

Capacity Building for Improved Water Resources Management

Stockholm International Water Institute

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The Stockholm International Water Institute

- SIWI – an independent policy think-tank formed as a foundation in Sweden to focus on water issues globally
- Our Vision: *A Water Wise World*
- Our Mission:
“SIWI develops and promotes future oriented and knowledge–integrated policies, towards sustainable use of the world’s water resources leading to sustainable development and poverty eradication”

World Water Week

Building Capacity – Promoting Partnership – Reviewing Progress



- Considered by many as the most important annual meeting to discuss water/environment/development.
- Focuses on the links between; water, sanitation, environment, food, health, development, poverty eradication, security etc
- Gathers scientists, politicians, UN, International and regional organisations, decision makers, NGOs, media, financiers....and all others

www.worldwaterweek.org

Stockholm Water Prize



- Presented annually for achievements in water science, management, action or awareness building
- Patronised by H.M. King Carl XVI Gustaf of Sweden
- Other prizes include:
 - Stockholm Junior Water Prize
 - Stockholm Industry Water Award
 - Swedish Baltic Sea Water Award

SIWI Projects

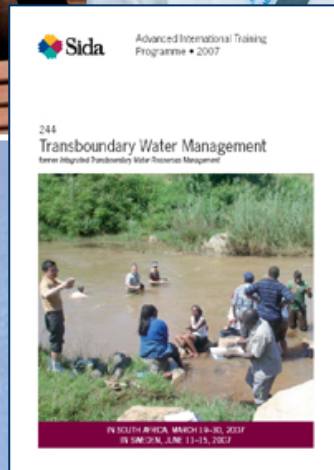


In support of SIWI's vision of being a leading edge global policy actor and think tank:

- Provide demand driven advisory services to global, regional and local clients on water resources management & development
- Undertake applied research and policy related work to promote good IWRM & development
- SIWI provides advisory services to a number of organisations such as Sida, Swedish Ministry of Foreign Affairs, UNDP and World Meteorological Organisation

SIWI Capacity Building

Objective: Water related management and development capacity enhanced in institutions and individuals through improved awareness, knowledge and skills



- **Aim:** Provide knowledge and tools to individuals and organizations, to deal with their own water related challenges
- **Focus areas:**
 - Transboundary Water Management and
 - Integrated Water Resources Management
- **Emphasis on the management and governance aspects of water resources,**
- **Target group:** Mid-career professionals,
- **Approach:** knowledge-exchange and peer-to-peer learning.

Sida supported ITPs

- In 2005 SIWI and Ramboll Natura, started implementing Sida funded International Training Programmes (ITPs) covering two themes:
 - **Integrated Water Resources Management (IWRM)**: overview of the various elements in improving the management of water resources, focussing on trade-offs between water-use sectors and promoting the basin approach.
 - **Transboundary Water Management (TWM)**: introduces participants to some of the tools and approaches used in promoting regional development through cooperation over shared water.

Current Training Programmes

TWM	IWRM
TWM Global – around 60 countries	IWRM Global – around 60 countries
Lake Victoria (East Africa – 5 countries)	Zambezi River Basin states (southern Africa – 8 countries)
Mid-East / North Africa (10 countries)	West Africa – Francophone (9 countries)
Tigris-Euphrates Region (4 countries)	Indonesia – national level
Cunene River Basin Organisation	
Limpopo River Commission	

Partners

Funding agencies



Consortium Partners

Ramboll Natura

SIWI

Regional Partners

ACWR

IWMI

ACTS

WaterNet

University of Jordan

GWP-WA

Target Groups

- Mid-career professionals whose work is either impacted by water management decisions or who have an impact on them,
- Over time there has been a shift to including more people outside of the formal water sector – e.g. transport, health, energy etc,
- Various groups incl: national and local government, regional and international organisations, river basin organisations, NGOs, CBOs, media, private sector and academia,
- Close to 700 participants since 2005.

Approach to CB

- Participant-centered – linking with their job activities; through an Individual Project,
- Facilitate peer-to-peer knowledge exchange,
- Introduce participants to a wide range of possible solutions - not just one approach,
- Use many hands-on and interactive activities – field trips, panel discussions, group exercises, role-play etc,
- Always collaborate with a local partner organisation – letting them assume more responsibility over time,
- Guiding principle is that water, if properly managed, can be an avenue for peace, cooperation and development within and between countries.

A typical training programme

Module One – develop project at home (1 month)



Module Two – Face to Face session in the region (2 – 3 weeks)



Module Three – further develop project at home (1 month)

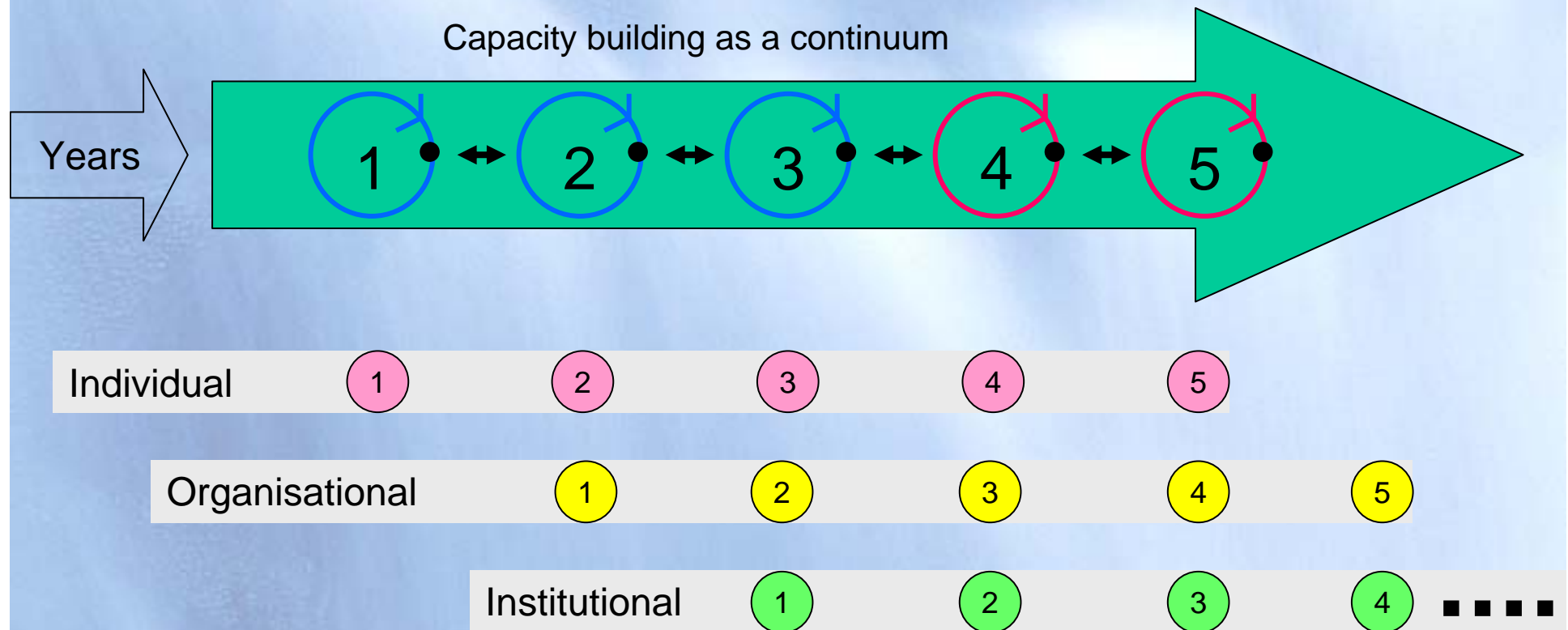


Module Four – Face to Face session in Stockholm (1 – 2 weeks)



Module five – completion of project and report back (1 month)

Impact Monitoring



Key Topics



- International Water Law
- Hydro-politics
- Water allocation approaches
- Stakeholder participation
- Environmental Flows
- Benefit sharing

Negotiations Role Plays



- Two-day simulation of negotiations over forming an international river commission, or a national IWRM planning agency,
- Allows participants to try out different approaches to negotiations – and get to know about challenges associated with specific roles.

Custom-designed Training

- Training programmes designed to meet the needs of various clients – river basin organisations, national water authorities, stakeholder groups, academic programmes, companies etc.
- SIWI draws from an international network of experienced water management practitioners and academics, representing the leading edge in their fields.
- Developing programmes with the Palestinian Water Authority and Litani River Authority (Lebanon).
- Discussing programmes with gov. of South Africa and gov. of Vietnam for national-level IWRM training.
- Always work in combination with a good local partner to deliver the programmes.

World Water Week 2010 Training Events

- As 2010 is the 20th anniversary of water week, SIWI is offering a set of training modules linked to the week in Stockholm – making use of the professionals available,
- Possible topics on offer:
 - Water Negotiations Role-play & theory (2 days)
 - International Water Law for Practitioners (1 day)
 - Benefit Sharing in international basins - from theory to practise (1 day)
 - Methodologies for Environmental Water Requirements (1-2 days)
 - River Basin planning and allocation module (1-2 days)
 - Others of interest?

Global IWRM Programme for 2010

- Applications open to around 60 countries worldwide,
- Introduces a range of topics related to IWRM planning and implementation,
- Open to mid-career professionals
- Includes attendance of the World Water Week in Stockholm
- Applications submitted by March 2010
- Module Two in Sweden in September 2010
- Module Four in Laos in November 2010
- Apply at www.siwi.org



Advanced International Training
Programme • 2009

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Integrated Water
Resources Management (IWRM)



IN SWEDEN AUGUST 10 – SEPTEMBER 1, 2009
AND IN LAO PDR NOVEMBER 30 – DECEMBER 11, 2009

Conclusion

- Programmes having an impact in the regions where they have been focussed – contributing to negotiations and cooperative management of water resources,
- Need for more training in water management topics for mid-career professionals – witness the increased applications for the ITPs,
- Important to include sectors outside water sector – eg energy, agriculture, health, transport etc,
- Each region is different – course content as well as pedagogic design needs to be relevant,
- Strong institutions improve the chances of managing the global water crisis successfully.

Muito Obrigado! **Muchas gracias!**

For more information contact me at:

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