

Format for Biennial Reports by UNESCO's Water-related Centres on activities related to the IHP in the period (June 2014 – May 2016)

1. Basic information on the centre

Name of the Centre		International Centre for Water Cooperation
Name of Director		Dr Therese Sjömander Magnusson
Name and title of contact person (for cooperation)		Dr Marian Patrick
E-mail		Marian.patrick@siwi.org
Address		Linnegatan 87A, 10055
Website		http://internationalwatercooperation.org/
Location of centre		city/town _____ Stockholm _____ country _____ Sweden _____
Geographic orientation *		<input checked="" type="checkbox"/> global <input type="checkbox"/> regional
Region(s) (for regional centres)		
Year of establishment		2014
Year of renewal assessment		2020
Signature date of most recent Agreement		25 March 2014
Themes of activities during reporting period	Focal Areas ♦	<input type="checkbox"/> groundwater <input type="checkbox"/> urban water management <input type="checkbox"/> rural water management <input type="checkbox"/> arid / semi-arid zones <input type="checkbox"/> humid tropics <input type="checkbox"/> cryosphere (snow, ice, glaciers) <input type="checkbox"/> water related disasters (drought/floods) <input type="checkbox"/> Erosion/sedimentation, and landslides <input type="checkbox"/> ecohydrology/ecosystems <input type="checkbox"/> water law and policy <input type="checkbox"/> social/cultural/gender dimension of water <input checked="" type="checkbox"/> transboundary river basins/ aquifers <input type="checkbox"/> mathematical modelling <input type="checkbox"/> hydroinformatics <input type="checkbox"/> remote sensing/GIS <input type="checkbox"/> IWRM <input type="checkbox"/> Watershed processes/management <input type="checkbox"/> global and change and impact assessment <input type="checkbox"/> mathematical modelling <input checked="" type="checkbox"/> water education <input type="checkbox"/> water quality <input type="checkbox"/> nano-technology <input type="checkbox"/> waste water management/re-use <input type="checkbox"/> water/energy/food nexus <input type="checkbox"/> water systems and infrastructure <input type="checkbox"/> other: (please specify) _____
	Scope of Activities ♦	<input type="checkbox"/> vocational training <input checked="" type="checkbox"/> postgraduate education <input type="checkbox"/> continuing education <input checked="" type="checkbox"/> public outreach <input checked="" type="checkbox"/> research <input checked="" type="checkbox"/> institutional capacity-building <input checked="" type="checkbox"/> advising/ consulting <input type="checkbox"/> software development <input type="checkbox"/> data-sets/data-bases development <input type="checkbox"/> other: (please specify) _____

* check on appropriate box
 ♦ check all that apply

Support bodies ¹	SIWI, Swedish Government
Hosting organization ²	SIWI
Sources of financial support ³	SIWI, Swedish Government
Existing networks and cooperation ⁴	Partnership agreement with Uppsala University and Gothenburg University
Governance	<input checked="" type="checkbox"/> director and governing board <input type="checkbox"/> other: (please specify) _____ Link to election of board members to the IHP Intergovernmental Council (IGC) and hosting country IHP National Committee _____ Frequency of meetings: once every _1_ year(s) <input checked="" type="checkbox"/> Existence of UNESCO presence at meetings
Institutional affiliation of director	SIWI
Number of staff and types of staff	total number of staff (full-time, or equivalent) : ____1,5____ number of staff who are water experts: ____1,5____ number of visiting scientists and postgraduate students: ____1____
Annual turnover budget in USD	320 000

2. Activities undertaken in the framework of IHP in the period June 2014 – May 2016

2.1 Educational activities (i.e., those with accreditation) that directly contributed to the IHP-VIII (Appendix 1) and WWAP

- 3 PhD students (2015 – ongoing)
- 1 Post-doc researcher (2015 – ongoing) (co-funded with Hague Institute)

2.2 Research activities that directly contributed to the IHP-VIII activities

- In January 2015 ICWC compiled a Draft of IHP Concept Note on Water Diplomacy for coordination of UNESCO Cat II Centres
- Ongoing development of research strategy for Centre: "Platforms for Inclusive Water Cooperation" (Gender, Environmental Peacebuilding, Regional Integration)

2.3 Training activities that directly contributed to the IHP-VIII and WWAP objectives

- 29 – 31 July 2015 ICWC Collaboration with UNESCO IHP on Water Diplomacy training undertaken for the Groundwater Resources Governance in Transboundary Aquifers (GGRETA Project) the Stampriet case study.
- 28 September 2015 ICWC Water Diplomacy training: US Water Partnership Webinar (via partner World Vision) on WD and Water Justice, with Aaron Wolf (OSU) and Mark Zeitoun (UEA).

¹ please specify bodies that cover the operational costs of the centre, and other essential costs such as salaries and utility bills, and that provide institutional support to ensure centre's sustainability

² if different from support bodies

³ please specify sources of main budgetary and extrabudgetary funds to implement projects

⁴ please write international networks, consortiums or projects that the centre is part of, or any other close links that the centre has with international organizations or programmes, which are not already mentioned above

3. Collaboration and linkages

- 3.1 Participation in major international networks, programmes, partnerships with other UN or other International Agencies, media and professional bodies
- 13 April ICWC at World Water Forum participated as panellist on IUCN's session: Lessons from BRIDGE – Building River Dialogue and Governance in Transboundary Basins
 - 15 April 2015 ICWC at World Water Forum organized a seminar on Water Diplomacy and Multilevel governance
 - 26 – 29 May 2015 ICWC at the World Water Congress- Keynote: Architecture of Water Governance (Invite from UNESCO Centre Dundee)
 - 8 June 2015 ICWC invited to present keynote at Preventive Diplomacy seminar in Berlin (organized and invited by the German UNESCO Cat II Centre)
 - 25 August 2015 ICWC at WWW – Session on Strengthening Water Diplomacy for Water Cooperation and Water Justice.
 - 13 – 15 September 2015 ICWC attended OSCE 'Concluding Meeting on the Economic and Environmental Forum': on Water Governance and Sustainable Development. Participated in panel discussion on 'effective institutional and legislative frameworks for good water governance at all levels' from a transboundary perspective.
- 3.2 Participation in meetings related to the IHP and UNESCO (e.g. the UNESCO General Conference, the UNESCO Executive Board, the IHP Intergovernmental Council and/or other meetings organized by IHP)
- 16 September 2015 ICWC attended the Informal meeting of interested parties in the implementation of the UN Watercourses Convention, hosted by IHP
- 3.3 Collaboration and networking with other UNESCO category 1 or 2 institutes/ centres
- 3.3.1 cross-appointment of directors of the category 1 or 2 institutes or centres on the governing board
- Dr Therese Sjömander Magnusson on Governing Board of International Centre for Water Resources and Global Change (ICWRGC)
- 3.3.2 exchange of information on activities such as training/educational materials, and funding opportunities
- MOU with UNESCO IHE (Funds from Dutch MFA)
- 3.3.3 exchange of staff, most notably professionals and students
- Oct – Nov 2015: Visiting Scientist Dr Jamie Pittock from the UNESCO Chair in Water Economics and Transboundary Water Governance, Australian National University (with IHP co-funding)
- 3.3.4 implementation of joint activities, such as workshops, conferences, training programmes, joint projects, field visits, software and data sharing, knowledge exchange and publications
- Joint proposal with Dundee UNESCO Centre to DfID (unsuccessful)
- 3.4 Relationships with the UNESCO field and regional office whose jurisdiction covers the country of location
- None

- 3.5 Relationship with the UNESCO National Commission and the IHP National Committee in the country of location and with other organizations of other countries
 - Representative on ICWC Governing Board
 - Informal ongoing contact with Swedish National Commission
- 3.6 Relationship with other UNESCO-related networks, such as UNESCO Clubs, ASPnet, and UNESCO chairs
 - Contact with UNESCO water related Centres and Chairs via IHP Secretariat
- 4. Communication**
 - 4.1 Communication and knowledge dissemination activities undertaken in the framework of IHP
 - Via website: <http://internationalwatercooperation.org/>
 - Via LinkedIn Group: Water Cooperation & Diplomacy - ICWC (141 Members)
 - 4.2 Policy documents and advice
 - Contribution to the Swedish Research Bill
- 5. Update on Centre Operations**
 - 5.1 Membership of the Board of Governors between designated period
 - Torgny Holmgren, Executive Director, SIWI (Chair)
 - Blanca Jimenez-Cisneros, Director of the Division of Water Sciences (IHP), UNESCO
 - represented by Alice Aureli, Chief of Section, Groundwater Systems, UNESCO-IHP
 - Anders Malmberg, Deputy Vice-Chancellor, Uppsala University
 - Helena Lindholm Schulz, Pro Vice-Chancellor, University of Gothenburg
 - Anders Granlund, National UNESCO Commission
 - 5.2 Key decisions made (attach minutes of meetings)
- 6. Evidence of the Centre's Impacts**
 - 6.1 Science Impacts (Major contributions to the science, technology, education, and regional and/or international cooperation in the field of water)
 - 6.2 Knowledge Transfer Impacts (Major achievements in the dissemination of knowledge and technology transfer)
 - 6.3 Policy Impacts (advice sought by government and other bodies and evidence of inputs into policy arena)
- 7. Future activities that will contribute directly to IHP and/or to WWAP**
 - 7.1 Operational Plan (attach if available)
 - Research: Gender and Transboundary Water Cooperation
 - Capacity Building: Water Diplomacy
 - 7.2 Strategic Plan linked with IHP-VIII (Appendix 1). Focal areas within IHP-VIII the centre plans to contribute to and specific actions the centre will undertake to align its activities with the strategic plan for IHP-VIII
 - THEME 6: WATER EDUCATION, KEY FOR WATER SECURITY
Focal area 6.5 - Education for transboundary water cooperation and governance
- 8. Annexes**

- 8.1 List of publications released by the centre (there can be overlap with those listed in 2.3 above)
- 8.2 List of training courses conducted (there can be overlap with those listed in 2.1 above)

Appendix 1

Overview of the Core Programme Themes of the Eighth Phase of the IHP (2014-2021) WATER SECURITY: ADDRESSING LOCAL, REGIONAL, AND GLOBAL CHALLENGES

THEME 1: WATER-RELATED DISASTERS AND HYDROLOGICAL CHANGE

- Focal area 1.1 - Risk management as adaptation to global changes
- Focal area 1.2 - Understanding coupled human and natural processes
- Focal area 1.3 - Benefiting from global and local Earth observation systems
- Focal area 1.4 - Addressing uncertainty and improving its communication
- Focal area 1.5 - Improve scientific basis for hydrology and water sciences for preparation and response to extreme hydrological events

THEME 2: GROUNDWATER IN A CHANGING ENVIRONMENT

- Focal area 2.1 - Enhancing sustainable groundwater resources management
- Focal area 2.2 - Addressing strategies for management of aquifers recharge
- Focal area 2.3 - Adapting to the impacts of climate change on aquifer systems
- Focal area 2.4 - Promoting groundwater quality protection
- Focal area 2.5 - Promoting management of transboundary aquifers

THEME 3: ADDRESSING WATER SCARCITY AND QUALITY

- Focal area 3.1 - Improving governance, planning, management, allocation, and efficient use of water resources
- Focal area 3.2 - Dealing with present water scarcity and developing foresight to prevent undesirable trends
- Focal area 3.3 - Promoting tools for stakeholders involvement and awareness and conflict resolution
- Focal area 3.4 - Addressing water quality and pollution issues within an IWRM framework - improving legal, policy, institutional, and human capacity
- Focal area 3.5 - Promoting innovative tools for safety of water supplies and controlling pollution

THEME 4: WATER AND HUMAN SETTLEMENTS OF THE FUTURE

- Focal area 4.1 - Game changing approaches and technologies
- Focal area 4.2 - System wide changes for integrated management approaches
- Focal area 4.3 - Institution and leadership for beneficiation and integration
- Focal area 4.4 - Opportunities in emerging cities in developing countries
- Focal area 4.5 - Integrated development in rural human settlement

THEME 5: ECOHYDROLOGY, ENGINEERING HARMONY FOR A SUSTAINABLE WORLD

- Focal area 5.1 - Hydrological dimension of a catchment– identification of potential threats and opportunities for a sustainable development
- Focal area 5.2 - Shaping of the catchment ecological structure for ecosystem potential enhancement – biological productivity and biodiversity
- Focal area 5.3 - Ecohydrology system solution and ecological engineering for the enhancement of water and ecosystem resilience and ecosystem services
- Focal area 5.4 - Urban Ecohydrology – storm water purification and retention in the city landscape, potential for improvement of health and quality of life
- Focal area 5.5 - Ecohydrological regulation for sustaining and restoring continental to coastal connectivity and ecosystem functioning

THEME 6: WATER EDUCATION, KEY FOR WATER SECURITY

- Focal area 6.1 - Enhancing tertiary water education and professional capabilities in the water sector
- Focal area 6.2 - Addressing vocational education and training of water technicians
- Focal area 6.3 - Water education for children and youth
- Focal area 6.4 - Promoting awareness of water issues through informal water education
- Focal area 6.5 - Education for transboundary water cooperation and governance