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Use of Earth Observation Tools for IWRM



TIGER INITIATIVE

Cap-Net UNDP, the European Space Agency (ESA) <http://www.esa.int/ESA> and Faculty of Geoinformation Science and Earth Observation, University of Twente (ITC) <http://www.itc.nl/> have agreed to form a partnership to up-scale capacity development on the use of space technology for water resource management in Africa within the

TIGER Initiative. <http://www.tiger.esa.int/> The partnership is devoted to support African scientists and water managers in developing and improving their scientific skills and technical capacity to make the best use of earth observation technology for sustainable water resources management. TIGER focus on the use of space technology for water resource management in Africa and provide concrete actions to match resolutions.

The partnership is anchored on synergies in activities and capacity of the 6 Cap-Net affiliated networks in Africa (WaterNet, WaterCap, AGW-Net, NBCBN, WA-Net, and Nile IWRM-Net) and also the 4 TIGER Regional Centres (Regional Centre for Mapping of Resources for Development (RCMRD) in Kenya, the AGRHYMET Regional Centre (ARC) in Niger, the Water Research Commission (WRC) in South Africa and the Observatoire du Sahara et du Sahel (OSS) in Tunisia. The partnership activities are expected to expand to other regions globally where Cap-Net is active, in the near future.

For further information contact

Themba Gumbo at Cap-Net (themba.gumbo@cap-net.org)

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WATERCAP INITIATIVE

In partnership with Cap-Net, NETWAS and Kenya Water Institute, WaterCap launched a course designed to facilitate acquiring of hands-on skills in application of Geographical Information System (GIS) and Remote Sensing (RS) in water resources management interventions, in Nairobi, Kenya from the 22nd – 30th of April. The objective is to learn to work with spatial data, satellite images and GIS tools, as well as improving assessment, monitoring and enforcement functions of water resources management. The main aims are to: Develop a sound fundamental understanding of the GIS and remote sensing technologies, understand the basic principles underlying the GIS/model-based management of water resources and environment and to become familiar with the GIS-based analytical and problem-solving techniques for sustainable planning and management of water resources and environmental problems



This course targets Water Managers, Practitioners, and Trainers in Water Training Institutions, Water Research Institutions, Water Resources Management Authority, National Environmental Management Authority and the Meteorological Department. For more information, please contact Wangai Ndirangu at WaterCap

at: wangai@beassociates.co.ke

Climate Change and IWRM national workshop - REDICA - Panama

The objective of the workshop was to address alternatives around the strong need of water for human consumption and the need for ecological flow transiting through the river to support aquatic life. Stimulating capacity development actions and training activities on IWRM and the basin level been conscious of the impact at the Climate Change were also on the agenda.



The target audience for the workshop, which took place from 22nd to 24th April, was lecturers and researchers at the Technological University of Panama, officials of the Authority for Public Services, National Environmental Authority, Transmission Company of Electricity, Ministry of Agriculture, Ministry of Health, Institute water and Sewage Systems, national networks involved in water management and power generation companies. There is an increasing use of water in order to generate electricity for economic development, where the requirement for water use has increased up to 90% in some basins of the country. The conflict arises during the dry season when the rivers levels are reduced due to the lack of rain, and irrigation water requirements in agricultural areas become much more critical.

For more information, please contact: Lilliana Arrieta, REDICA at: liliarrieta@hotmail.com

IWRM in Drought Risk Training of Trainers - REMERH-CapNet-Mex - Mexico



The ToT is organized by the REMERH-CapNet-Mex and the support of Cap-Net UNDP will be held at the Faculty of Civil Engineer- University of Nuevo León, Monterrey, México on 24-28 June 2013.

The training is aimed at strengthening of the capacity to reduce the impact of drought disasters through enhancing of IWRM knowledge and skills necessary for promoting and adoption of disaster reduction practices as an integrated part water resources management. The target group is a mixed group of trainers willing to disseminate training, water resources and disaster risk managers able to share cases form their work.

However, the level of training is reasonably high it's expected the participants will good experiences managing in water resources and disaster risk management issues, an addition skilled in basic use of computers.

The training is supported with training material set on IWRM in drought risk management and practical exercises and case studies, structured so as to incorporate participants' relevant experience and lessons application to their local context.

For registration, please complete application: www.remerh.mx/registro

For further information please contact: Víctor Hugo Guerra Cobián cobian64@hotmail.com and Díaz Delgado cdiazd@uaemex.mx

Joint SADC & EAC Regional Training of Trainers Course on Ecosystem Functions & IWRM - Zimbabwe

Cap-Net in partnership with its member networks developed a training course on Ecosystem functions and IWRM in order to provide new knowledge on the subject, due to take place from 8th to 12th July. Additionally WaterNet and WaterCap have in turn developed a training programme on Ecosystem functions and IWRM drawing on material from the Ecosystem Management: Concept to Local Scale Implementation training manual and the learning materials from the Ecosystems and IWRM training of trainers.



The overall goal of the programme is to make participants aware of the services that water ecosystems provide and to show the ecological processes that result in the provision of the services, and how they are affected by current water management practices.

The target audience is Government officials from Water and Environment line ministries mandated with water and environmental management; Water managers of River Basin Organizations or national Catchment Management Agencies; Universities and Non-Governmental Organizations involved in water and environmental management.

Interested candidates should submit their application form together with their Curriculum Vitae (maximum 2 pages) to the Water-Net Secretariat: rchioreso@waternetonline.org and copy waternet@waternetonline.org before the 10th of June 2013.

Revisiting Water Integrity training for RBOs: WaterNet – Malawi



WaterNet is leading the rollout of the Regional Capacity Building Programme on promoting integrity and accountability in the Sub-Saharan Africa water sector, in Southern Africa together with Cap-Net and the Global Water Partnership Southern Africa with strategic

guidance from the SADC Secretariat.

The SADC water community recommended a course targeting River Basin Organisations (RBOs). This is in view of the increased appreciation that as River Basin Organisations develop into autonomous organizations, they require high standards of corporate governance enabling trust by water users, and national water authorities who have to fund RBOs. As a result, this training workshop which took place from the 8th to 12th of April 2013, equipped senior management of River Basin Organisations with the requisite knowhow to appreciate and respect the rule of law, fostered openness, maintained transparency and accountability in all operations, and above all aimed to achieve better corporate governance practices. It was structured around seven basic modules that explained how corruption plays out in the water sector, what drives it and what can be done about it.

For more information, contact Jean-Marie Kileshye Onema at WaterNet at: jmkileshye-onema@waternetonline.org

Delft Events - Netherlands

We are pleased to announce the upcoming events to take place in Delft, The Netherlands: The Expert Consultation meeting and 5th Delft symposium on water sector capacity development is being organised by UNESCO-IHE in collaboration with Cap-Net, UNDP, the Asian Development Bank, the Ministry of Foreign Affairs of The Netherlands and Vitens-Evides International.



Building on a tradition which started in 1991, the Symposium will be the international forum for water users, development practitioners, researchers, policy makers, water professionals and capacity development specialists to discuss the challenges, current realities and new opportunities for knowledge and capacity development in the water sector. Following the Symposium, a Network Management Tools Training and Water integrity forum will also take place. These events will be held at UNESCO-IHE, Institute for Water Education, from 27th May to 7th June 2013.

For more information, regarding the events, please visit the UNESCO-IHE website: <http://www.unesco-ihe.org/CD-Symposium/Organizers>

You may also contact Kees Leendertse at: kees.leendertse@cap-net.org

IRC Symposium 2013: Monitoring Sustainable WASH Service Delivery - Ethiopia



IRC International Water and Sanitation Centre and partners organised the Monitoring Sustainable WASH Service Delivery symposium in Addis Ababa, Ethiopia from the 9th to 12th April. (http://www.irc.nl/home/irc_symposium_2013). The symposium provided a global platform for sharing the latest initiatives, tools, indicators and experiences and consisted of parallel sessions, with plenary debates.

In collaboration with Cap-Net the International Water Association (IWA) facilitated a session on Strengthening Monitoring of Human Resources in WASH. The session focused on reflecting on the

IWA global methodology to collect data on human resource gaps (skills) and shortages (number of workers) at the national level and on building coherence in these national monitoring of human resources versus global monitoring i.e. Joint Monitoring Programme (JMP) and the Global Assessment and Analysis System (GLAAS).

For more information contact Themba Gumbo (themba.gumbo@cap-net.org) at Cap-Net or Kirsten de Vette (Kirsten.deVette@iwahq.org) at IWA.

In Addition, Cap-Net participated in the African Monitoring and Evaluation process for tracking country progress in implementing commitment to the African Water Vision 2025 and the MDGs for Water and Sanitation. The meeting was organised under the auspices of the African Ministers Council on Water (AMCOW) and Africa Union Commission (AUC). Cap-Net made an input on the working group tasked with developing indicators for capacity development and knowledge management for sustainable water management. For more information contact Themba Gumbo (themba.gumbo@cap-net.org) at Cap-Net or Anselme Vodounhessi at GIZ at: (anselme.vodounhessi@giz.de)

Steering Committee meetings: Nile IWRM Network and the Africa Ground Water Network - Burundi

Steering Committee members along with Cap-Net representatives attended the meetings of Regional Steering Committee of the Nile IWRM Network and the Africa Ground Water Network, which were held back-to-back in Bujumbura, Burundi from 08 to 12 April 2012. The meetings were organized by the Nile IWRM-Net, in collaboration with Cap-Net and hosted by Burundi Chapter. The meeting brought together the Steering Committees and reviewed the networks progress, as well as operational challenges and the future programmes in Water Resources Management. Discussions ranged from diversifying Capacity Building Activities to various network strategies (Strategic Plan, resource mobilization and marketing).



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