsen Road
Dusit, Bangkok, Thailand 10300
Tel: +66847005311
Email: thada999@yahoo.com

Mr. Oranuj Lorphensri
Doctor,
Director of Bureau of Groundwater Exploration and
Potential Assessment
Department of Groundwater Resources 28/83
Soi Ngamwongwan 54
Lat Yao, Chatuchak, Bangkok 10900
Tel: +6622993992
Email: oranuj@hotmail.com / oranuj@gmail.com

United States of America

Head of Delegation

Mr. Jerad Bales
Chief Scientist for Water,
U.S. Geological Survey
Chair, U.S. National Committee for the UNESCO
IHP
USGS 12201 Sunrise Valley Drive
Reston, Virginia 20191
USA
Tel: +1 703-648-5044
Email: jdbales@usgs.gov

Members

Mr. William S. Logan
Deputy Director,
International Center for Integrated Water
Resources Management
7701 Telegraph Road
Casey Building, 2nd Floor
Alexandria, VA USA 22315-3868
Tel: +1 703-428-6054
Email: will.logan@usace.army.mil

III. SPECIALIZED AGENCIES AND RELATED ORGANIZATIONS OF THE UN SYSTEM

Food and Agriculture Organization of the United Nations (FAO)

Mr. Mohamed Bazza
Senior Officer,
Land and water Division,
Agriculture and Consumer
Protection Department

World Meteorological Organization (WMO)

Mr. Johannes Cullmann
Director,
Climate & Water Department
7 bis, Avenue de la Paix
P.O. Box 2300
CH-1211 Geneva, 2, Switzerland
Tel: +41 (0)22 730-8355
Email: jcullmann@wmo.int

IV. INTERGOVERNMENTAL ORGANIZATIONS

German Federal Institute for Geosciences and Natural Resources

Mr. Stefan Broda
Doctork,
Head of Unit B2.2.1
Wilhelmstr. 25-30, 13593
Berlin, Germany
Tel.: +49 30 36993 250
Email: stefan.broda@bgr.de

Islamic Educational, Scientific and Cultural Organization (ISESCO)

Mrs. Samia Djacta
Liaison Officer at the Permanent Delegation
Of ISESCO to UNESCO

Organization for Economic Cooperation and Development (OECD)

Ms. Kathleen Dominique
Environmental Economist
2, rue André Pascal, Paris CEDEX 16, France
Tel: +33 - 1 45 24 98 79
Email: Kathleen.Dominique@oecd.org

V. NON-GOVERNMENTAL ORGANIZATIONS

International Association of Hydrological Sciences (IAHS)

Professor Hubert Savenije
President
Technical University Delft
Civiele Techniek & Geowetensch,
Sectie Waterhuish. & Waterbeh
Stevinweg 1
2628CN Delft
The Netherlands
Email: H.H.G.Savenije@tudelft.nl

Mr. Christophe Cudennec
Secretary-General
Agrocampus Ouest
CS 84215
35042 Rennes Cedex

France
Tel: +33 2 23 48 55 58
Email: cudennec@agrocampus-ouest.fr

Union Internationale des Associations et Organismes Techniques (UATI)

Mr. Marc Levilion
Secretary General
1 rue Miollis
75015 Paris
Tel: +33 1 47 05 07 98
Email: secretaire@uisf.fr

Mr. Pierre Carré
Advisor
1 rue Miollis
75015 Paris
Tel: +33 1 45 68 48 27
Email: uati@uati.info

Mr. Claude Viénot
Advisor
1 rue Miollis
75015 Paris
Tel: +33 1 45 68 48 27
Email: uati@uati.info

World Federation of Engineering Organizations (WFEO)

Mr. Youssef Tahani
Executive Director
1 rue Miollis
75015 Paris
Tel. : +33 1 4568 48 46
Email: executivedirector@wfeo.org

Mr. Jacques de Méreuil
Executive Director-to-be
1 rue Miollis
75015 Paris
Tel: +33 1 4568 48 46
Email: executivedirector@wfeo.org

International Association for Hydro-Environment Engineering and Research (IAHR)

Mr. Arthur E. Mynett
Doctor,
Vice president
International Association for Hydro-Environment
Engineering and Research Secretariat,
Paseo Bajo Virgen del Puerto
28005 Madrid
Tel: +31683598598
Email: a.mynett@unesco-ihe.org

Arceau IdF

Mr. Jean-Claude Deutsch
President

16 rue Claude Bernard 75005
Paris, France
Email: jean-claude.deutsch@enpc.fr

Ms. Irina Severin
Director
16 rue Claude Bernard 75005
Paris, France
Tel: +33 06 08 04 79 47
Email: irina.severin@arceau-idf.fr

**VI. UNESCO WATER INSTITUTE (category I)
AND WATER-RELATED CENTRES
(category 2)**

Category 1 water-related Institute

UNESCO-IHE Institute for Water Education

Dr. Fritz Holzwarth
Rector *ad interim* Westvest 7, 2611 AX Delft
PO box 3015
2601 DA Delft
The Netherlands
Tel: +31 1521 51701
Email: f.holzwarth@unesco-ihe.org

***Category 2 water-related Centers (under the
auspices of UNESCO)***

**International Centre on Qanats and Historic
Hydraulic Structures (ICQHS)**

Mr. Ghafori Hossein
Director
Mojtame Edarat, Daneshjoo Blvd
8916188116 Yazd
Iran
Tel: +98 351 8250553
Email: ghafori@icqhs.org

**USA Institute for Water Resources (IWR) and
the International Center for Integrated Water
Resources Management (ICIWaRM)**

Mr. Robert A. Pietrowsky
Director
7701 Telegraph Road
Casey Building, 2nd Floor
Alexandria, VA USA 22315-3868
Tel: 703-428-8015
Email: robert.a.pietrowsky@usace.army.mil

**Centre international de recherche et de
formation sur le drainage urbain (IRTCUD)**

Mr. Jovan Despotovic
Professor,
Chair of the IHP-UNESCO Nat. Com.,

Act. Director of the "Centre international de
recherche et de formation sur le drainage urbain"
Bul. of the King Alexander, 73, 11000 Belgrade,
Serbia
Tel: +381 63 32 82 63
Email: ihp.unesco.rs@grf.bg.ac.rs

Centre for Water Law, Policy and Science

Ms. Sarah Hendry
Doctor,
University of Dundee,
Perth Rd. Dundee
DD1 4HN UK
Tel: +441382386473
Email: sim.hendry@dundee.ac.uk

Stockholm International Water Institute (SIWI)

Ms. Marian Patrick
Doctor,
Programme Manager
International Centre for Water Cooperation
Transboundary Water Management
Stockholm International Water Institute
Linnégatan 87A, Box 101 87, Stockholm, Sweden
Tel: +46 720506090
Email: marian.patrick@siwi.org

**Regional Center for Training and Water Studies
(RCTWS)**

Ms. Zubaida Mohamed Fathallah Mahmoud
Ministry of Water Resources and Irrigation (MWRI)
Director of Regional Center for Training and Water
Studies (RCTWS/RTSWRI)
P.O.Box 58, Sixth of October City, Egypt
Tel: +20 38334107
Email: zmohf@rctws.org

**International Research and Training Center on
Erosion and Sedimentation (IRTCES)**

Mr. Liu Cheng
Deputy Chief
Department of Research and Training
International Research and Training Center on
Erosion and Sedimentation (IRTCES)
Ministry of Water Resources
P.O. Box 366,
20 Chegongzhuang West Rd.,
Beijing 100048
P. R. China
Tel: +86 10 6878 6410
Email: chliu@iwhr.com

Mr. Liu Guangquan
Deputy Director
IRTCES
Ministry of Water Resources

P.O. Box 366,
20 Chegongzhuang West Rd.,
Beijing 100048
P. R. China
Tel.: +86 10 6878 6576
Email: gqliu@iwhr.com

**Regional Centre on
Urban Water Management and
International Drought Initiative**

Mr. Seyed Ali Chavoshian
Director
1 Shahrsaz Lane, Kargozar St Dastgerdi Ave.
Tehran
Tel: +982122911027
Email: chavoshian@gmail.com

VII. UNESCO Secretariat

**Secretariat of the International Hydrological
Programme (IHP) of UNESCO**

Division of Water Sciences (SC/HYD)
7, place de Fontenoy, 75352 Paris 07 SP, France
Email: ihp@unesco.org

Ms. Blanca Jiménez-Cisneros
Director, Division of Water Sciences Secretary of
the IHP
Tel.: +33 - 1 45 68 40 02
Email: b.jimenez-cisneros@unesco.org

Ms. Anna Movsisyan
Assistant to Director and the Secretary of IHP
Tel.: +33 1 45 68 40 01
Email: a.movsisyan@unesco.org

**Section on Hydrological Systems and Water
Scarcity (SC/HYD/HSS)**

Mr. Abou Amani
Chief
Tel.: +33 - 1 45 68 39 96
Email: a.amani@unesco.org

Mr. Anil Mishra
Programme Specialist
Tel.: +33 - 1 45 68 39 47
Email: a.mishra@unesco.org

Mr. Takahiro Konami
Programme Specialist
Tel.: +33 - 1 45 68 40 20
Email: t.konami@unesco.org

Ms. Barbara Kavuma Lwanga
Assistant to Chief
Tel.: +33 - 1 45 68 39 97
Email: b.lwanga@unesco.org

Ms. Renée Gift
Assistant Programme Specialist
Tel. : +33 - 1 45 68 16 32
Email: r.gift@unesco.org

Temporary Staff/Consultants

Ms. Barbara Avila
Consultant
Tel.: +33 - 1 45 68 40 26
Email: b.avila@unesco.org

Mr. Yo Nishimura
Programme Assistant
Tel.: +33 - 1 45 68 17 75
Email: y.nishimura@unesco.org

**Section on Groundwater Systems and
Settlements (SC/HYD/GSS)**

Ms. Alice Aureli
Chief
Tel.: +33 - 1 45 68 39 95
Email: a.aureli@unesco.org

Mr. Alexandros K. Makarigakis
Programme Specialist
Tel.: + 33 - 1 45 68 41 78
Email: a.makarigakis@unesco.org

Mr. Yonghyo Park
Programme Specialist
Tel.: +33 - 1 45 68 09 27
Email: yo.park@unesco.org

Mr. Matthew Lagod
Project Officer
Tel.: +33 - 1 45 68 39 51
Email: m.lagod@unesco.org

Ms. Sima Taheri
Assistant to Chief
Tel.: +33 - 1 45 68 41 75
Email: s.taheri@unesco.org

Temporary Staff/Consultants

Mr. Tales Carvalho Resende
Consultant
Tel.: +33 - 1 45 68 39 65
Email: t.carvalho-resende@unesco.org

Mr. Suren Gevinian
Consultant
Tel: +33 - 1 45 68 39 61
Email: s.gevinian@unesco.org

Mr. Ismael Madrigal
Consultant
Tel.: +33 - 1 45 68 39 62
Email: i.madrigal@unesco.org

Mr. Vefa Moustafaev
Consultant
Tel.: +33 - 1 45 68 41 54
Email: v.moustafaev@unesco.org

Mr. Aurélien Dumont
Consultant
Tel: +33 - 1 45 68 39 15
Email: au.dumont@unesco.org

Mr. Bruno Nguyen
Senior Consultant
Tel: +33 - 1 45 68 42 64
Email: b.nguyen@unesco.org

Intern(s)

Ms. Chloe Meyer
Email: c.meyer@unesco.org

Ms. Pauline Faitg
Email: p.faitg@unesco.org

**Section for Ecohydrology, Water Quality and
Water Education (SC/HYD/EQE)**

Mr. Giuseppe Arduino
Programme Specialist
Tel.: +33 - 1 45 68 39 99
Email: g.arduino@unesco.org

Ms. Sarantuyaa Zandaryaa
Programme Specialist
Tel: +33 - 1 45 68 40 54
Email: s.zandaryaa@unesco.org

Mr. Youssef Filali-Meknassi
Programme Specialist
Tel: +33 - 1 45 68 12 21
Email: y.filali-meknassi@unesco.org

Ms. Nicole Webley
Assistant Programme Specialist
Tel: +33 - 1 45 68 40 31
Email: n.webley@unesco.org

Ms. Natasha Lazic
General Assistant
Tel.: +33 1 45 68 40 36
Email: n.lazic@unesco.org

Temporary Staff/Consultants

Ms. Anais Chagankerian
Programme Assistant
Tel: +33 - 1 45 68 40 70
Email: a.chagankerian@unesco.org

Mr. Ignacio Deregibus
Consultant

Tel: +33 - 1 45 68 24 15
Email: i.deregibus@unesco.org

Ms. Laicia Gagnier
Consultant
Tel: +33 - 1 45 68 39 37
Email: l.gagnier@unesco.org

Ms. Amandine Ladrille
Programme Assistant
Tel: +33 - 1 45 68 39 21
Email: a.ladrille@unesco.org

Mr. Alexander Otte
Programme Officer
Tel: +33 - 1 45 68 40 05
Email: a.otte@unesco.org

Interns

Mr. Fernando Avakian
Tel.: +33 - 1 45 68 41 39
Email: f.avakian@unesco.org

Mr. Jingfu Chen
Tel.: +33 - 1 45 68 39 43
Email: j.chen@unesco.org

Ms. Geunhwa Lee
Tel.: +33 - 1 45 68 11 46
Email: ge.lee@unesco.org

Mr. Daniel Woodburn
Email: d.woodburn@unesco.org

Ms. Nora Gattegno
Email: n.gattegno@unesco.org

**World Water Assessment Programme
(WWAP)**

Mr. Stefan Uhlenbrook
Coordinator
Villa La Colombella – Località di Colombella Alta
06134 Colombella, Perugia, Italy
Tel.: + 39 075 591 1030
Email: s.uhlenbrook@unesco.org

Mr. Engin Koncagul
Programme Specialist and Case Studies Project
Officer
Tel.: +33 - 1 45 68 38 81
Email: e.koncagul@unesco.org

Field Network

Mr. Miguel de Franca Doria
Regional Hydrologist a.i.
UNESCO Office in Montevideo
Luis Piera 1992 - 2do piso

Montevideo, 11200
Uruguay
Tel: +598 2413 2075
Email: m.doria@unesco.org

Mr. Shahbaz Khan
Director
UNESCO Office in Jakarta and
Regional Bureau for Science
Tel: +6221 7399 818 ext 810
Email: s.khan@unesco.org

Mr. Philippe Pypaert
Programme Specialist
UNESCO Regional Bureau for
Science and Culture in Europe
4930 Castello - Palazzo Zorzi
30122 Venice
Italy
Tel: +39 04 260 15 12
Email: p.pypaert@unesco.org

Mr. Bisher Imam
Doctor,
Senior Programme Specialist
Regional Hydrologist
UNESCO Regional Bureau for
Science in the Arab States
8, Abdel Rahman Fahmy Street, Garden City,
11451 Cairo, Egypt.
Tel. : +20 2 2794 3036 (Extension 120)
Email: b.imam@unesco.org

Mr. Simone Grego
Conseiller Régional en Sciences,
Bureau de l'UNESCO à Abuja
Tel: +39 075 5911007
Email : s.grego@unesco.org

Mr. Jayakumar Ramasamy
Programme Specialist & Chief of Natural Science
Sector
UNESCO Bangkok
Tel: +66-2-3910577 X 136
Email: r.jayakumar@unesco.org

ANNEX III

LIST OF DOCUMENTS

WORKING DOCUMENTS

Document Code (IHP/IC-XXII/..)	Title	Agenda item	Language*
1 Prov.	Provisional agenda	1	E/F/S/R/A/C
1 Add. Prov.	Provisional timetable	1	E only
2 Prov.	Provisional annotated agenda	1	E/F/S/R/A/C
3 Prov.	Draft summary report (prepared and issued during session)	-	E/F
4 Prov.	Provisional list of documents (this document)	-	E only
5 Prov.	Provisional list of participants	-	E only
6	Institutional developments at UNESCO	4	E/F/S/R/A/C
7	Programme implementation	6	E/F/S/R/A/C
8	IHP actions in the implementation and monitoring of the Sustainable Development Goal 6 relating to water and sanitation	7	E/F/S/R/A/C
9	UNESCO's Water Family: Proposed water-related centres	8	E/F/S/R/A/C
10	Report on implementation of resolutions and decisions adopted at the 21 st session of the IHP intergovernmental Council	5	E/F/S/R/A/C

INFORMATION DOCUMENTS

Document Code (IHP/IC-XXII/..)	Title	Agenda item	Language
Inf.1	Institutional developments at UNESCO	4	E/F
Inf.2	Implementation of resolutions	5	E/F
Inf.3	Implementation of the Eighth Phase of IHP (IHP-VIII, 2014-2021)	6	E/F
Inf.4	IHP actions in the implementation and monitoring of the Sustainable Development Goal 6 relating to water and sanitation	7	E/F

* E – English | F – French | S – Spanish | R – Russian | A – Arabic | C – Chinese

Document Code (IHP/IC-XXII/..)	Title	Agenda item	Language
Inf.5	Status and operation of the UNESCO Water Family	8	E/F
Inf.6	Relations with United Nations, intergovernmental organizations and non-governmental organizations	9	E/F

REFERENCE DOCUMENTS

(online consultation only)

Document Code	Title	Agenda item	Language
IHP/IC-XXII/Ref.1	Proposed Cat.2 Centre Mexico		E only
IHP/IC-XXII/Ref.2	Proposed Cat.2 Centre Brazil		E only
IHP/IC-XXII/Ref.3	Institutional – Proposals for continuous regional representation		E only
IHP/IC-XXII/Ref.4	Proposal evaluation IHP Flagships		E only
IHP/IC-XXII/Ref.5	IFI Strategy 2016-2022		E only
IHP/IC-XXII/Ref.6	Draft Resolutions		E only
IHP/IC-XXII/Ref.7	Initiative More Room for Water		E only
IHP/IC-XXI/3	Final report of the 21 st session of the Intergovernmental Council of IHP (Paris, 18-20 June 2014)		E/F/S/R/A/C
IHP/Bur-LIII/3	Final report of the 53 rd session of the IHP Bureau (Paris, 19-21, April 2016)	-	E/F/S/R/A/C
IHP/Bur-LII/3	Final report of the 52 nd session of the IHP Bureau (Paris, 1-2, June 2015)	-	E/F/S/R/A/C
IHP/Bur-LI/3	Final report of the 51 st session of the IHP Bureau (Paris, 20 June 2014)	-	E/F/S/R/A/C
IHP/Bur/Technical-Meeting/2014/3	Final report of the technical meeting of the members of the IHP Bureau (Mérida, Mexico, 13-14 November 2014)	-	English only
37 C/4	Medium-term Strategy, 2014-2021	-	English only
37 C/5	Approved Programme and Budget, 2014-2017	-	English only
38 C/5	Approved Programme and Budget, 2016-2017	-	E/F/S/A
IHP/Bur-XXXIX/9	Follow up to resolution XVI-7 on IHP Governance	-	English only

Document Code	Title	Agenda item	Language
IHP/IC-XVI/11	Chairperson's Paper on IHP Governance	-	English only
IHP/Statutes/1996	Statutes of the Intergovernmental Council of IHP	-	E/F/S/R
IHP/Rules of Procedure/2000	Rules of Procedure of the Intergovernmental Council of IHP	-	E/F/S/F
IHP/Bur-L/Ref 2	Draft revised strategy for water-related category 2 institutes and centres under the auspices of UNESCO	-	English only
IHP/Bur-LII/Ref 1	Draft Proposed IHP Communication and Outreach Strategy	-	English only
IHP/Bur-LII/Ref 2	Proposed IHP Panel for Water Future and Sustainability – Proposal submitted by the Chairperson of the IHP Intergovernmental Council (Mexico)	-	E/S
IHP/Bur-LIII/Ref 1	Consultation regarding the update of the IHP Statutes and Rules of procedure of the IHP Council – Outcome of the 52nd IHP Bureau session (1-2 June 2015)	-	English only
IHP/Bur-LIII/Ref 2	Consultation regarding the update of the IHP Statutes and Rules of procedure of the IHP Council – Results of the consultation regarding the extension of terms of the IHP Chair and Vice Chairs	-	English only
IHP/Bur-LIII/Ref 3	Results of the consultation regarding the establishment of an Intergovernmental Panel on Water	-	English only
IHP/Bur-LIII/Ref 4	UNESCO-IHP Water and Megacities Task Force – draft terms of reference	-	English only
IHP/Bur-LIII/Ref 5	Declaration of the International Conference Water, Megacities and Global Change	-	English only
IHP/Bur-XLIII/3 Annex IV	Admissibility criteria, guidelines and rules of procedure for the preparation and consideration of Draft Resolutions (DRs) at the Intergovernmental Council of IHP (revised version, 5 June 2009)	-	E/F/S/R/A/C
IOS/EVS/PI/140.RE V.3	Evaluation of Phase VII (2008-2013) of the International Hydrological Programme	-	English only
IOS/AUD/2015/06.	Audit of the Natural Sciences Sector	-	English only

Document Code	Title	Agenda item	Language
195 EX/Decisions	Decisions adopted by the Executive Board at its 195th session	-	E/F/S/R/A/C
196 EX/Decisions	Decisions adopted by the Executive Board at its 196th session	-	E/F/S/R/A/C
197 EX/Decisions	Decisions adopted by the Executive Board at its 197th session	-	E/F/S/R/A/C
198 EX/Decisions	Decisions adopted by the Executive Board at its 198th session	-	E/F/S/R/A/C
199 EX/Decisions	Decisions adopted by the Executive Board at its 199th session	-	E/F/S/R/A/C
37 C/18 Part I	Revision of the integrated comprehensive strategy for category 2 institutes and centres under the auspices of UNESCO	-	English only

ANNEX IV

ADOPTED RESOLUTIONS

Resolution XXII-1

PROPOSAL FOR A PROCEDURE TO UPDATE THE IHP STATUTES AND THE RULES OF PROCEDURE OF THE IHP COUNCIL

The Intergovernmental Council of the International Hydrological Programme of UNESCO.

- Recalling** 38 C/Resolution 101 on the governance, procedures and working methods of the governing bodies of UNESCO;
- Recognising** that updates to the Statutes and Rules of Procedure of the IHP Intergovernmental Council may improve the efficiency and efficacy of the IHP Council to guide the implementation of the programme;
- Recalling** the intergovernmental nature of the IHP and its competent bodies;
- Noting** the need to ensure consistency of IHP's governance with the decisions of the Governing Bodies of UNESCO, as well as further consider the recommendations of the audit of Governance of UNESCO and evaluations of IHP;
- Emphasising** the urgent need to improve the efficacy of the IHP Council given the current budgetary prioritization of water issues by the Governing Bodies of UNESCO, bearing in mind the Organisation's contribution to the implementation of SDG 6 and other water-related targets;
- Requests** the IHP Secretariat to carry out a consultation process with all the IHP National Committees and UNESCO Member States following that the Bureau is to review the Statutes and Rules of Procedure of the IHP Council and to present proposals to the 23rd Session of the IHP Council regarding the areas of the Statutes, which should be updated to improve the functioning of the IHP Council and its Bureau;
- Further requests** the IHP Bureau to consult closely with their electoral groups and all IHP National Committees and Focal Points in developing their proposals so as to ensure a wide range of opinions are taken into account;
- Asks** that this process also includes an update and review of the procedures, working methods and statutes, as well as a clarification on the interpretation of the Statutes and Rules of Procedure regarding, among others: 1) whether members of the IHP Bureau are elected on personal capacity or as representatives of Member States, and 2) to propose scenarios that could ensure that all regions are represented in a specific IHP Bureau session if a Bureau member is unable to attend;
- Requests** the assistance of the IHP Secretariat to prepare the necessary documentation to be submitted at least three months prior to the 23rd session of the IHP Intergovernmental Council, so that the proposed revisions of the Statutes and Rules of Procedure can be discussed and decided upon at the meeting.

Resolution XXII-2

FINANCING OF THE INTERNATIONAL HYDROLOGICAL PROGRAMME

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

- Having examined** the Report of the Finance Committee in document IHP/IC-XXII/6;
- Noting** 199 EX/Decision 5.II.F on the Structured Financing Dialogue;
- Discussed** its responsibility to guide and oversee the implementation of IHP's VIII strategy and the planning of activities and that financial information is crucial for this;
- Noting** that IHP's activities are being planned based on the IHP Implementation Matrix contained in document IHP/Nairobi Meeting/2013/Final Report and that visibility of this planning and monitoring instrument for Member States is important for their ownership of the programme, as well as agenda 2030 and the Pan of Action for SIDS;
- Noting** the framework of IHP Implementation Matrix;
- Requests** the IHP Secretariat to provide to the future IHP Council sessions:
- (i) updated versions of the IHP Implementation Matrix, based on inputs to be provided by the UNESCO Water Family
 - (ii) a comprehensive financing plan showing how the updated IHP Implementation Matrix is financed
 - (iii) a comprehensive overview, as in Table 1 of document IHP/IC-XXII/6, of how IHP's activities are financed from both Regular Budget and Extrabudgetary resources, including an analysis of the financial needs of underfunded themes and a fundraising proposal to accommodate those needs.

Resolution XXII-3

IMPLEMENTATION OF THE PROPOSED IHP COMMUNICATION AND OUTREACH STRATEGY

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

- Expressing appreciation** for the efforts, guidance and work of the Outreach and Communication Committee, set up by IHP-IC/Resolution XXI-2;
- Recalling** IHP-IC/ Resolution XXI-2 requesting the Secretariat to develop and implement, in consultation with the Communication and Outreach Committee, a communication and outreach strategy in line with UNESCO's overall communication strategy;
- Recalling** that the Outreach and Communication Committee is an ad hoc committee that will be evaluated during the 23rd session of the IHP Council (IHP/IC-XXI/6 Annex II);
- Endorsing** the main goals of IHP communication and outreach endeavour to:
1. Strengthen the collaborative engagement of IHP, the members of its network, and other stakeholders in implementing IHP flagship initiatives and programmes;
 2. Increase public recognition of IHP's network and its role in contributing to water science and the science-policy interface and to the achievement of the water resources management priorities of Member State's;
 3. Enhance the outreach of IHP's messages and their relevance to actual and mounting global challenges;
- Decides** to implement the IHP Communication and Outreach Strategy jointly developed by the Committee and the Secretariat, following up on the outcomes of the 53rd session of the IHP Bureau;
- Invites** the IHP Secretariat, supported by the Communication and Outreach Committee, to set milestones for the implementation of the Communication and Outreach Strategy to be presented to the 54th session of the IHP Bureau and reported on in the next IHP Bureau and Council meetings;
- Requests** the IHP Secretariat to further strengthen the implementation of the most important outreach and communication activities, such as updating the IHP website and
- i) to send, at least on a quaterly basis, an update on relevant activities of the UNESCO Water Family to its network, and
 - ii) to prepare, jointly with the Committee, reviewed and updated Terms of Reference for the Committee and present them to the 23rd session of IHP Council;
- Urges** the IHP National Committees, Member States, the UNESCO Water Family, IHP flagship initiatives and programmes to actively contribute to this outreach endeavor by:
- Undertaking communication actions, including developing and

- maintaining a website or a webpage, consistent with the principles outlined in this strategy; and providing relevant information for the website and IHP programs, including on best practices;
- Systematically generating and transmitting content to the Secretariat for mass diffusion, as appropriate (the IHP Secretariat will provide templates/guidance for this);
 - Actively participating in and take ownership of the platforms for communication and collaboration at their disposal, such as UNESTeam;

Requests the IHP Secretariat to consult with UNESCO Water Family in order to improve IHP's visibility, to appropriately reflect on its holistic and important role in the whole matter of water.

Resolution XXII-4

IMPLEMENTATION OF THE INITIATIVE GROUNDWATER GOVERNANCE: A GLOBAL FRAMEWORK FOR ACTION

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

Noting that One-third of humanity depends entirely on groundwater for their daily needs and 97% of the Planet Earth's accessible freshwater is found in aquifers;

Expressing concern that while groundwater use has increased manifold, with major socioeconomic benefits, little attention has been given to its governance, conservation and protection;

Recognizing the need to raise political awareness and strengthen political will, at global level to promote conservation and protection of groundwater and to act with urgency to improve groundwater governance in the light of increasing population, climate change and dwindling resources;

Considering that IHP is the only intergovernmental programme entirely devoted to water research, water resources management, education and capacity building tailored to Member States' needs; of UNESCO's contribution, and in particular of IHP, in the implementation of agenda 2030;

Mindful

Also considering that one of the specific objectives of the IHP-VIII Focal Area 2.1 "Enhancing sustainable groundwater resources management" is to strengthen groundwater governance policy;

Takes note of the results of the project "Groundwater Governance: A Global Framework for Action" aiming at improving groundwater governance around the world;

Expresses its appreciation to the global project jointly implemented by the International Hydrological Programme (IHP) of UNESCO, the Food and Agriculture Organization of the United Nations (FAO), the International Association of Hydrogeologists (IAH) and the World Bank, with the support of the Global Environment Facility (GEF);

Encourages Member States to consider the recommendations of the project "Groundwater Governance: A Global Framework for Action" and to inform the IHP Secretariat of their intention to implement these at national level through pilot activities;

Requests the IHP Secretariat to support and provide technical assistance to Member States interested in using the project tools to improve their groundwater governance;

Calls upon the relevant organizations, in particular the World Bank, GEF and other donors to support Member States in undertakings related to the

project pilot activities.

Resolution XXII-5

THE CREATION OF A WORKING GROUP FOR THE ESTABLISHMENT OF THE MEGACITIES ALLIANCE FOR WATER UNDER CLIMATE CHANGE

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

Noting that population growth in the coming decades will be higher in urban centers and particularly in metropolitan areas with over 10 million inhabitants (Megacities);

Further noting that by 2030, over a billion people are expected to live in approximately 100 very large cities and sixty per cent of the world's population are foreseen to live in urban areas;

Recalling UNGA Resolution 64/292 on the human right to water and sanitation;

Considering the adverse effects that climate change is expected to have on urban water resources, both quantity and quality wise;

Recalling the 2030 Agenda for Sustainable Development includes a dedicated goal on water and sanitation (SDG N° 6) that aims to “ensure availability and sustainable management of water and sanitation for all” as well as targets of other goals related to water”;

Recognizing the need for an international platform for cooperation to facilitate the dialogue on urban water and climate, with the aim of helping megacities to adapt to and mitigate the effects of climate change on water;

Also considering that within the international context of the SDGs and the Paris Agreement, a Declaration was framed and a new Alliance was launched during the Eaumega2015 Conference (Paris, December 2015) by IHP and its partners;

Recalling the existing category 2 centres of IHP and UNESCO Chairs devoted to urban water issues;

Decides to establish an IHP Working Group for helping the establishment of the Megacities Alliance for water under climate change; and for proposing mechanisms to promote international synergies between megacities at the local level and Member States at the national level;

Endorses the terms of reference of the IHP Working Group included in the reference document IHP/Bur-LIII/Ref. 4;

Encourages Member States to take an active participation in the aforementioned Working Group.

Resolution XXII-6

THE MONITORING AND REVIEW OF IHP PROGRAMMES AND MAJOR INITIATIVES

The Intergovernmental Council of the International Hydrological Programme (IHP) of UNESCO

- Recalling** IHP-IC/Resolution XXI-8 inviting the Working Group for the implementation of IHP-VIII to suggest a framework aimed at implementing roadmaps for programmatic activities;
- Noting** its decisions to synchronize all IHP programmes and activities with the IHP programme phases and to base the continuation, reorientation, reinforcement, exit strategies or termination of programmes and activities upon periodic reviews during and at the end point of each phase;
- Recognizing** that in order to implement Results-Based Management (RBM) and Results-Based Budgeting (RBB) the IHP Council requires evidence based information and review about the outputs and impacts of programmatic activities and details of their future proposed activities;
- Welcomes** the work completed by the IHP Secretariat, with the support of UNESCO Internal Oversight Service (IOS), to develop the requested planning and evaluation framework for IHP programmes and major initiatives;
- Also Welcomes** the substantial reports submitted by IHP National Committees and Category 2 Centres to each Session of the IHP Council;
- Asks** the IHP Secretariat to enhance and standardise the information requested based on UNESCO's management systems, so it can be utilised in the monitoring of the Programme's implementation;
- Encourages** the UNESCO Water Family to regularly submit reports in a timely fashion to the IHP Secretariat and Council;
- Decides** to adopt the proposed approach for the evaluation of IHP's programmes and major initiatives outlined in IHP/IC-XXII/Ref.4 and requests the IHP Secretariat to prepare and commission such a review and to report the findings to the 23rd session of the IHP Council;
- Urges** Member States to encourage all national experts, IHP National Committees, water related Category 2 Centres and UNESCO Chairs currently involved in the governance or coordination of IHP Programmes and major initiatives to actively assist the IHP Secretariat in gathering the requested information;
- Invites** the 23rd session of the IHP Council to review the evaluations findings, in order to consider how best to strengthen the high impact IHP Programmes and Initiatives with strategic plans and how to reorientate or terminate others, if necessary;
- Requests** the IHP Secretariat, based on the results of the evaluation, to propose to the 23rd session of the IHP Council, relying on a consultation process with the IHP National Committees, a new mechanism for the ongoing, routine collection and reporting of monitoring information on the outputs, impacts and governance for all IHP Programmes and major initiatives and a defined set of criteria, against which the IHP Council can periodically assess their progress and potential future road maps.

Resolution XXII-7

IHP SUPPORT TO MEMBER STATES FOR A SOUND SCIENCE BASED IMPLEMENTATION OF THE SUSTAINABLE DEVELOPMENT GOAL n.6 AND OF THE WATER RELATED GOALS

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

- Acknowledging** UNESCO's contribution to the implementation of 2030 Agenda for Sustainable Development;
- Highlighting that** 2030 Agenda for Sustainable Development includes a dedicated Sustainable Development Goal (SDG) 6 on water and sanitation, that aims to "ensure availability and sustainable management of water and sanitation for all", as well as targets of other goals related to water;
- Recalling** IHP-IC/Resolutions XXI-6 and XXI-7 highlighting extensive and significant contributions of the UNESCO Water Family to promote the key role of water in the 2030 Agenda for Sustainable Development;
- Noting that** water resources, water supply and sanitation are at the very core of sustainable development and that access to safe clean drinking water and sanitation are recognized as a human right, as adopted by the UNGA in Resolution 64/292;
- Noting with appreciation that** water is identified as one of UNESCO's priorities by its Member States;
- Emphasizing** the importance placed within SDG 6 on international cooperation and capacity development and the transfer of technology and thus the need to foster capacity at national level to develop activities with the aim of ensuring the success of 2030 Agenda for Sustainable Development;
- Recognizing** the needs of Member States and in particular developing countries, the least developing countries and small islands developing states to monitor and reinforce their capacities and the transfer of technology towards a sound science based implementation and monitoring of SDG 6 targets and those of other water related targets;
- Keeping in mind** that IHP is an intergovernmental programme devoted to water research, water resources management, and education and capacity building tailored to Member States needs;
- Considering** that the UNESCO Water Family operates as a global network to implement the Organization's strategic goals and its potential for developing sound science based tools for the implementation and monitoring of SDG 6 targets and those of other water related goals;
- Requests** the IHP Secretariat to provide support to Member States to build their institutional capacities, human resources and a sound basis in science capacity for the monitoring and implementation of SDG 6 targets and those of other water related goals;

- Invites** the Director-General of UNESCO to open a separate special account for IHP, designated “IHP Fund for the Implementation of SDG 6”, to receive financial support to take actions at the request of the Member States for capacity building activities in support of Member States for the implementation of the SDG 6 targets and those of other water related goals, and to present its financial regulations to the 39th session of the General Conference;
- Requests** the IHP Secretariat to establish the draft financial regulations for the special account and to mobilize the UNESCO’s Water Family to voluntarily contribute proactively to the implementation and reporting process on SDG 6 targets and those of other water related goals;
- Appeals** to Member States to contribute on a voluntary basis to this special account;
- Decides** to include on the agenda of the 23rd session of the IHP Council an item related to this special account.

Resolution XXII-8

**PROPOSALS FOR THE ESTABLISHMENT OF WATER-RELATED CATEGORY 2 CENTRES
UNDER THE AUSPICES OF UNESCO**

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

- Noting** the critical importance of freshwater issues at the global, regional and national levels for sustainable development in face of mounting global changes;
- Considering** UNESCO's fundamental role in enhancing water security as defined by the strategic plan for IHP-VIII through: (1) mobilizing international cooperation to improve knowledge and innovation to address water security challenges; (2) strengthening the science-policy interface to reach water security at local, national, regional, and global levels, and (3) developing institutional and human capacities for water security and sustainability;
- Acknowledging** the role of the growing network of category 1 and category 2 water-related centres and institutes in providing UNESCO with an increasing capability to implement its strategic priorities;
- Noting with appreciation** the willingness of the Governments of Mexico and the Federative Republic of Brazil, to undertake the establishment of category 2 water-related centres significantly enhancing thematically the existing network of centres;
- Recognizing** the valuable services that the centres may render to Member States and stakeholders throughout the globe and the valuable contributions that they will provide to the implementation of IHP in particular on water security and transdisciplinary water-related knowledge;
- Noting** the comments by the IHP Bureau that lead to the endorsement of the Mexican proposal;
- Noting with appreciation** the willingness of Federative Republic of Brazil to work on to further complete the proposal for the International Centre on Water and Transdisciplinarity (CIRAT) at the Botanical Garden in Brasília, that will be considered by the 55th session of the IHP Bureau with a view towards its endorsement for submission to the Governing Bodies of UNESCO, based on the result of a consultation process with all IHP Council members;
- After due consideration** of the individual proposal for the establishment of the Regional Centre for Water Security at the Institute of Engineering of the National Autonomous University of Mexico (II-UNAM) and the Mexican Institute of Water Technology (IMTA) endorses it as a category 2 centre under the auspices of UNESCO;
- Requests** the assistance of the IHP Secretariat to prepare the necessary documentation to be submitted to the governing bodies of UNESCO toward the creation of a centre in conformity with the IHP strategy for UNESCO category 2 water-related centres and the Integrated Comprehensive Strategy

for Category 2 Institutes and Centres (document 37 C/18 Part I and Annexes), as approved by the 37th session of the General Conference (37 C/Resolution 93);

Invites the IHP National Committees of the concerned countries to support the establishment and functioning of the centre;

Also Invites Member States and the UNESCO Water Family and other partners to actively support the proposed centres and ensure cooperation and collaboration in the common endeavors for the benefit of all.

Resolution XXII-9

Contribution of the IHP to the preparation and follow-up of the 22nd Conference of Parties (COP 22) of the United Nations Framework Convention on Climate Change (UNFCCC) to be held in Marrakesh, Morocco, in November 2016

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

- Recognizing** that global change, including climate change, represents an immediate and potentially irreversible threat for the human society and the planet itself, primarily on freshwater systems and water security, which requires the cooperation of all countries, and their active participation within the framework of an effective and appropriate international response;
- Welcoming** the conclusions of the 21st Conference of the Parties (COP 21) to the United Nations Framework Convention on Climate Change (UNFCCC) held in Paris in December 2015 and, in particular, the adoption of the Paris Agreement as the first universal and binding agreement concerning climate change;
- Acknowledging** the efforts made by the Kingdom of Morocco for the organization and the preparation of the 22nd Conference of the Parties (COP 22) to the UNFCCC, which will be held in November 2016 in Marrakesh, Morocco, in the same location as COP 7;
- Noting** the crucial importance of issues related to water at the various global, regional and national levels, with regard to sustainable development;
- Acknowledging** the active contribution of UNESCO to the preparation and organization of the COP 21, with initiatives aiming at promoting the mobilization of all stakeholders involved, and in particular the water science community;
- Recalling** 38C/Resolution 21, 35 C/Resolution 33, 179 EX/Decision 15, 180 EX/Decision 16 and 181 EX/Decision 15 related to the UNESCO Strategy to address Climate Change;
- Considering** the fundamental role UNESCO is playing, according to the strategic framework for the eight phase of the IHP, in the mobilization of the international cooperation for adaptation to the effects of climate change on water resources, as well as in building institutional and human capacities for water security and sustainability in the context of the serious consequences of global change;
- Invites** the national bodies in charge of water, the IHP National Committees and Focal Points, to encourage their countries to actively participate in the debates for the preparation of and follow-up to COP 22, to advocate for water related issues, so that they are adequately taken into account in the international negotiations on climate change;

- Encourages** the Director-General of UNESCO to pursue actions, taking advantage of the interdisciplinary mandate of the Organization, to address global changes, in particular climate change, on the basis of the reflections, foresight and anticipation conducted by its Member States in the field of water;
- Calls upon** the IHP Secretariat to prepare a working document with a view to eventual submission towards the 201st session of the Executive Board of UNESCO with:
- i) a strategy to raise the issue of water at the appropriate level of importance within COP 22 process;
 - ii) concrete proposals concerning the contribution of IHP to the implementation of decisions made at COP 21 and COP 22, as well as to the implementation of the IHP itself, in response to the needs of Member States in the coming years.

ANNEX V

LIST OF ACRONYMS AND SPECIAL TERMS USED IN THIS REPORT

2iE	International Institute of Water engineering and Environment
BGR	German Federal Institute for Geosciences and Natural Resources
BIP	Basic Instruction Package
CIRAT	International Centre on Water and Transdisciplinarity
COP	Conference of the Parties
DRs	Draft Resolutions
ERCE	European Regional Centre for Ecohydrology
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
GEF	Global Environment Facility
GEMI initiative	Integrated Monitoring of Water and Sanitation Related SDG Targets
G-WADI	Global Network on Water and Development Information for Arid Lands
HLPW	High-Level Panel on Water
IAHS	International Association of Hydrological Sciences
IAHR	International Association of Hydro Environment Engineering and Research
ICHARM	International Centre for Water Hazard and Risk Management
ICIWaRM	International Centre for Integrated Water Resources Management
ICL	International Consortium on Landslides
IDI	International Drought Initiative
IFI	International Flood Initiative
IGGP	International Geoscience and Geoparks Programme, IGGP
IHP	International Hydrological Programme
IHP-RSC SEAP	IHP-Regional Steering Committee for Southeast Asia and the Pacific
IHP-VII	Seventh Phase of the International Hydrological Programme (2008-2013)
IHP-VIII	Eighth Phase of the International Hydrological Programme (2014-2021)
IOC	Intergovernmental Oceanographic Commission
IPL	International Programme on Landslide
IRTCES	International Research and Training Centre on Erosion and Sedimentation
IRTCUD	International Research and Training Centre on Urban Drainage
ISI	International Sedimentation Initiative
LAC	Latin America and the Caribbean
MAB	Programme on Man and the Biosphere

MOST	UNESCO's Management of Social Transformations Programme
OECD	Organization for Economic Co-operation and Development
RC-IRBM	Regional Centre for Integrated River Basin Management
RCUWM	Regional Centre for Urban Water Management
RCWH	Regional Centre on Capacity Development and Research in Water Harvesting
SDG	Sustainable Development Goal
SIDS	Small Island Developing States
SIWI	Stockholm International Water Institute
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNESCO-IHE	UNESCO-IHE Institute for Water Education
UNFCCC	United Nations Framework Convention on Climate Change
WLRI	World Large Rivers Initiative
WMO	World Meteorological Organization
WWAP	UN World Water Assessment Programme
WWDR	World Water Development Report