



Monthly Report Global Water Partnership

June-August 2012

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NewsFlow September 2012

Balancing Growth and Environmental Protection

GWP participated in the “COP 11- of the RAMSAR Convention”, the 11th Meeting of the Conference of the Parties to the Convention on Wetlands entitled “Wetlands: Home and Destination” on 5-10 July in the Parliament Palace in Bucharest. Prof. Michael Scoullos, Chair of GWP Mediterranean delivered a [presentation as Invited Speaker in the Plenary on “Water security and the importance of wetlands as natural infrastructure in water resources management”](#). He emphasized that water security is part of the overall security since it is closely linked to food security, energy security, security of livelihoods, maintenance of biodiversity, and the reduction of natural risks such as floods, as part of the ecological services delivered by wetlands.

Read more.

COP11 offers the opportunity to deal with the challenges of protecting wetland ecosystems around the world and to set the Ramsar Convention strategy for the next 40 years. It was observed that in a global world, it is counterproductive to overlook the interdependence of development, tourism and biodiversity. Efforts are required to reduce the effects of climate change and to secure the livelihoods of local communities. An important aim of national strategies is environmental protection, including the prevention of pollution, for example, by shipping on the Danube River and other waterways. There is a need to balance the growth of strong economies with the protection of the natural environment.

The Convention on Wetlands (Ramsar, Iran, 1971), called the "Ramsar Convention", is an intergovernmental treaty that embodies the commitments of its member countries to maintain the ecological character of their Wetlands of International Importance and to plan for the "wise use", or sustainable use, of all of the wetlands in their territories. Unlike other global environmental conventions, Ramsar is not affiliated with the United Nations system of Multilateral Environmental Agreements (MEA), but works very closely with the other MEAs and is a full partner among the "biodiversity-related cluster" of treaties and agreements.

Presentations and a report from the meeting are available here:

http://www.ramsar.org/cda/en/ramsar-documents-cops-cop11-cop11-proceedings/main/ramsar/1-31-58-500%5E25863_4000_0

More information: GWP Perspectives Paper [“Water and the Green Economy”](#).

Rainwater Harvesting in Trinidad

GWP Caribbean together with its partner the Water Resources Agency (WRA) has established a Rainwater Harvesting (RWH) system within the Fondes Amandes community in St. Ann’s Trinidad.

[New GWP Chair Appointed](#)



The GWP Sponsoring Partners has announced the appointment of Dr. Ursula Schaefer-Preuss as its new Chair, effective January 1, 2013. Dr. Schaefer-Preuss’ latest assignment was as Vice President of the Asian Development Bank (ADB) in Manila for Knowledge Management and Sustainable Development. She was responsible for ADB’s Regional and Sustainable Development Department and Economics and Research Department (Office of the Chief Economist).

<http://www.gwp.org/en/gwp-in-action/News-and-Activities/New-GWP-Chair-Schaefer-Preuss-Appointed/>

The RWH system is patterned after a system based on best practices. The installation of the system is part of GWP Caribbean's contribution to the project *Water for Life: The Trinidad and Tobago Initiative*.

Read more.

What's distinctive about the system is that it has a strong focus on water quality and sanitation as it includes a first-flush diverter. The first-flush diverter is part of the downpipe configured to remove the initial wash off the roof so it does not enter the water tank.

The Fondes Amandes Community Re-Forestation Project (FACRP), a partner organisation of the GWP Caribbean located in the St. Ann's area is the chosen site for RWH system. The FACRP is a community based agro-forestry project which was started in 1982 by a group of farmers living in the Fondes Amandes Watershed who set out to halt the degradation of the watershed by practicing agro-forestry activities.

The building process to establish the RWH system got fully underway within the first half of the year, and some members of the Fondes Amandes community were included in the installation process. They were exposed to all the necessary material needed to build the system; how to determine a suitable location for installation; as well as how to install the tank and water level indicator; among other areas.

The *Water for Life: The Trinidad and Tobago Initiative* was launched in Trinidad in 2009 with the aim to deliver safe drinking water systems to school children and rural communities. The overall project is funded by a three-year renewable grant for USD \$300,000 from the Royal Bank of Canada (RBC) Blue Water Project.

Improving Water Availability in Costa Rica

GWP Costa Rica has been invited to participate in a pilot project on the improvement of the availability of water. About 61% of the country's 4.3 million people are located in urban areas, and while there has been significant progress in the past decade in expanding access to water supply and sanitation, the sector faces key challenges in low sanitation connections, poor service quality, and low cost recovery.

Read more.

The initiative is financed by the International Atomic Energy Agency (IAEA). Costa Rica is one of three chosen countries together with Oman and the Philippines. The objective of the project is to build capacity at the national level in the compilation, management and interpretation of data on water resources and in the use of advanced techniques to improve resources management. This will allow identifying the gaps in knowledge, especially information regarding underground water. GWP Costa Rica was able to share with the IAEA, the causes and actions needed to improve water management in their country.

Water Financing in Brazil

Following on the series of successful regional workshops on Water Financing carried out in 2009 and 2010 by GWP and the EUWI in South America, the international seminar, "Water and Environmental Sanitation Financing" was held in Porto Alegre on June 11, organized by GWP Brazil in partnership

with ABES-RS, the Brazilian Association for Sanitation and Environmental Engineering. Its aim was to identify and promote ways of funding water resources management.

Read more.

The workshop brought together members of the Basin Committees, universities, municipal representatives, financial institutions, NGOs and technical partnerships around the discussion of instruments and economic and financial mechanisms to promote sustainability of the water and sanitation sector.

The purpose was to identify and promote ways of funding, clarify doubts regarding how to access resources, and prompt funding agencies to consider specific aspects of water resources management systems, for instance by including in their priorities what was established in the basin management plan in the case of Brazil.

The following immediate needs were identified in the workshops:

- The need for the federal government to consider the priorities established in the Basin Plan when defining investment priorities;
- The need to adjust funding operations for water and sanitation currently applied so as to consider regional differences, especially the characteristics of the Amazon region.
- The need to consider, within the framework of projects, a percentage of investment to finance capacity-building and research in the area.

As a contribution to knowledge dissemination, GWP Brazil handed out copies of *Economic Aspects of Sustainable Water Management*, produced by Cap-Net, GWP and the EUWI-FWG in 2008. It will also deliver this material to individual Basin Committees and municipalities, seeking to support their management.

(Photos: <http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/GWP-en-las-noticias/2012-06-15/>)

Rio+20 Reaffirms Support for IWRM

“We reaffirm the commitments made in the Johannesburg Plan of Implementation and the Millennium Declaration [including] the development of integrated water resource management and water efficiency plans...” reads paragraph 120 of the Rio+20 statement. This reaffirms one of GWP’s top priorities. Here are links to a range of GWP-related activities during the conference:

[GWP at Rio+20: High-Level Dialogue on Water](#)

[GWP at Rio+20: Putting Mountains on the Global Agenda](#)

[Blog: Twenty years later, IWRM is still the Answer – Report from Rio+20](#)

[GWP at Rio+20: Mainstreaming Gender - Together We are Stronger](#)

[World Support for IWRM Reaffirmed by Status Report](#)

[How to Address Climate Change Threats](#)

[GWP Commitments to Gender](#)

[No Sustainable Development without Water Cooperation](#)

[High-Level Support for Cooperation in the Mediterranean Manifested at Rio+20](#)

[Anna Virginia Machado, President of GWP Brazil, at a Rio+20 press conference](#)

[The Status Report on the application of IWRM Management](#)

Using the IWRM ToolBox in Education

To build a closer working relationship on knowledge sharing with universities, a workshop on the GWP Toolbox and IWRM Knowledge Centers was held in Stockholm on 25 August 2012. More than 16 lecturers and researchers from universities participated and shared experiences on teaching IWRM and other water resources-related areas, with examples of how the Toolbox can be applied.

Read more.

The specific objectives of the workshop were to:

1. Establish the added value of what a Toolbox curriculum could bring to water resources management programmes.
2. Establish the range of courses/programmes that are and are not currently being taught, and to explore ways to better position the Toolbox to play a major role in water management programmes.
3. Explore the possibility of establishing IWRM Knowledge Centers to meet the capacity needs for teaching various aspects of IWRM as well as offering capacity building programmes.
4. Exchange information and experiences and create synergies to share experiences and recommendations that may be useful for others.

The ToolBox is central to GWP's efforts to connect those who can provide knowledge with those who need knowledge on IWRM. There are several universities that already use the ToolBox in their curriculum. The purpose is now to expand the use of the IWRM ToolBox in academia.

The plan is that the IWRM Knowledge Centers will be hosted at national and regional universities and other educational institutions. Such a network of universities can promote IWRM, share knowledge and experiences and building capacity. A report from the workshop will be published later.

Flood Management in Dhaka

Dhaka, the capital of Bangladesh, is a city that faces a number of environmental challenges such as urban and river flooding, water logging, earthquakes, fire hazards, traffic congestion and various anthropogenic problems. GWP Bangladesh has conducted a project that helps to identify weaknesses in existing flood management systems and to develop a flood risk management framework which has now been accepted by the Government.

Read more. [[links to a pdf published by SAS](#)]

Training Trainers on IWRM and Ecosystems

GWP Malaysia and the Global Environment Centre co-organised a Regional Training of Trainers course on Ecosystem Services and IWRM on 18-21 June 2012. It was targeted to enable greater awareness and understanding on ecosystem management based on a holistic and sustainable manner aimed at empowering relevant stakeholders in Malaysia with knowledge and skills needed to adopt the ecosystem services concept.

Read more.

The objective was that participants understand and familiarize themselves with ecosystem services as well as IWRM concepts and issues. The participants were expected to do their own valuation on Ecosystems and Environmental Services in addition to applying water management tools for ecosystem management, understand and implement the institutional arrangements and legal frameworks in their respective organisation and country. The training materials were adopted from the International Ecosystem Function and IWRM, conducted in Costa Rica.

The training was organised in partnership with Cap-Net. Thirty participants came from Cambodia, Lao PDR, Vietnam, Philippines and Timor Leste. Local participants were from the public sector, private companies, and NGOs.

GWP Partners Trained at Transboundary Workshop

Up to 45 participants from more than 20 countries participated in the annual “International Law and Transboundary Freshwaters” workshop, organized by the University of Dundee on 11-14 June 2012. It was the second time GWP provided support to participants from GWP Partner organizations, 28 on this occasion.

Read more.

<http://www.gwp.org/en/gwp-in-action/News-and-Activities/GWP-Partners-Trained-at-Annual-Transboundary-Workshop/>

New Resources on Water Security and Climate Resilient Development



Various products have been developed as part of the Water, Climate and Development Programme (WACDEP), an AMCOW programme being implemented by GWP.

Download the publications available in English, French and Portuguese here www.gwp.org/wacdep or order them via gwp@gwp.org.

GWP at WWW 2012

[GWP-Delta Alliance Initiative launched at World Water Week 2012](#)

[Global Water Partnership launched new publications at World Water Week 2012](#)

[Report: Concrete Actions Advancing the Integration of Gender, Water and Food Security](#)

[More about GWP's participation](#)

Meet Our Partners

GWP is a network of more than 2,600 institutional Partners. Watch video interviews with a few of our Partners: <http://www.gwp.org/en/About-GWP/Partners/Voices-from-the-GWP-Network/>

[Read more about the benefits of being a GWP Partner.](#)

[Get involved. Join our network!](#)

New GWP Partners – link to web page with list/links

[Kamfisht Universe Engineering](#), Bangladesh

Association des Specialistes en Decentralisation et Gestion des Eaux du Benin

Association de Lutte pour un Developpement Integre et pour la Protection de l'Environnement, Benin

[Afrigue Espace ONG](#), Benin

[Initiatives pour un Developpement Integre Durable](#), Benin

Cercle pour le Developpement des Initiatives Communautaires

Centre Regional pour la Promotion Agricole, Benin

Direction du Genie Rural, Benin

Volontaires d'Action pour le Developpement Integre et Durable

Association des Producteurs d'Eau Potable du Benin

[Cercle International pour la Promotion de la Création](#), Benin

ONG Jeunesse d'Afrique, Benin

[EKOPOT, Association for advancement, development and promotion of ecological agriculture, tourism and environment protection](#), Bosnia and Herzegovina

African Hope Services, Burundi

[Enterprise Development & Governance Facility](#), Cameroon

[Nicaragua Children's Foundation](#), Canada

[Savanta Inc.](#), Canada

Association pour le Developpement Rural Integre de Nganda-Tsundi, D.R. Congo

SOS-Femmes Solidaires sans Frontieres, D.R. Congo

[Per4mances](#), France

[Water Integrity Network](#), Germany

[Mancomunidad de Municipios de la Cuenca del Rio Narranjo](#), Guatemala

[Mancomunidad de Municipios La Laguna](#), Guatemala

[Isfahan Science & Technology Town](#), Iran

Ministry of Forestry and Land Reclamation, Lesotho

[Institute of Environmental Professionals](#), Malawi

Action for Environmental Sustainability, Malawi

Friends of Nature Youth Association, Malawi

[Niger Basin Authority](#), Niger

[Human Development Society](#), Pakistan

[Shah Abdul Latif Bjitari Welfare Society](#), Pakistan

Community Services Program, Pakistan

[Fundacion Parque Nacional Chagres](#), Panama

[The Palestinian Water Authority](#), Palestinian Territory

[Consultores para la Innovación Tecnológica de la Amazonia S.A.C.](#), Peru

[Gidahatari](#), Peru

[Friends of the Amazon](#), Peru

[Youth Empowerment Network](#), South Africa

Access Natural Water (Pvt.) Ltd, Sri Lanka

Regulus teknikutveckling, Sweden

Mifipro Trust Fund, Tanzania

Evangelical Lutheran Church in Tanzania Pare Diocese, Tanzania

[Youth and Women Empowerment Organization](#), Tanzania

[Sunya Ward Education and Training](#), Tanzania

[Pak Oasis](#), United Arab Emirates

Aqua Stilla Ltd, UK

[Environmental Support Services](#), LLC, USA

[Robert B. Daugherty Water for Food Institute](#), USA

[Love and Healing Hands Foundation](#), Zambia

ZAMBIA INSTITUTE OF ENVIRONMENTAL MANAGEMENT, Zambia
(Site under construction)
G.M. Alpha Tech Enterprises, Zambia
Department of Water Affairs, Zambia
Zimbabwe Open University, Zimbabwe
[Department of Physics, University of Zimbabwe](#)
Global Water & Environmental Management Trust, Zimbabwe
Factor of Hope, Zimbabwe
Concern Worldwide, Zimbabwe
IWRMUZ Class2012, Zimbabwe

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GWP in the news

[Global Water Partnership West Africa meets to find solutions to ineffectiveness in sub-region](#)
(GWP West Africa) (Ghana Business News)

[Vox Naturae Presented at Rio + 20](#) (Vox Naturae)

[origo] the second most popular newsportal in Hungary published two articles based on information received from **GWP Hungary**. The first on 20 July about greywater reuse and water saving techniques <http://www.origo.hu/idojaras/20120720-a-szurkeviz-aranyat-er-havonta-legalabb-4000ret-sporolhat-ha-okosabban.html> while the second on 10 August about false ideas on water, see: <http://www.origo.hu/idojaras/20120809-nem-viznagyhatalom-magyarorszag-negy-tevhit-az-ivovizrol-esoviz-aradas-szarazsag.html>. GWP Hungary was duly referred to.

[Training for Gozitan workers within the construction industry](#) (Gozonews)

[Kusum Athukorala wins 'Women in Water 2012' award](#)

More articles in our [Press Room](#).

GWP IWRM ToolBox

The [report](#) on the results of the IWRM ToolBox user survey.

Experiences from drafting groundwater management plan at transboundary basin are discussed in [case study](#) conducted by Hungarian and Slovak geological services.

Lessons from transboundary management of the Dniester River

The case study recommends improving institutional capacities of national institutions dealing with the water management through regional and international cooperation, attraction of best practices in different sectors of economy to the region, expert and information exchanges.

<http://www.gwp.org/en/GWP-CEE/gwp-cee-in-action/news-and-activities/Lessons-from-transboundary-management-of-the-Dniester-River/>

Revised tools on financing, regarding [economic instruments \(C7\)](#) and [financing policies \(A3\)](#).

[A case study by GWP Moldova](#) about collaboration of Ukraine and Moldova at a transboundary basin of Dniester.

Coming events

20 September 2012, MENBO [workshop: Tools to support and improve the Integrated Water Resources Management: STRATEAU and AQUATOOL. A Mediterranean Perspective](#), Valencia, Spain

27 September 2012, Second International Water Sustainability Summit, Chile

4-5 October 2012, 8th High Level Session (HLS) for Caribbean Ministers with responsibility for Water in The Bahamas on. This year, the Ministerial Forum will closely examine the link between “Water and Energy” and its impact on water resources management in the Caribbean.

8-11 October 2012, [International River Symposium](#), Melbourne, Australia

29 October -2 November 2012, [Water and Health Conference: Science, Policy, and Innovation](#), Chapel Hill NC, United States of America

5-7 November 2012, [International Conference on Fresh Water Governance for Sustainable Development](#), Drakensberg, South Africa

21-22 November 2012, [Interactions of Water with Energy and Materials in Urban Areas and Agriculture, IWRM](#), Karlsruhe, Germany

New Resources

In an effort to address challenges of climate change and water scarcity, GWP Central and Eastern Europe drafted “Integrated Drought Management Programme Inception Report” in July-August. <http://www.gwp.org/GWP-CEE/gwp-cee-in-action/news-and-activities/GWP-CEE-develops-response-to-drought/>

GWP Romania in close cooperation with the Administration of the Danube Delta Reserved and Protected Area has published the second volume of an educational series for students “Flora and Fauna from Biosphere Protected Area Danube Delta”.

[Manual for Training Trainers](#) in Integrated Water Resources Management in the Mekong Basin.

[User’s Guide to the UN Watercourses Convention](#) (2012) provides an “article-by-article” explanation of each provision and its potential application.

[New version of SEI's water planning software](#) (WEAP) (Stockholm Environmental Institute)

[Online water management guide- Water for Business](#) (WBCSD and IUCN)

[The annual report of the Water Partnership Programme](#) (World Bank)

[Water Security for Central Kosovo](#) (Water Partnership Programme)

[All publications and movies](#) (Co-operative Programme on Water and Climate)

[Climate change, water stress, conflict and migration](#) (A contribution of the Netherlands to the International Hydrological Programme of UNESCO)

[Training manual on water legislation and legal reform for integrated water resources \(Streams of Law\)](#) (Cap-Net)

[180: Where Does Water Come From?](#) (World Ocean Radio)

[Report on water Quality and Agriculture: Meeting the Policy Challenge](#) (OECD)

[Water Guide for Rio+20](#) (The UN Major Group of Children and Youth and SustainUS)

[IWA publishing books](#)

[Sustainable Water Ecosystems Management in Europe](#) (IWA publishing)

[Inception report for the GWP CEE part of the WMO/GWP Integrated Drought Management Programme](#) (GWP CEE)

Calls

Invitation to Apply for [Temasek Foundation Water Leadership Programme](#), 12-23 November 2012, Singapore

[UN Water and UNESCO slogan contest, Official Slogan Contest for Water Cooperation 2013](#), , the closing day - 15 November 2012

[Professional Certificate in Strategic Water Planning](#), 3rd - 6th December 2012, London UK

[9th National Award for Excellence in Water Management 2012](#), on 6-7 December 2012, Jaipur, Rajasthan

Water in the News

[Africa without Ice and Snow](#) (UNEP GEAS)

[Parliament of Turkmenistan voted for the country's accession to the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes](#) (Turkish Weekly)

[Regions Where Water Disputes Are Fuelling Tensions](#) (allAfrica)

[U.S. intelligence community- how water-related will affect national security interests over the next 30 years](#) (Alertnet)

[Thirsty South Asia's river rifts threaten "water wars"](#) (Reuters)

[Overcoming governance challenges to the mobilisation of financing for the Mediterranean water sector](#)", (Union for the Mediterranean)

GWP Regions

CARIBBEAN

Stakeholders Continue Efforts to Institutionalise IWRM in Trinidad and Tobago

Political will is needed to take Integrated Water Resources Management (IWRM) forward in Trinidad and Tobago is one of many notions that was brought to the fore at the recently concluded 10th IWRM Stakeholder Meeting held in Trinidad on August 15th, 2012.



Cross-section of stakeholders at the 10th IWRM Stakeholder Meeting on August 15th, 2012.

The Meeting which has been held quarterly since November 2009 is put on by the Water Resources Agency (WRA) of the Water and Sewerage Authority (WASA) of Trinidad and Tobago. The Meeting, which brings together a multi-sectoral group of stakeholders, is committed to mainstreaming IWRM in the country, to support the sustainable development and management of its water resources.

The 10th Meeting sought to critically analyse some of the challenges faced in IWRM implementation and for stakeholders to agree on a way forward in catalysing the implementation of the approach in Trinidad and Tobago.



Mr. Anthony Chadee, Deputy General Manager of the WRA is seen here addressing stakeholders.

Since 2005, the Government of Trinidad and Tobago through the Ministry of Public Utilities and the Environment Water Resources Management Unit drafted a national IWRM policy which was approved by cabinet but has not been put into effect. Speaking to stakeholders at the 10th Meeting, Mr. Anthony Chadee, Deputy General Manager of the WRA encouraged the group to focus on getting the existing draft policy operational.

A primary focus of the 10th IWRM Meeting was to discuss aimed at institutionalising the IWRM Stakeholder Meeting

It was felt that if the IWRM Stakeholder Group is approved the government, this would give the group the authority to advise all sectors in the area of water management.

Stakeholders suggested that the Decision Paper should clearly outline the objectives of the IWRM Stakeholder Committee, the reasons for institutionalising IWRM, among other areas.

Immediate Outcomes:

- A voluntary sub-committee was formed to help in the development of the IWRM Position Paper. The Global Water Partnership-Caribbean (GWP-C) is a member of the sub-committee.

- The Position Paper will first be drafted by the Water Resources Agency (WRA) and sent to the IWRM Position Paper sub-committee for review.
- A deadline period of early September was earmarked for the first draft of the Paper to be completed.

In addition to discussions on the IWRM Position Paper, a series of presentations took place at the Meeting; one such presentation was on a National Integrated Coastal Zone Management (ICZM) Steering Committee by Dr. Rahanna Juman of the Institute of Marine Affairs (IMA).

Like IWRM, Dr. Juman explained that with ICZM there are legal and institutional concerns as there is no existing integrated/cohesive management plan. She pointed out that the ICZM process is partnership oriented which means that it should include multiple stakeholders. She noted that it would be ideal to bring stakeholders together including those that are part of the IWRM Meetings to avoid redundancies.

The ICZM presentation raised various concerns amongst the stakeholders at the Meeting; the major one being the overlap with IWRM and how the ICZM Steering Committee would address the overlaps.

Another major issue raised was the fact that an IWRM policy for Trinidad and Tobago had been drafted since 2005 and legislation on the policy seems to have come to a halt. Yet ICZM planning seems to be making a greater impact at the government level. A consensus amongst the stakeholders was that the IWRM Stakeholder Group and ICZM Committee should work together.

Recommendation by Stakeholders:

- The WRA and the WASA to be represented on the ICZM Committee.

Another presentation at Meeting focused on a National Information Database and Land Use Planning, presented by the Town and Country Planning (T&CP) Division of Trinidad and Tobago. Representatives from the T&CP shared information on Land Use Planning and Geographic Information System (GIS) initiatives towards a national Information Database. Embodied in the presentation were the major functions of the T&CP which was summarised as development planning and development control. It was noted that IWRM entails both of these areas.

The IWRM working group designated to the area of Wastewater Standards also presented on their future initiatives as the other working groups had done at the previous Stakeholder Meeting. The group explicitly stated their priority area of focus, which is Wastewater Re-use Standards.

The group's presenter, Mr. Roger Karim of the WASA explained that the working group plans to focus on water for industry with the aim of reducing the use of potable water for non-potable application while minimising negative environmental impacts. What this presents, Mr. Karim explained, is an opportunity to supplement water in the dry season.

Furthermore, he noted that water re-use options in the country can be applied to a variety of areas such as urban purposes; agriculture; recreational activities; environment; and industrial and commercial uses, once properly treated. He added that wastewater can be used in the same manner.

The working group will be examining various water re-use models used in countries such as Singapore, the United States of America and Belgium. He also pointed out that currently, there are

no local standards for wastewater re-use and therefore the United States Environmental Protection Agency (USEPA) guidelines are used.

The group outlined that the major hindrance in their aim to push wastewater re-use is the associated cultural stigma and cultural acceptability of wastewater re-use as there is always a perception that the treatment process would not be efficient. This, Mr. Karim stated would require effective public education and awareness and treating wastewater to required levels based on application of use, thereby reducing cost. Furthermore, potable water could be reserved for human consumption and treated water for other lower levels of consumption. The Wastewater working group therefore plans to work on developing standards for re-use.

The IWRM Stakeholder sub-groups will continue to work on their various initiatives for the year. GWP-C along with other stakeholders will convene again at the 11th IWRM Stakeholder Meeting scheduled for November 14th, 2012 where groups will continue to share information on major outcomes of their projects and continue efforts towards IWRM implementation.

New Partners

GWP-C Welcomes Two New Partners

During the period of June to August 2012, the Global Water Partnership-Caribbean (GWP-C) welcomed two new partner organisations. These organisations include:

1. **Savanta Inc.** - An international Environmental Consultancy based in Ontario, Canada which provides strategic environmental consulting services to private and public sector clients, industry associations, institutions; and environmental non-governmental organisations (ENGOS).

Some of the organisation's work and experience are embodied in the following areas:

- Environmental Planning
- Watershed, Basin and Regional Planning
- Integrated Coastal Zone Planning and Management
- Wetland Conservation and Creation (water quality enhancement and biodiversity purposes)
- Impact Assessment
- Ecological Restoration

Savanta Inc.'s technical work helps lay the groundwork for sound planning and balanced decision-making. The organisation is made up of a team of experts that have worked in more than thirty (30) countries across six (6) continents.

2. **Environmental Support Services, LLC** - A regional Environmental Consultancy based in St. Thomas, United States Virgin Islands. The firm provides a comprehensive range of planning and environmental consulting services throughout the Caribbean region.

Environmental Support Services utilises an experienced and interdisciplinary team specialising in environmental planning, environmental impact assessment, project management; and training. Some of the organisation's main activities over the last five years

range from programme assessment and design in institutional and national environmental management systems; specifically in the areas of biodiversity and environmental management frameworks.

GWP-C Establishes Rainwater Harvesting System in Agro-Forestry Community

Global Water Partnership-Caribbean (GWP-C) together with its partner the Water Resources Agency (WRA) have established a Rainwater Harvesting (RWH) system within the Fondes Amandes community in St. Ann's Trinidad.

The RWH system for the Fondes Amandes community is patterned against a system developed based on existing best practices and is promoted by the GWP-C. What's distinctive about the system is that it has a strong focus on water quality and sanitation as it includes a first-flush diverter. The first-flush diverter is part of the downpipe configured to remove the initial wash off the roof so it does not enter the water tank.

The Fondes Amandes Community Re-Forestation Project (FACRP), a partner organisation of the GWP-C located in the St. Ann's area is the chosen site for RWH system. The FACRP is a community based agro-forestry project which was started in 1982 by a group of farmers living in the Fondes Amandes Watershed who set out to halt the degradation of the watershed by practicing agro-forestry activities.



Cross-section of the guttering for the Rainwater Harvesting (RWH)

The building process to establish the RWH system got fully underway within the first half of the year, and some members of the Fondes Amandes community were included in the installation process. They were exposed to all the necessary material needed to build the system; how to determine a suitable location for installation; as well as how to install the tank and water level indicator; among other areas.



A worker is seen here connecting the pipes to the water tank of the RWH



The worker is seen here connecting a water level indicator to the RWH system.



A resident of the Fondes Amandes community and worker at the Fondes Amandes Community Re-forestation Project (FACRP) is seen here taking notes on

The installation of the Rainwater Harvesting (RWH) system at the FACRP is part of GWP-C's contribution to the project *Water for Life: The Trinidad and Tobago Initiative*. The project was launched in Trinidad in 2009 with the aim to deliver safe drinking water systems to school children and rural communities of Trinidad and Tobago. The overall project is funded by a three-year renewable grant for USD \$300,000 from the Royal Bank of Canada (RBC) Blue Water Project. Both GWP-C and the WRA are members of the Executive Steering Committee of the Water for Life Project.

Follow-up Actions:

- GWP-C will liaise with its partner the FACRP on a regular basis to assess how the RWH system is supporting their work and the surrounding community.

The RWH system established in the Fondes Amandes community is the first live model set-up by GWP-C which remains committed to supporting other communities in the region with technical support and guidance in establishing similar systems.

GWP-C Rewards Caribbean Journalists

In March, Global Water Partnership-Caribbean (GWP-C) launched its first ever *Media Awards on Water* to inspire Caribbean journalists to report more on water and to also commemorate World Water Day which is celebrated on March 22nd each year. The competition which ran from

March 5th to April 10th, 2012 saw the participation of journalists throughout the region who were required to submit original and published pieces in the areas of print, television, radio or multi-media on various water related topics.

GWP-C was pleased to announce that the winner of its first *Media Awards on Water* was an Editor and Videographer from Guyana, Mr. Shane Hubbard who submitted a television entry under the theme “Water and Food Security.” Additionally, two notable entries were deemed worthy of Honourable Mention. They included: a television entry from a Reporter and Producer from Jamaica, Mrs. Latoya Minott-Spence and a radio submission from an Advertising Manager from Barbados, Mrs. Veoma Ali.

GWP-C received invaluable support from two of its partners: the Guyana Water Incorporated (GWI) and the National Water Commission (NWC) of Jamaica in presenting the candidates from the respective countries with their award and prize. GWP-C was able to present the Honourable Mention Awardee from Barbados with their prize.

GWP-C’s partner, the Guyana Water Incorporated (GWI) hosted an Award ceremony to honour Mr. Shane Hubbard in Guyana on GWP-C’s behalf.



Mr. Emil McGarrell, Permanent Secretary in the Ministry of Housing and Water of Guyana gave the feature address at the ceremony.



Mr. Shane Hubbard (left) is presented with his winning award by the Chairman of the GWI, Mr. Ramesh Dookhoo (right) on July 13th 2012



Mr. Nigel Niles, Chief Executive Officer of the GWI provided background and history on the GWP-C and its partnership with

In Jamaica, the National Water Commission (NWC) supported GWP-C by presenting journalist, Latoya Minott-Spence with her Honourable Mention Award.



Mrs. Latoya Minott-Spence (left) is seen here receiving her Honourable Mention Award from GWP-C partner representative for the National Water Commission, Ms. Angela Munroe (right).

GWP Members Visit the GWP-C Secretariat in Trinidad

As the Caribbean Regional Water Partnership (CWP) of the Global Water Partnership (GWP) network, GWP-C receives precise instructions and guidance on its financial reporting to meet global standards.

Each year in compliance with the financial governance of the GWP, the Head of Finance and Administration at the global Secretariat in Stockholm, visits one of the 13 RWPs in the network to conduct an overview of its financial audit and accounting procedures for the year.



During the month of July, the GWP-C Secretariat welcomed a visit from Mrs. Catharina Sahlin-Tegnander, Head of Finance and Administration at the GWP Organisation. During her visit, she reviewed GWP-C's financial records for the year 2011 and the first two quarters of 2012. Mrs. Sahlin-Tegnander was pleased to report that the GWP-C accounts were in compliance with the global organisation's standards and there were no discrepancies in its financial books.

Catharina Sahlin-Tegnander
Head of Finance and Administration.

Within the same period, GWP-C was also visited by its Network Officer from the global Secretariat, Mr. Alex Simalabwi. The GWP Network Officer operates as the liaison between the GWP Secretariat in Stockholm and the RWP, to support the implementation of the global strategy at the regional and national level. Moreover, the Network Officer helps to support the needs of the regional arm. In addition to overseeing the GWP Caribbean region, Mr. Simalabwi is also responsible for the Eastern and Southern African regions of the network.



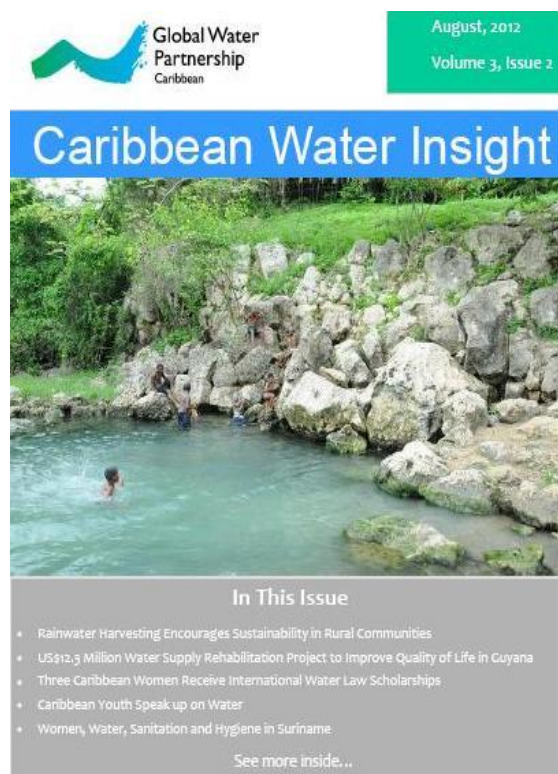
On his visit to Trinidad, he provided the GWP-C Secretariat with programmatic guidance for major upcoming regional activities set-out in the 2012 workpan of the GWP-C.

Alex Simalabwi

Senior Network Officer, GWPO

New Resources

GWP-C Releases New Issue of Caribbean Water Insight



Global Water Partnership-Caribbean (GWP-C) released the second issue of its quarterly newsletter, *Caribbean Water Insight (CWI)* during the month of August.

In the recent issue, GWP-C received a great amount of support from its partners in terms of photos and information for articles on a range of water related stories.

Some of the main themes in the latest CWI issue include:

- Innovative Agriculture
- Rainwater Harvesting in Rural Communities
- Regional Water Projects
- Caribbean Youth and Water

Download the newsletter at: www.gwp-

- (IWRM)
- The Global Water Partnership IWRM ToolBox
- Women, Water, Sanitation and Hygiene

Working toward a water secure Caribbean

Develop Soil and Water Management Policy

The Caribbean Agricultural Research and Development Institute (CARDI) and the Technical Centre for Agricultural and Rural Cooperation (CTA), recently collaborated on a series of consultations to contribute to the development of policy on soil and water management under changing climatic conditions. During June and July 2012, the consultations were held in St. Vincent and the Grenadines, St. Lucia, Antigua and Barbuda and Grenada.

The consultation in St. Vincent and the Grenadines took place on June 19th, 2012 with Agri-Business Consultant, Mr. Steve Maximay of Trinidad and Tobago as the main presenter. Mr. Maximay alluded to the fact that all Caribbean Community (CARICOM) territories are grappling with the increasing unpredictability of rainfall and this variability will impact on the Caribbean region's vulnerability.

He pointed out that the region needs to have policies targeting on-farm water and soil conservation which utilises indigenous materials and knowledge; and water harvesting techniques. Mr. Maximay further explained that engaging the media is also very important as well as the development of a strong public awareness campaign that primarily targets youth. These areas were all seen as critical interventions the region should pursue as it seeks to adapt.

From all climate models the Caribbean is predicted to experience prolonged droughts in the future. Presenting at the consultation in St. Lucia on June 20th, 2012 was Professor Nazeer Ahmad, a Guyanese born Soil Scientist that has been lauded for his significant contributions to research in soil and land use problems in the region. In his presentation and discussions in St. Lucia he explained that the situation is not all grim; noting that a shortfall of 75% in rainfall is still adequate to support a vibrant agriculture sector in the region.

Professor Ahmad indicated that regional policies should focus on water harvesting, irrigation, water quality, agronomic (*application of soil and plant sciences to soil management and crop production*) considerations in soil and water conservation, soil and water management systems, crop selection; and other agricultural options such as protected agriculture.

In Antigua on July 10th, 2012, Dr. Michael Taylor, Director of the Climate Studies Group at The University of the West Indies (UWI) Mona Campus stated that the region must pay serious attention to climate change. Dr. Taylor who served as the main presenter at the consultation in Antigua explained that as it relates to climate change, the region's context commands it, its science suggests it and the region's future depends on it.

He further explained that climate change cuts across all sectors and therefore all sectors must respond; the responses however must be aligned with sustainable development goals. According to Dr. Taylor "The region needs to adapt and the adaptation options must be grounded in evidence based research." More importantly, he added that the adaptation strategies must be integrated into national policies.

Mr. Adrian Trotman, Agrometeorologist and Chief of Applied Meteorology and Climatology at the Caribbean Institute for Meteorology and Hydrology (CIMH) presented at the public consultation in Grenada on July 10th, 2012. Mr. Trotman explained that many people confuse the distinction between climate and weather. Weather he explained is the day to day or year to year variation in conditions. On the other hand, climate is what is experienced long-term and is described by 30 to 40 year averages. Thus the rainy conditions in the dry season of 2011 and 2012 are due to variation in weather and not long-term climate change.

As it relates to climate, the Caribbean climate has already warmed up by 0.5°C over the last 30-40 years and it is predicted to rise by at least another 2°C by 2100. Mr. Trotman explained that to this day there has been little discernible change in rainfall, but all models suggest a drier Caribbean by the end of the century. He noted that this could be dreadful for agriculture if mitigating measures are not taken. Also, crops such as tomato may not flower in higher temperatures and the region's comparative advantage in tropical crop production will move to temperate regions.

The consultations were fruitful and enabled a wide range of views to be collected which will be considered in developing a policy to address soil and water management under changing climatic conditions. Additionally, the outcomes of the consultations will support the CARDI and CTA production of policy briefs on:

- Enhancing Water Resource Management

- Climate Change and Water Availability
- Saving Soil Water

Available Resources from Consultations:

- A paper on “*Soil Water Management Systems for a Drier Caribbean*” by Professor Ahmad can be accessed at: <http://www.cardi.org/commodities-themes/climate-change-for-development/>.

Upcoming Events

Water Use Efficiency Training Workshop in Barbados

Global Water Partnership-Caribbean (GWP-C) in collaboration with its partner the Caribbean Agricultural Research and Development Institute (CARDI) will engage technicians and practitioners in the Agriculture Sector from Barbados in a training workshop on Water Use Efficiency (WUE). The workshop will take place from September 5th - 7th, 2012 at the Blue Horizon Hotel in Christ Church, Barbados.

8th Annual High Level Session Ministerial Forum

Global Water Partnership-Caribbean (GWP-C) will host its 8th High Level Session (HLS) for Caribbean Ministers with responsibility for Water in The Bahamas on October 4th and 5th, 2012. This year, the Ministerial Forum will closely examine the link between “Water and Energy” and its impact on water resources management in the Caribbean.

The 8th HLS takes place within the Caribbean Water and Wastewater Association’s (CWWA’s) 21st Annual Conference and Exhibition whose overall theme is “*Water and Waste Management in the Caribbean: Real Strategies and Solutions.*” The Conference runs from October 1st - 5th, 2012.

CENTRAL AMERICA

Supporting the development of a Water Regulatory Framework in Guatemala

GWP Guatemala met in late February to create a commission to support the Water Cabinet of Guatemala in the design of a strategy and plan for the Water Regulatory Framework of the country. Several GWP Guatemala partners will be participating in the commission. Fabiola Tabora, GWP Central America’s Coordinator participated in the meeting and will be supporting the process.



New Steering Committee elected in Guatemala



GWP Guatemala held their General Assembly on the 21st of June, where the activity and financial reports were presented and a new Steering Committee was elected. The new Committee reflects the varied membership that composes the National Water partnership; including partners from the government, the academic sector, civil society, and a local basin committee. The group will be presided by the re-elected Chair, Jeanette de Noack, from ADA2.

Water and Sanitation Workshop in Guatemala

GWP Guatemala participated in a workshop to assess the country's progress in meeting the Millennium Development Goals (MDGs) set for 2015 in the sector of water and sanitation. The event was held on the 23 of June with the participation of representatives of cooperation agencies, government and civil society, among others.



Sustainable Development and IWRM Plan presented to university students in Panama

At the request of Hydraulic and Hydrotechnical Research Center (CIHH) of the Technological University of Panama (UTP), the Sustainable Development and IWRM Plan for the Panama Canal basin was presented to a group of students from the Faculty of Engineering.

In addition to sharing the background and consultation process for the Plan, as well as the lines of action and work areas, results on the progress of its implementation from 2008-2010 were presented. The UTP has since suggested developing joint actions to contribute in the implementation of the Plan.

Basin Management Regulation in the hands of the National Water Authority of Nicaragua

GWP Central America, together with GWP Nicaragua supported the National Water Authority (ANA) in developing a proposal for a guide for the development of Basin Management Plans, earlier this year. The guide was reviewed by a technical team that was composed of four of the water networks in the country, including GWP. GWP Nicaragua, through the country Chair, Humboldt Center, coordinated the revision meetings and a final version of the Regulation was delivered to the ANA in the month of June. There is an optimistic outlook to the application of this Regulation, because the water sector of the country has been fully involved in its development and will be the ones using it.

Analysis of the preliminary draft of the Water Law in El Salvador

In July 2012, the Water Bureau of El Salvador, prepared a document analyzing the draft Water Law, which was presented to members of the Legislative Assembly in order to improve the draft and in preparation for its subsequent approval.

The aim of the Water Bureau is to support the National Water Reform which is underway in El Salvador and is meant as a meeting ground for research centers, NGOs, universities, cooperation agencies, watershed organizations, private companies and government institutions. The Platform is coordinated by GWP El Salvador and two other organizations (FUSADES and FUNDE)

Forum on “Basin 69” in Nicaragua



“Basin 69” includes the two biggest lakes in Central America, Lake Cocibolca and Managua, as well as the San Juan River. The water in this basin is essential to the supply of the population and well as for crops and the preservation of the ecosystems of the basin.

Because of its importance, a forum was organized to determine concrete initiatives and proposals to analyze the impacts of mega projects on the basin, as well as identify actions for the adaptation and mitigation of

the most vulnerable population of the area.

The forum was entitled, “Basin of the Great Lakes and San Juan River: The Backbone of Nicaragua’s Development “, and was held on the 27th of July in Managua with the participation of experts, academia, civil society and government. Some of the issues covered were the National Development Plan, the impact of climate change, IWRM, food security and the "Brito" hydroelectric project.

Regional Steering Committee meets in Costa Rica (August 7-8)

In this second meeting of the year, the Steering Committee met in San José, to make the final preparations for the General Assembly, as well as the meeting with Mohamed Ait Kadi. The Committee also discussed priority issues for the coming months and year,



such as opportunities after Rio+20, lessons learned from past regional conference with legislators, regional advocacy and action in climate change, 2013 work plan and coordination with “Alianza por el Agua”. [MORE PHOTOS](#)

The Steering Committee also had the opportunity to meet with Mohamed Ait Kadi, the Technical Committee Chair to talk about the development of future documents and to discuss how the regions could coordinate with the TEC in order to contribute to the intellectual development processes that is promoted in the network.

Regional General Assembly in Costa Rica



This year the regional partners meeting took place in San José, Costa Rica from August 8-10. Partners from Belize, Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica and Panama, participated in the meeting which included the presentation of the regional activities and financial reports. The second half of the meeting included a World Café type workshop in which the participants were able to express their ideas regarding the future direction of GWP.

[MORE PHOTOS](#)

The next day the participants were able to attend the **Regional Forum on Water and Food Security**, which included regional and national experts. The keynote speech was given by Mohamed Ait Kadi, the Chair of the GWP Technical Committee. This activity was organized with the Central American Agricultural Council (CAC) and participants included the GWP partners present for the General Assembly as well as other participants from the different sectors from Costa Rica – more than 150 people were present. [MORE PHOTOS](#)



The issue of water and food security was approached from the national, regional and international levels, and broad topics such as regional policies and the impact of climate change in the region was discussed. The program also included a discussion panel on the challenges and opportunities for efficient and sustainable use of water in food production with regard to climate change adaptation.

On the last day of the regional partners meeting, the participants visited an integrated farm in the mountains of Cartago, as well as a recycling project in one of the nearby municipalities. [PHOTOS](#)

National Water Dialogues in Costa Rica (August 8th)

GWP Costa Rica organized, together with other organizations, a series of dialogues to commemorate the Water Law which was approved 70 years ago – this was a parallel activity to the Regional General Assembly of GWP Central America. The sessions were organized in four dialogues on the following

topics: the status of water and sanitation in the country, the national water footprint, energy security and water, and water governance in Costa Rica.

Workshop with climate change negotiators



This meeting was held mid August in Managua, Nicaragua, with the participation of the water directors, the climate change directors and representatives of the Meteorological Services of the 7 countries of the region and Dominican Republic. The objective of the meeting was to promote the coordination of national adaptation agendas on water and climate change. The event was organized by Central American Commission on Environment and Development (CCAD), with the support of DHI-PNUMA, GWP and IUCN.

This meeting is part of the process initiated to establish the basis for the water and climate program that is going to be implemented by GWP Central America and funded by DFID.

Central American participation in GWP's annual Consulting Partners Meeting

This year, the Central American region participated in the annual GWP CP meeting in Stockholm with Nabil Kawas, Director of the Earth Institute of the National University of Honduras and Andrea Suarez from the Water Resources Center for Central America and the Caribbean of the National University of Costa Rica, as well as Tomas Fernandez, regional Chair. Joining them was Fabiola Tabora, regional Coordinator and Margarita Figueroa, regional Communications Officer. Central America contributed to the discussions on climate change by sharing the advances in the region in the topic – the region has the foundation set for a program of water and climate change. [MORE PHOTOS](#)



Project for Improvement of Water Availability in Costa Rica



GWP Costa Rica met on the 31st of August, to discuss their participation in a pilot project on the improvement of the availability of water in Costa Rica. This initiative is financed by the International Atomic Energy Agency (IAEA) and Costa Rica is one of three countries who have been chosen, the other two being Oman and the Philippines. The objective of the project is to build capacity at the national level in the compilation, management and interpretation of data on water resources and in the use of advanced techniques to improve resource management. This will allow identifying

the gaps in knowledge, especially information regarding underground water. GWP Costa Rica was able to share with IAEA, the causes and actions needed to improve water management in their country.

IWRM workshop planned for municipality associations

The GWP Guatemala supported a workshop on integrated basin management (legal framework), the right to water and municipal water planning, for three municipality associations in the country (Manzoloaya, Mancatitlán y Manclalaguna).

The event was carried out successfully on the 16th and 17th of August with the participation of members of all the municipalities of the associations. This event was organized with three other national networks.



GWP Honduras: Advances in their work plan



GWP Honduras has been meeting regularly these past few months to follow up on their work plan.

In June the Steering Committee met to discuss a proposal from the National Water and Sewer Services for an outreach project regarding the water and sanitation in the country.

In July the General Assembly was held at the National University, where the participants continued to work on the revision of their Internal Regulations and prepared inputs to share in the Regional General Assembly. During this meeting, Maria Jesus Cajal from the "Alianza por el Agua" presented the activities planned for the region. GWP Honduras will also be promoting a workshop on IWRM organized by the "Alianza de Capacitadores" in coordination with GWP Central America.

Three new partners in the region

GWP Central America has welcomed three new partners in the region, two from Guatemala and one from Panamá, they are:

- [Association of Municipalities of the Naranjo River basin](#): the MANCUERNA contributes to the improvement of the living conditions of the population of the area through the implementation of IWRM and the local economic development.
- *Association of Municipalities of "La Laguna"*: this association is working for the sustainable development of the municipalities and the Lake Atitlan basin.
- [Chagres National Park Foundation \(FPNCh\)](#): the Foundation contributes to the conservation of the natural and cultural resources of Panama's Chagres National Park and its buffer zone, in accordance with the management plan.

CENTRAL AND EASTERN EUROPE

Two case studies on GWP ToolBox

Lessons from trans-boundary management of the Dniester River

A new case study on GWP ToolBox analyses trans-boundary management of the Dniester River basin. The case study recommends improving institutional capacities of national institutions dealing with the water management through regional and international cooperation, attraction of best practices in different sectors of economy to the region, expert and information exchanges.

<http://www.gwp.org/en/GWP-CEE/gwp-cee-in-action/news-and-activities/Lessons-from-transboundary-management-of-the-Dniester-River/>

Transboundary groundwater management plans

New case study presents experiences from drafting groundwater management plan on trans-boundary river basin level in Hungary and Slovakia.

<http://www.gwp.org/en/GWP-CEE/gwp-cee-in-action/news-and-activities/Transboundary-groundwater-management-plans/>

Our response to drought

In an effort to address challenges of climate change and water scarcity, GWP Central and Eastern Europe “Integrated Drought Management Programme Inception Report” was edited during July – August.

<http://www.gwp.org/GWP-CEE/gwp-cee-in-action/news-and-activities/GWP-CEE-develops-response-to-drought/>

Danube Art Master 2012

Regional Secretariat coordinated prizes for 10 best artworks in 14 countries comprising water powered clock. This year, 525 schools submitted 707 artworks created by 1475 children, excluding Germany and Montenegro). Public Participation Expert Group of the International Commission for the Protection of the Danube River will select the international winner in September.

[Danube Art Master 2012 Flickr photostream](#)

[Danube Art Master Facebook](#)

During summer, national experts contributed to regional initiatives - Integrated Drought management Programme Inception Report and Sustainable Sanitation Guideline.

Members of Estonian Water Association, **GWP Estonia** host institute, gave 4 presentations on the occasion of the Water Day in the city of Pärnu located in the South Western Estonia on 8 June.

GWP Estonia (Estonian Water Association) organized water management seminar together with Tallinn Water and Wastewater Works on 15 June in Tallinn. The seminar was devoted to two topics - water abstraction and runoff regulation on the catchment area (1,825 km²) during different socio-economical and natural conditions, and domestic, industrial and stormwater purification and reconstruction of separate wastewater systems.

Estonian Water Association organized seminar “Water Management of Small Rural Municipalities” on 16 June in Tallinn. Participants discussed main issues, include financial, together with representatives of Matsalu River Basin Waterworks.

Estonian Water Association members presented local water resources challenges during a project seminar “Towards Joint Management of the Transboundary Gauja/Koiva River Basin District” (Project No. EU 38839) in XY on 15-16 June and participated in the follow up restoration action around the Vaidava River.

In June Swedish Institute approved project proposal “Building a framework for collective action in the management of the transboundary waters in Kaliningrad, Russia, Lithuania, and Poland (Baltic Sea Region)” prepared and submitted by Stockholm International Water Institute (SIWI), **GWP Lithuania** and **GWP Poland**.

The overall objective of this three year long project is to build an informal and professional partnership to facilitate official dialogue, cooperation and investment on the shared river basin systems between Russian Federation Kaliningrad Oblast, Poland, Lithuania and the broader Baltic Sea Community of actors in accordance with European Union and Russian regulations and relevant economic strategies with the aim of achieving green and smart growth. Cooperating partners of the project are:

1. Stockholm International Water Institute, Sweden – project leader
2. Swedish Agency for Marine and Water Management, Sweden
3. Northern Dimension Foundation, Kaliningrad Oblast, Russia
4. Institute of Economy of the Russian Academy of Sciences, Moscow, Russia
5. Global Water Partnerships of Poland and Lithuania

Ministry of Rural Development, **GWP Hungary** and the Hungarian Hydrological Society organized a workshop on the occasion of The World Day to Combat Desertification (17 June) on 25 June in Budapest. Goal of the event was to consult with water professionals about the ongoing preparation of the national drought strategy in the light of the European Union Blueprint’s drought component. Jozsef Gayer of **GWP Hungary** delivered the latter presentation.

Award ceremony for national winners of Danube Art Master (organized by GWP Hungary) competition took place on 29 June during Danube Day celebration, organized by Ministry of Rural Development.

Jozsef Gayer, **GWP Hungary** Chair, delivered two presentations - Preparation of the National Drought Strategy and International and Hungarian tendencies of Urban Drainage at the 30th Roving Conference of the Hungarian Hydrological Society on 4-5 July.

Jozsef Gayer was interviewed about global water issues in the Radio M1 Kossuth (first national channel) in the program “Közletről” (on close inspection) on 12 July. GWP as a promoter of IWRM was also introduced to the audience.

[origo] the second most popular newsportal in Hungary published two articles based on information received from **GWP Hungary**. The first on 20 July about greywater reuse and water saving techniques <http://www.origo.hu/idojaras/20120720-a-szurkeviz-aranyat-er-havonta-legalabb-4000ret-sporolhat-ha-okosabban.html> while the second on 10 August about false ideas on water, see: <http://www.origo.hu/idojaras/20120809-nem-viznagyhatalom-magyarorszag-negy-tevhit-az-ivovizrol-esoviz-aradas-szarazsag.html>. GWP Hungary was duly referred to.

GWP Hungary contributed to the compilation of the national report about the implementation of the UN Convention to Combat Desertification prepared by National Institute of Environment (NeKI).

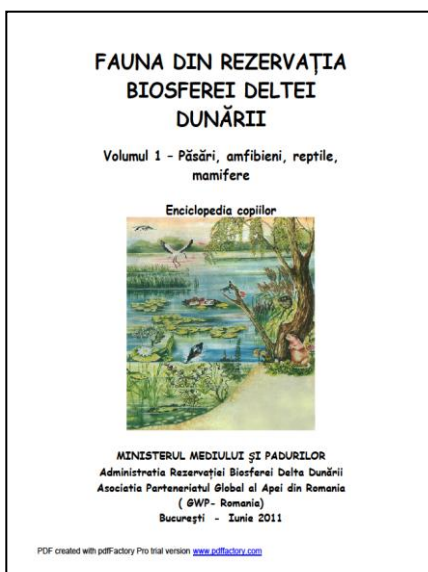
Ms. Edit Nagy of MaVíz (GWP Hungary's Partner) as member of SIWA jury attended the Stockholm World Water Week, as well as GWP's Consulting Partners meeting.

GWP Bulgaria co-organised national celebration of the Danube Day on 29 June in Technical House in Sofia. Experts from partner's organizations presented ongoing projects related to the Danube River as well as the different methods and equipments for mapping of flood prone areas by small aircraft. Mapping of flood prone areas is one of main task in near future for four River Basin Directorates. GWP Partners possess the necessary knowledge and can assist the River Basin Directorates.

GWP Romania actively participated in celebrations of the World Water Day "Green Economy: Does it include you" in "Dimitrie Brandza" Botanic Garden of Bucharest University in Bucharest on 5 June. Main organizers were Ministry of Environment & Forest, Bucharest Municipal General Council and National Coordinator of EU Danube Strategy for Danube Region in frame of the Black Sea-Danube Regional Network for Social & Economic Innovation coordinated by EUROLINK-House of Europe Foundation. In addition, Green Incubator 2012" -Interactive Forum took place in parallel to promote cultural-educational- exchange, and networking. As one of main partners of House of Europe, GWP Romania presented long lasting historical relations between the Danube River Basin countries, since the 1980's, resulted in the "Bucharest Declaration" in 1985, and set up of the International Commission for Danube River Protection (ICPDR) in 1994.

GWP Romania participated in various session at EXPO-APA organized by Romanian Water Association on 11-13 June in Palace of Parliament in Bucharest. A number of scientific sessions took part in three conferences halls. During Danube Region Strategy, Liviu Nicolae Popescu of GWP Romania proposed that projects funded under Danube Strategy should include principles of integrated water resources management. International Center for Advanced Studies invited GWP Romania to its Scientific Council. ToolBox was mentioned as a resource that can be used to share experiences from implementing of projects within the Danube Strategy.

GWP Romania in close cooperation with one of the Consulting Partners "Administration of Danube Delta Reserved and Protected Area" published the second volume of educational series for students "Flora and Fauna from Biosphere Protected Area Danube Delta".



Both organizations launched the book during the Danube Day celebration in Galati Town on 29 June. It was distributed to children, professors, local administration, Prut River Basin Administration and other participants of the Danube Art Master award ceremony that took place in frame of Danube

Day. In addition, GWP Romania will use the books during events usually organized in the beginning of school year and distribute them to a number of schools in Ploiesti and Bucharest. Publications will be available in PDF format on the GWP Romania and its partners - Ministry of Environment and Forests, Administration of Danube Delta Reserved and Protected Area and ANAR website.

GWP Romania hosted a visiting study tour of student Elaine Colligan from US [Georgetown University](#) School of Foreign Service on 15 June. Purpose of the visit was interdisciplinary research on hydrology, transboundary water issues and human/environmental rights of people living in rural areas. Liviu Popescu, President of GWP Romania organized visits to other institutions, Head of Office of “Apele Romane” National Water Authority, Ploiesti Office, Oradea Town in Crisuri River Basin and finally Galati and Danube Delta, guided by Prof. Moisi Petruta Director of Eco Counselling Centre Galati.

At the request of ANAR National Water Administration and other Partners, GWP Romania distributed GWP publications on 26 June at ANAR Ploiesti Directorate, Bucharest University, and Hydrotechnical and Water Management Faculties of other universities across Romania. Future plans for publishing national versions of GWP books and possible common publications have been discussed with these stakeholders.

GWP Romania participated in second edition of DANUBE & DELTA International Exhibition organized in the Rom-Expo Exhibition Complex in Bucharest dedicated to the “Urban Development in the Danube Macro-Region” with a thematic subject: “Smart Cities, Smart Regions” on 28-30 June. Romanian Ministry of Foreign Affairs and Romanian Chamber of Commerce and Industry organized this event. The main theme of DANUBE & DELTA 2012 events represents a significant priority area from the Danube Strategy on urban and regional development. GWP Romania highlighted water and environment protection among sustainable development, public information and participation in decision making process. Ministry of Foreign Affairs granted GWP Romania observer status in public consultation fora.

Eco Counselling Centre Galati and **GWP Romania** organized celebration of the Danube Day “Get active for the Rivers” in Galati Town on 29 June. Other involved organizations were Regional Agency for Environment Protection Galati, Art Museum of Galati Town, Water Management System (SGA) Galati, Prut- Barlad Basin Directorate Iasi, and a number of schools that also have participated in the Danube Art Master contest coordinated at national level. GWP Romania received a diploma for its ongoing support of the Danube Day.

Prof. Petruta Moisi, Director of Eco Counselling Centre Galati and GWP Romania Chair, Liviu Nicolae Popescu presented history of transboundary cooperation and Danube Day in Antenna 1 Romanian TV Channel on 29 June.

GWP Romania participated in “COP 11- of RAMSAR Convention” - 11th Meeting of the Conference of the Parties to the Convention on Wetlands entitled “Wetlands: Home and Destination” on 5-10 July in the Parliament Palace in Bucharest. Prof Michael Scoullos, Chair of Global Water Partnership (GWP) Mediterranean delivered a special presentation on “Water security and the importance of wetlands as natural infrastructure in water resource management”. NGOs were credited for their contribution to RAMSAR Convention implementation. COP11 offers the opportunity to deal with the challenges of protecting wetland ecosystems around the world and to set the Ramsar Convention strategy for the next 40 years. Another speaker observed that in a global world it was counterproductive to overlook the interdependence of development, tourism and biodiversity. Efforts were required to reduce the effects of climate change and to secure the livelihoods of local communities. An important aim of the national strategies was the environmental protection, including the prevention of pollution for example by shipping, on the Danube River and other waterways. There was a need to balance the growth of strong economies with the protection of the

natural environment that not only supplies food, water and economic opportunities, but also engenders pride and wonder.

Representative of **GWP Romania** Partner organization participated in ToolBox workshop on 25 August in Stockholm and GWP Consulting Partners meeting on 26 August.

GWP Romania will publish PDF versions of GWP publications translated into Romanian “Handbook for Integrated Water Resources Management in Basins”, “Social Equity and Integrated Water Resources Management” and Financing for Water and Sanitation –a Primer for Practitioners and Students in Developing Countries”. In addition, they will be distributed at universities, Gas and Petroleum University and particularly among 11 regional Water Authority Directorates. Two documents are in the pipeline - proofreading of Romanian version of “Handbook for Integrated Water Resources Management in Transboundary Basins of Rivers Lakes and Aquifers” and translation of the TEC Background Paper 16. Demand for these translations is coming from GWP Partners, out of which many do not speak English.

GWP Slovenija prepared the revised publication “New approach to the evaluation of water status”, which will be distributed to participants of the final ceremony of competitions Danube Art Master and Water Detective. GWP Slovenija organised the ceremony which will be held in Botanical Garden in Ljubljana on 14 September.

GWP Ukraine together with UNDP-GEF Dnipro Basin Environment Programme and Dniپر Basin Department of the State Agency on Water Resources of Ukraine supported the 4th Dnieper Forum of NGOs and stakeholders. The Forum was dedicated to annual Dnieper Day celebrations and the 20th anniversary of UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes adoption. It took place on 6-7 July 2012 in Kyiv, Ukraine. NGO “MAMA-86”, GWP Ukraine Partner and UNDP-GEF Dnipro Basin Environment Programme organized the Forum. The Forum was a success since 88 representatives of NGOs, authorities, science and water sector from 19 cities of Belarus, Russia and Ukraine were able to meet and to discuss Dnieper River problems and ways to solve them for the first time after 8 years when Dnieper NGOs’ Forum has not been operational. The Forum participants discussed the Draft Tripartite Agreement on Cooperation in the Use and Protection of Dnieper River, developed by experts of the UNDP-GEF Dnipro Basin Environment Programme. Forum participants recommend preparing a Convention on the Protection and Efficient Water Use of the Dnieper River. All recommendations were reflected in the Forum Resolution on environmental protection and efficient Dnieper River Basin management and Ukrainian NGOs’ appeal to the national authorities on Dnieper environmental protection. <http://www.mama-86.org.ua/index.php/uk/watersan/watersan-news/375-obshchestvennost-trebuje-reshit-ecologicheskie-problemy-dnepra.html>

On 7 July 2012 the training on public participation in implementation of Water Convention and its Protocol on Water and Health was held in the framework of the Dnieper Forum with a support of GWP Ukraine. Anna Tsvietkova, Chair of GWP Ukraine was fully involved in the training preparation and chaired its work. She contributed into the training agenda by presenting the experience of public participation on Protocol implementation in Ukraine. 70 participants of the training from Ukraine, Russia, Belarus and Moldova got familiar about various issues such as good practices of public participation in Dnieper, Dniester, Neman River basins management and transboundary cooperation especially in environmental and water resources protection, improving access to safe water and adaptation to climate change issues.

Country Water Partnership - Armenia

1. IWRM Water Policy & Strategy development facilitated at relevant levels

Activities of past six months on regional and national level, when appropriate:

A series of measures dedicated to World Water Day

Country Water Partnership Armenia together with its partner organizations- SPRING GROUP Strategic PR Initiative Group, DEMO Production, Coca Cola Hellenic Company, has implemented numerous activities in order to celebrate the World Water Day and raise public awareness on it.

The series of events was commenced by the press conference held on 6th of March, where a series of events on “Let’s care – World Water Day 2012- Armenia” project and the current situation with water safety and related issues in Armenia were presented. More than 15 correspondents were present to the press conference, who latter have illustrated the project with various media keys (TV, radio, newsletters.)

TV and on-line interview series have been held with the invited specialists, which aimed to present the activities and projects of the program to the wide auditorium, also to inform about the aims and the issues of the World Water Day.

A series of photo sessions with public figures and representatives of show business were implemented aiming to inform the wide community and the youth the current situation with water resources and related issues in Armenia, as well as highlight the main issues on water.

An open Photo Contest was announced to present the social, environmental, esthetic and other kind of issues connected to the water resources from the view point of the public.

The winner of the Photo Contest was awarded with a prize.

Professional discussions were held, where experts discussed the main issues of the water sector and the further steps to address them.

It is designed to publish thematic articles, based on the results of studies and viewpoints of the conference participants.

*The program was accomplished on **22nd of March** with a Conference held in “Armenia Marriott” hotel. Representatives of Ministry of Nature Protection RA, Ministry for Territorial Governance of RA, Ministries of Agriculture and Health Protection, private sector, international organizations and also mass media were present to the conference. The speakers of the Conference went into the issues of water resources contamination (both household and industrial, specially mining waste water), which are crucial for Armenia and need both political, and legislative and institutional solutions.*

The Climate Change Challenges connected with protection of water resources, also the developed action plan for adaptation were also presented at the Conference.

Outcomes and the past activities that influenced them

Summarizing the speeches and discussions of the Conference, the participants highlighted following issues:

There are no standards for irrigation water quality in Armenia, so it is impossible to irrigate with waste water jeopardizing the safety of agricultural products, in some cases also dairy products and meat products.

The standards for waste water treatment are rather strict and huge investments are needed to fulfil them, which is not achievable for the country and the local market.

As a result, the waste waters flow into the surface and underground water basins without treatment.

The waste water is not considered as water resource and there are no encouraging mechanisms for waste water treatment institutions.

The government does not have any clear policy and strategy for waste water treatment and to review the treated water as an additional water resource for reuse.

Considering the issues, there is a need to develop:

a clear policy and a new strategy for industrial and house hold waste water treatment and treated water reuse – to develop new and modern methods for waste water treatment in Armenia,

to develop irrigation water standards, in accordance with European standards and regulations,

to review the existing standards for waste water treatment and develop a step by step strategy for waste water treatment – allowing the local market institutions achieve the final phase of waste water treatment in a corresponding period.

To develop encouraging mechanisms for local market – to foster the waste water treatment process,

To implement a corresponding legislative and normative changes into the existing laws and orders.

The participants of the Conference have come to a conclusion, that water resources protection and careful attitude to the water resources will allow our country to resist both the Climate Change and meet the existing food safety challenges.

To organize and successfully implement this series of events the CWP initiated activity with all of the ministries (RA Ministries of Territorial Governance, Nature Protection, Health, Emergency Situations, etc.), public, private and non-governmental organizations, whose functions are related to water and food security. The representatives of these institutions had an active participation in all of our events and represented the existing problems, which were summed up in the resolution adopted by the Conference.

2. IWRM Programs & Tools developed in response to regional and country needs

Activities of past six months

Country Water Partnership Armenia organized two-day training course in Armenia on 25-26th of April, dedicated to the integrated water resources management "Tool box" developed by the GWP.

The training course was implemented by Danka Thalmeinerova, Knowledge Management Officer of GWP Secretariat.

The training course was organized for university lecturers; among the participants there were lecturers and graduate students from Geographical, Chemical, Biological and Legal Departments of Yerevan State University, Armenian State Agrarian University, as well as representatives from the Ministries of Agriculture and Territorial Governance and private companies in water sector.

Upon completion of the courses, all participants received certificates.

Outcomes and the past activities that influenced them

At the end of the training, all participants were requested to provide a feedback, in order to learn lessons and applicability in other countries (regions). All participants agreed that this training course is highly applicable in their work and they appreciated acquired information and knowledge. Also, all participants strongly recommend this training course to others. The training course comprised lectures (presentations and case

studies), group work, and brain storming sessions, exercises and discussion. Although the course intended to promote the GWP ToolBox (its functionality, potential and applicability in education programs), it was found that IWRM knowledge and application of IWRM principles brought a rich discussion on several aspects of water management in Armenia.

The following are the recommendations of the participants:

In order to avoid general “theory” on IWRM, it is recommended to bring concrete examples from the local country. Also, local specialists that would act as facilitators in the discussion would be an asset.

The training was attended mainly by teachers from universities that do not have always the full knowledge on the details of institutional and legal arrangements. However, many tools consider a familiarity in governance issues. It is recommended that training on IWRM tools is a part of a broad capacity building scheme.

The training emphasized on IWRM planning, but not a concrete example of IWRM plan. It is recommended to present one (several) basin management models and discuss how these could be can be adopted locally.

It is strongly recommended to hold such seminars more often and present the literature and the translations in local language.

The CWP held negotiations with Armenia's higher education institutions' heads, which in their curricula already had water resources management courses, or wish to have a similar course. The planned educational course topics were reepeated, agreed with them and the participants' quality indicators were determined. As a result, it was decided that the course will be attended by representatives of the lecturers and post graduate students of the universities.

3. Linkages between GWP and other frameworks, sectors & issued ensured

Activities of past six months

Country Water Partnership NGO has held an ecological event dedicated to Kura- Araks rivers protection day June the 2nd, Town Ararat, RA.

Sanitary cleaning activities and irrigation water monitoring activities were implemented in the scope of the event held in Ararat town.

The event was organized by CWP NGO in collaboration with Ararat town municipality and Ararat Ecological Information Aarhus Center.

The students of Ararat town N2 school and “Youth Creative Center”, teachers, Ararat communal service staff took part in the event.

The municipality head of Ararat town Mr. A. Babayan also fostered the implementation of works, he greeted the event and supplied with garbage truck and corresponding staff.

The aim of the event was to introduce the implementing activities devoted to the Kura-Araks rivers protection and making them immediate participant of the event.

Waste disposal activities have been implemented in some parts of Ararat- Vedi highway, also the simplest water monitoring device was introduced to the participants, and with the help of which an irrigation water monitoring was implemented.

After the completion of the event the local Aarhus centre was presented the water monitoring device, in order that they could monitor water of their own in the future. CWP NGO in collaboration with Goris Ecological Information Aarhus Center organized two-day training courses on water monitoring, in which representatives of environmental NGOs of town Goris, staff of the municipality's corresponding departments took part. The training course was held by the invited specialist who

represented the goals, methods of water monitoring, possibilities to use the data base, the ways to get information from the "Environmental Effect Monitoring Center" web site of the RA Ministry of Nature protection www.armmonitoring.am. Jointly with the training course participants monitoring of Goris river water was implemented. The monitoring data have been sent to USAID Armenia office and have been placed at www.worldwatermonitoringday.org web site.

Goris Aarhus centre was presented the water monitoring device, in order that they could monitor water of their own in the future.

CWP Armenia is translating GWP TEC BACKGROUND PAPERS NO. 16 - Integrated Urban Water Management.

- *CWP Armenia is a member of:*
- *Environmental Council of Armenia Sustainable Development Project Social Partnership and has been elected as coordinator of the environmental discipline group.*
- *Eastern Partnership Civil Society National Platform*
- *CWP Armenia cooperates with IWA World Water Monitoring Day project.*
- *CWP Armenia is completing the "Rehabilitation of agricultural lands through application of biological ponds for domestic wastewater treatment in Parakar community of Armavir region" project within the framework of GEF small grant program.*

Outcomes and the past activities that influenced them

During this period, the CWP has been actively cooperating with the Environmental Information Aarhus centers in 15 marzes of Armenia, trying to involve them in the IWRM supporting process.

The CWP is looking to cooperate with different organizations, for spreading the IWRM ideas.

CWP Armenia is completing the project for construction of household wastewater treatment plant in Parakar community of Armavir region. The Biological lagoons are already operating and works are carried out in the direction of adjustment of the technological structures.

Arevik Hovsepyan, the CWP Armenia President is the coordinator of the Environmental Council of Armenia Sustainable Development Project Social Partnership.

CWP Armenia a representative of the environmental field of the Eastern Partnership Civil Society National Platform.

4. GWP Partnership established & consolidated at relevant level

Activities of past six months

Country Water Partnership Armenia organized a meeting of partners on April 23 dedicated to the 10th anniversary of the Regional Global Water Partnership of Central Asia and Caucasus (CACENA).

The President of the organization presented the activities of CACENA during the past 10 years, new approaches and plans for the new strategic period (2009, 2013).

Danka Thalmeinerova, Knowledge Management Officer of GWP Secretariat attended the meeting. She represented the purpose and activities of the GWP in different regions and countries.

During the meeting also the ways of enhancing co-operation between the CWP partners were discussed.

Outcomes and the past activities that influenced them

It was strengthened interrelations between partners of CWP Armenia and other countries CWPs in CACENA region.

5. GWP Network effectively developed & managed

Activities of past six months

Country Water Partnership in Armenia disseminates information about its activity through www.cwp.am web site.

Outcomes and the past activities that influenced them

CWP-Armenia carries out wide information activity on GWP in all the regions of Armenia.

SOUTH AMERICA

GWP NEWS

International seminar "Water and Environmental Sanitation Financing" (June 11)

Following on the series of successful regional workshops on Water Financing carried out in 2009 and 2010 by GWP and EUWI in different countries of South America, the international seminar "Water and Environmental Sanitation Financing" was held in Porto Alegre on June 11. Organized by GWP Brazil, in partnership with ABES-RS, it brought together members of the Basin Committees, universities, municipal representatives, financial institutions, NGOs and technical partnerships around the discussion of instruments and economic and financial mechanisms to promote sustainability of the water and sanitation sector.

Its aim was to identify and promote ways of funding, clarify doubts regarding how to access resources and prompt funding agencies to consider specific aspects of water resources management systems, for instance by including in their priorities what was established in the basins management plan in the case of Brazil.

The event was attended by members of Basin Committees, universities, municipalities, financial institutions, NGOs and technical associations.

In synthesis, the following immediate needs were identified in the workshops:

- The need for the federal government to consider the priorities established in the Basin Plan when defining investment priorities;
- The need to adjust funding operations for water and sanitation currently applied so as to consider regional differences, especially the characteristics of the Amazon region.
- The need to consider, within the framework of projects, a percentage of investment to finance capacity-building and research in the area.

As a contribution to the knowledge dissemination in the area, GWP Brazil handed out copies of the Manual "Economic Aspects of Sustainable Water Management", produced by Cap-Net, GWP and

EUWI-FWP in 2008. It will also deliver this material to individual Basin Committees and municipalities, seeking to support their management.

(Photos: <http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/GWP-en-las-noticias/2012-06-15/>)

Space for dialogue in Rio +20 (June 17)

Every single human has the right to safe and sustainable water supply as well as adequate sanitation; the challenge is how to achieve this. In seeking to address this challenge, Fluminense Federal University (UFF) in partnership with GWP Brazil, Urbenviron and WSSCC, organized the activity "Water and Environmental Sanitation Supply- Universalization" within the context of Rio+20, which was held on June 17. It was an open space for dialogue which aimed at raising awareness basically on two focal ideas:

- the need for a transdisciplinary approach to the issue, which considers consider gender, economic, technical and cultural aspects, and involves different actors, especially local social organizations.
- the importance of academia working closely with society to provide solutions or palliatives in accordance with the reality that is being lived and in situations in which these are truly needed.

(Photos: <http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/GWP-en-las-noticias/2012-06-19/>)

GWP key messages at Río+20

The need to implement integrated approaches, to improve political leadership and to include water security as one of the objectives of sustainable development within the context of green growth, were some of the key messages put forward by GWP in Rio +20 Summit and presented by Anna Virginia Machado, President of GWP Brazil, at a press conference during the event. Watch the video (speech in 30 min.): <http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/GWP-en-las-noticias/Mensajes-clave-de-GWP-en-Rio/>

Chile and a new environmental institutional framework (July 25)

In order to communicate the changes which are taking place in environmental issues regarding both government entities and legislation related to stakeholders and citizenship's involvement, the Seminar New Environmental Institutional Framework took place on July 25. It was organized by Gabriela Mistral University and sponsored by GWP Chile.

Currently Chile is in a transitional state in relation to environmental legislation as, although regulation in this field has existed since the 90s, interesting changes have occurred since last year which have lead, among other aspects, to the creation of new entities such as the Environmental Superintendence, and the disappearance of others, such as CONAMA.

Additionally, with regards to conflict resolution, Environmental Courts were created, with the aim to resolve conflicts and situations that the law considers. Furthermore, this change in the legislation contemplates the enactment of regulations which will regulate affairs entrusted to it, such as the new regulation of the Environmental Impact Assessment System system, which is about to be issued. The seminar was attended by about 70 people, including lawyers, biologists, engineers and the general public interested in understanding how the legislation will operate. Maria Luisa Baltra, Chile GWP Chair, moderated the meeting.

(Photos: <http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/GWP-en-las-noticias/2012-08-10/>)

GWP EVENTS

Second International Water Sustainability Summit (Chile, September 27)

The National Irrigation Commission of the Ministry of Agriculture of Chile and the Latin American Association of Development Hydrogeology (ALHSUD)-Chilean Chapter together with GWP Chile, among other actors, invite to the "Second International Summit on Water Sustainability: Monitoring and water management", which will take place on September 27 and will be live streamed simultaneously from the cities of Arica, Iquique, La Serena, Santiago and Concepción.

It is a major new step taken by the organizing institutions, following the success of the "Water Summit 2011".

This great event will convene to discussion actors both from the public and private sectors involved in the use of this vital element, such as entrepreneurs, farmers, academics and leaders from the political and environmental world belonging to the agricultural area – forest, industry, mining and sanitation, regarding the implications of water sustainability in Chile and the importance of monitoring, control and management of water in the country.

Among the international experts who will present at the event there are:

1. Paul Haener, Water International Office (OIE) of France.
2. Sue Vink, Centre for Water in the Minerals Industry (CWIMI) of Australia.
3. Mark Kram, Groundswell - Los Angeles.
4. Oscar Fuentes Escolero, Universidad Nacional Autónoma de Mexico.
5. Graham Fogg, University of California Davis.
6. Axel Dourojeanni, Fundación Chile
7. July Ordoñez, Chair of GWP Peru
8. Virginia Anna Machado, Chair of GWP Brazil

(Photo: <http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/GWP-en-las-noticias/2012-08-10/>)

FOR THE GENERAL EVENTS SECTION OF NEWSFLOW

1. VII Hispano-American Course on Groundwater Hydrology_

October 1st to December 8:

<http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/Eventos/2012-10-01/>

Organizer: Faculty of Engineering of the University of Uruguay

2. 2nd International Seminar on Irrigation_

November 6-9:

<http://www.gwp.org/es/GWP-Sud-America/EN-ACCION/Eventos/2012-11-06/>

Organizers: Faculty of Agriculture of the University of Uruguay and the National Agricultural Research Institute (INIA) of this country

FOR "GWP IN THE NEWS" SECTION

Rio's message on mountains must be incorporated to forests, water and other sectors

<http://www.condesan.org/portal/novedades/el-mensaje-sobre-montanas-de-rio-debe-incorporarse-bosques-agua-y-otros-sectores>

Website of Condesan, Consorcio para el Desarrollo sostenible de la Región Andina

SOUTH ASIA

PART 1: REPORT BY GWP-SAS REGIONAL OFFICE

The activities of the Regional Office from July to August focused on financial reporting for the 2nd Quarter, periodic reports to GWPO, coordinating the APAN activities and preparations for the Regional Days and Consulting Partner's meeting.

1. Financial reporting

The Regional Office coordinated with the Country Water Partnerships and prepared the Financial Reports for second Quarter, which were to the GWPO in a timely manner.

2. Bi-annual report

The Regional Office coordinated with the Country Water Partnerships and prepared the Bi-annual report for GWP SAS for January-June 2012, and disseminated in a timely manner.

3. Website

GWP SAS website was modified with reference to the GWP criteria and is ready for launching with the addition of details of the Regional Pool of Experts

4. Regional Days and Consulting Partner's Meetings

Regional Chair and Regional Coordinator participated at the Regional Days and Consulting Partners meeting. Regional Chair participated at a meeting of Regional Chairs, and made a presentation on Regional Proposal for Drought Management in South Asia at the Consulting Partners Meeting. Regional Coordinator facilitated the SWOT workshop on "Energising the Technical Function" and participated as a panelist in the panel discussion on "All regional programmes on Water, Climate and Development" at the Consulting Partners meeting.

PART 2: REPORT BY BANGLADESH WATER PARTNERSHIP

1. Publication of Newsletter of BWP

Bangladesh Water Partnership has finalized the newsletter detailing the activities in 2011 to be published and disseminated among its partners and individual members. A copy of the new letter will also be sent to GWP-SAS.

2. Steering Committee Meeting of Bangladesh Women and Water Network (BWWN)

The 17th SC Meeting of BWWN and second for the year 2012 was held on 02 July 2012, and the 18th SC Meeting of BWWN and third for the year 2012 was held on 18 July 2012. The principal agenda was 'Strengthening of BWWN'. BWWN's email address and BWWN's membership form was developed in these meetings. Drafting of the constitution, linkage with BWP's website and opening a bank account for BWWN are progressing. Members have also taken initiative to increase the number of members in the network.

3. Participation in GWP 2012 Consulting Partners Meeting and World Water Week 2012

GWP 2012 Consulting Partners (CP) Meeting was held on 26 August 2012 in Stockholm, Sweden. This year's meeting encompassed three separate sessions in one day, namely: the statutory GWP Network Meeting, the Consulting Partners meeting, and finally the GWP Annual Lecture. The day ended with a Farewell Reception in honour of the outgoing GWP Chair, Dr. Letitia A. Obeng, as this is the last Consulting Partners meeting chaired by her.

The Consulting Partners Meeting brought GWP Partners together from all over the world together with its Strategic Allies, to explore this year's overarching theme "Beyond Rio+20 : Water as a catalyst for climate-resilient development". The objectives of the 2012 Consulting Partners Meeting were;

- To present perspectives for global, regional and national climate-resilient development
- To set the stage for scaling up collaboration with GWP Partners and key strategic allies, and the implementation of climate resilience programmes at region and country level
- To set the context for GWP's 2020 vision of a water secure world

Mr. Giashuddin Choudhury, EC Member, BWP and Executive Director, Center for Environmental and Geographic Information Services (CEGIS) - a partner of BWP attended the Consulting Partner meeting. Dr. K. Azharul Haq, Vice President, BWP also participated as a member of panel session in the workshop on "Building climate resilience in the World's Deltas: Managing for effective water solutions", which was held during the CP meeting. Dr. Haq presented on the Delta Development Plan 2012, the Ganga-Brahmaputra-Meghna Delta, Bangladesh, jointly prepared by BWP and CEGIS.

World Water Week 2012 was held from 26 August 2012 to 31 August 2012 in Stockholm, Sweden. Dr. K. Azharul Haq, Vice President, BWP participated in the World Water Week 2012 in a Seminar on "Managing the World's Deltas: Unique Systems, Unique Challenges", which was held on 29 August 2012. Dr. Haq presented a paper on Ganga-Brahmaputra-Meghna Delta in the seminar. He highlighted the major three delta issues in Bangladesh, the Bangladesh process for delta development, measures to deal with these issues, most difficult parts in the process and suggestions for a country that is just starting to think about their deltas

4. Consultation Meeting on "Climate Change Adaptation in Water Management for Food Security: Recent developments in South Asia" under APAN Phase II



BWP conducted a consultation meeting on “Climate Change Adaptation in Water Management for Food Security: Recent developments in South Asia” on 14 July 2012 as a part of the activities of APAN phase II. Professionals from GO, NGOs and University participated in the meeting. A fruitful discussion was held in the meeting and the outcome will be reflected in details in the research paper of APAN Phase II.

5. Workshop on “Drainage Congestion in the Southwest Region of Bangladesh”



Right to left: Mr Shaikh Altaf Ali, Senior Secretary, MoWR; Al-Haz Md. Mahbubur Rahman MP, Honourable State Minister, MoWR; Mr. Ramesh Chandra Sen MP, Honorable Minister, MoWR Prof. M. Monowar Hossain, Executive Director, Institute of Water Modelling (IWM); Khan Tipu Sultan MP, Jessore-5

A workshop on “Drainage Congestion in the Southwest Region of Bangladesh” organized by Delta Alliance Bangladesh Wing, Institute of Water Modeling (IWM) and Bangladesh Water Partnership (BWP) was held on 18 July 2012 at BIAM Auditorium, Dhaka. Mr. Ramesh Chandra Sen MP,

Honorable Minister, Ministry of Water Resources (MoWR) was the Chief Guest. The Special Guests were Al-Haz Md. Mahbubur Rahman MP, Honourable State Minister, MoWR; Sk. Abdul Wohab MP, Jessore-6 & Honourable Whip, Bangladesh Parliament; Khan Tipu Sultan MP, Jessore-5; Mr. Shaikh Altaf Ali, Senior Secretary, MoWR and K.A.M. Shahiduzzaman, Director General, Bangladesh Water Development Board (BWDB). Prof. M. Monowar Hossain, Executive Director, Institute of Water Modeling (IWM) & Co-coordinator Delta Alliance Bangladesh Wing chaired the workshop.

Dr. A.F.M Afzal Hossain, Deputy Executive Director (Planning & Development), Institute of Water Modeling (IWM) welcomed the participants and presented an overview of the Delta Alliance. Mr. Zahirul Haque Khan, Director, Coast, Port and Estuary Management Division, Institute of Water Modeling (IWM) delivered the keynote paper on “Tidal River Management (TRM) for Drainage & Sediment Management in the Khulna-Jessore Area “. He highlighted the followings in his presentation:

- Pre-Polder conditions in the Southwest area before 1960
- Southwest area after implementation of coastal embankment project (CEP) in early 60's
- Drainage congestion in the south west region
- Sedimentation in the rivers
- Water logging at Bhabodah Area (project area) in 2006
- TRM operation in the Bhabodah Area
- Performance of Beel Bhaina (project area) Tidal Basin
- Sediment deposition in Beel Bhaina
- Planning, design and implementation of East Beel Khuksia Tidal Basin
- Benefit derived by implementation of TRM
- The people's opinion on effectiveness of TRM on different aspects etc.

There were significant number of designated discussants and Dr. K Azharul Haq, Vice President, BWP was one of them. Around 120 participants from government, nongovernmental and local government organizations participated in the workshop.

6. Roundtable discussion on “Rio-20: Immediate Task for Bangladesh Focusing on Climate Change”

A Roundtable discussion on “Rio-20: Immediate Task for Bangladesh Focusing on Climate Change” was held on 28 July, 2012 at Dhaka Reporters Unity organized by Bangladesh Unnayan Parishad (BUP), a partner of BWP. Qazi Kholiquzzaman Ahmad, Chairman, Governing Council, Dhaka School of Economics (DSCE) and Chairman, Governing Body, Palli Karma-Sahayak Foundation (PKSF) delivered the keynote paper on “A review of Rio+20 outcomes and the way forward for Bangladesh”. He presented the historical background and present status and outcome of Rio+20. Overall, the following were highlighted in his presentation.

- The global society currently faces major challenges, including the following:
- Global climate change is intensifying
- Euro Zone is in economic crisis
- US economy remains in troubled waters
- Population continuous to grow and

- Unsustainable life-styles (consumptions) persist, even worsen in the rich countries and also among rich people elsewhere
- Bangladesh's particular situation with respect to natural resources including water should be highlighted wherever opportunity arises
- Efforts to strengthen common voices of the climate vulnerable countries as well as other groupings of developing countries for achieving desirable result for an equitable and sustainable future for all citizens of the world.

Dr. K Azharul Haq, Vice President, BWP participated in the roundtable discussion.

7. Workshop on "Discussion on Drinking Water Quality and Contamination in Rural Areas"

A workshop on "Discussion on Drinking Water Quality and Contamination in Rural Areas" was held on 16th July, 2012 organized by Environment and Population Research Centre (EPRC) - a partner of BWP, Uttara University, Dhaka and Global Applied Research Network-South Asia (GARNET-SA) for water, sanitation, hygiene, environment and agriculture. The purpose of the workshop exchanged information on drinking water quality and its contamination in rural areas of Bangladesh by GARNET-SA in its areas of interest.

Professor Dr. A. Rahman, Vice Chancellor, Uttara University was the Chief Guest and Mr. Abdul Shahid, Additional Chief Engineer, Local Government Engineering Department was present as the Guest of Honor. Bilqis Amin Hoque, EC Member, BWP, Executive President, Environment and Population Research Centre (EPRC) and Coordinator, GARNET-SA chaired the workshop. Three students from Emory University, USA conducting a research on Drinking Water Quality of selected areas in Bangladesh and they presented the outcome of the research in the workshop. Professionals from GO, NGO and Uttara University and students participated in the workshop. K. M. Zeba Rahman, Executive Secretary, BWP also participated in the workshop.

8. Seminar on "Ice Melting in Antarctica and Climate Change Impacts on the Earth & Bangladesh"

A Seminar on "Ice Melting in Antarctica and Climate Change Impacts on the Earth & Bangladesh" was held on 28th August, 2012 organized by Bangladesh Poribesh Andolon (BAPA), a partner of BWP. Dr. Hasan Mahmud, honorable Minister for Environment and Forest, Government of Bangladesh was present as the Chief Guest. He had a visit to the Antarctica with former US Vice President & the outstanding global Climate Change stalwart activist Mr. Al Gore few months back. Dr. Hasan Mahmud presented the keynote paper on his experiences of Antarctica visit. He described the status of Ice melting in Antarctica and its impacts in the earth and Bangladesh. Eminent environmentalists Prof. M. Nazrul Islam, former Chairman of University Grants Commission & head of Environment and Geography Department of Dhaka University and Prof. Feroze Ahmed, formal head of Civil Engineering of BUET & renowned water expert of the country participated as the designated discussants. BAPA President Mr. ASM Shahjahan presided over the meeting. Professionals from GO, NGO and Universities, reporters from print and news media participated in the workshop and K. M. Zeba Rahman, Executive Secretary, BWP participated in the workshop.

PART 3: REPORT BY BHUTAN WATER PARTNERSHIP

1. IWRM sensitization for local leaders of Paro District

The IWRM sensitization workshop for the local leaders was conducted with the objective of educating and raising the awareness levels of the elected local leaders on water and its management. In the democratic system, the local leaders play a very important role on the overall development of the districts. They are also the key players in the management and distribution of natural resources. In order to maintain the integrated approach for water education, Bhutan Water Partnership (BhWP) invited water experts from various sectors and institutions such as wetland conservation, public health, natural resources management, legal, Hydromet Services, and Bhutan Trust Fund for Environmental Conservation.

During the program the local leaders were briefed about the Water Partnership at global, regional and country levels and their different functions. They were also clearly informed about BhWP's mandates and discussed the possibility of working together for the conservation of water resources. The participants showed a keen interest in supporting and participating in the program. Some of them expressed the view that as community leaders, they will be able to educate and influence the local people who are the key custodians of the natural resources, their use and management. They can also initiate programs and projects to involve local people in the conservation of its resources particularly water.

For the wider understanding on water resources of Bhutan, there were inputs from number of experts on hydro power and its cause and affects, water and sanitation, water for agriculture, wetland conservation, and natural resource management. Ways of tackling water shortage problems in the face of climate change were also were presented and discussed. The most pertinent provisions of the Water Act which talks about the ownership, Integrated Water Resources Management, River Basin Management, Water User Association, dispute resolution and customary and traditional practices were also deliberated at length.

The representative from Bhutan Trust Fund for Environmental Conservation, a local donor also presented its mandates and the possibility of funding support to community initiatives for environmental conservation. The participants expressed their satisfaction with the workshop and have indicated their intention to do their best for the better management of water resources in their respective areas.

2. Third BhWP Steering Committee Meeting

Endorsement of Ms. Sonam Pem's membership of BhWP

Ms. Sonam Pem from Agriculture Machinery Centre, Department of Agriculture was formally appointed as the female Regional Council member. As a Regional Council member, she was briefed about her role as RC which involves decision making at a regional level. It was decided that a formal letter to the Director General of DOA will be sent about her membership in BhWP. The GWP will also be informed.

Review of the minutes of meeting of 2nd steering committee meeting.

The Country Coordinator updated the activities of BhWP and budget received from GWP. He presented the budget statement of BhWP. It was discussed that more female members need to be encouraged and the recruitment of Program Officer for BhWP and RSPN need to be followed up.

The Country coordinator informed the members that the GWP-SAS Region Office will be shifted to Nepal beginning 2013, for three years and then by turn to Bhutan for which there is a need to prepare and build the partnership.

For the in-kind contribution, it was decided that the format to be changed and made standard. Rate fixation for meetings to be standardized (in-kind contribution). The Country coordinator updated the activities on the four proposals for which the Chair advised that the narrative and brief technical report to be presented from next SC meeting. He informed the floor that there will be Country Coordinators' meeting in Dhaka on 30 September on work planning. Prior to this, CWPs need to send draft work plan for 2013 by end of August. He also added that the framework of BhWP strategy is incomplete and need to be completed. There is a draft strategy and the work plan has to be aligned with the strategy.

2nd Quarter achievements; budget status

The budget statement was presented by the Country coordinator. For the third quarter, the budget received is 4000 Euros and the balance budget from the second quarter is 207 Euros.

Quarterly SC meeting schedule

It was decided that the steering committee meeting to be kept on the last month of the quarter (March, June, September and December).

Agenda 5; AOB

Website

It was decided that the logo for BhWP to be changed and inform the GWP for linking the BhWP. There is a need to update the website and everyone was requested to go through the website. It was decided that brief history to be written by GK Chopel and Chhimi Dorji. It will be circulated and all members are expected to give feedback. A narrative on the program will be formulated by Chukey Wangchuk after receiving the documents from BhWP.

Regarding Steering Committee members

With the reference to the previous committee minutes and considering the need of more members, it was decided that the steering committee members to be of 11 numbers and quorum to be two third. For more female members, Phurba Lhendup and Sonam Pem will follow up on 2 female members. The rest who are interested in joining will be assigned as members. The steering committee members will be changed after two years. It was also decided that the minutes will have to be signed by the Chairman and CC.

Work plan

The present work plan will have to be refined and will be circulated among the members. BTFEC will fund some activities (food and conference) such as fund for workshop as it provides opportunity to create awareness among the local leaders about BTFEC and its funding opportunity. This fund can be utilized in including more participants for sensitizing workshop.

Part 4: REPORT BY INDIA WATER PARTNERSHIP

1. Promotion of Jajmau Area Partnership (AWP) – Conference on “Safe Drinking Water and Pollution Free Ganga” organized on 23rd July, 2012 at Kanpur, Uttar Pradesh

Jajmau AWP has been supported by India Water Partnership (GWP-India). The ground implementation works are being undertaken by SACH- Society For Action in Community Health with support from Shramik Bharti, Kanpur and other local civil society organizations under the supervision of Society for Promotion of Wasteland Development, New Delhi, a network partner of GWP-India. AWP project is being undertaken from the last six months in zone 2 of Kanpur Nagar Nigam (KNN), known as Jajmau Area. This zone is in South East location of the Kanpur city, just south of Ganga River. The famous tannery industries of Kanpur are also located in this area. Three main activities have been an initial process of wider consultation in the city leading to formation of Ganga Alliance; ward level conference in April and a zonal meeting in July 2012. There have been other interaction meetings with Indian Institute of Technology, Kanpur, Ausaid, and consultations in Delhi and other cities associated with this initiative.

Objectives of the Jajmau AWP are to (i) To develop a Joint Stakeholder Forum in the Zone -2 of KNN- Jajmau Area located in South East of the city, in the immediate vicinity of Ganga River to discuss the pollution issues and possible strategies and actions to find solutions; and (ii) To develop a plan for prevention of pollution to river Ganges arising due to industrial and domestic activities in the area.

To achieve the above objectives, several meetings/conferences of stakeholders took place in the past six months. The details of one such conference which was organized on 22nd July, 2012 at Kanpur, Uttar Pradesh are given below:

The conference entitled “Safe Drinking Water and Pollution Free Ganga” was attended by nearly 70 participants from the different wards of Zone -2 of KNN. The highlights of the conference were participation by three Councilors of the KNN from Zone 2. The Chairman of Ganga Sewa Mission – Gangaputra Anand Swarup was one of the guest speakers in the conference. A play on Ganga Pollution was performed by a team of one of the local NGO- ‘Shrishti Samajik Sansthan’. A group of participants also visited Sarsaiya Ghat and met the local people to discuss the issue of maintenance of the cleanliness of the Ghats (Ghats are the places for taking bath near the bank of the river).

Key issues raised in the conference:

- The Kanpur city today has acquired ill reputation of being the city where Ganga is most polluted. Traditionally utmost importance was given to the quality of water and Ganga water had the highest rank in this. It is unfortunate that today, Ganga water has become absolutely polluted even where bathing quality is concerned.
- The proposal to supply treated water for agriculture purpose has been a total failure. The rose cultivation has failed in these areas. A large number of people are suffering from skin diseases due to coming in contact with contaminated water from Sewerage Treatment Plants.
- The state of access to water and sanitation is pathetic and grim in the city. There is a general crisis on the availability of water. The streets are full of garbage dumps. The sewerage water is flowing on the roads. There is no confidence in quality of drinking water supplied by Jalboard and common man cannot install ROs in their homes. The people are getting hard water from piped water supply from Chakeri plant and depend on tanker water for drinking purpose.
- The current plans developed for Kanpur and other cities for prevention of pollution to Ganga are inherently faulty.
- The process of commercialization of water has affected the civil society consciousness also. Today, there is a competition to get deeper boring and extract more water for one's own family and the commitment to share water with one's neighbor is completely lost. This has most ulterior consequences. The ponds in the area have been encroached by the vested interests.
- The micro-planning process has been taken up by Shramik Bharti in selected area of the zone. But the initiative rests with KNN and Jalboard to find solutions to some of the most difficult problems. At the same time, there is a need to bring about a change in people's awareness and consciousness. The use of street plays can be very good medium for it. This should be coupled with formation of local people committees and motivate them not to pollute Ganga by any means. This should lead in the direction of ward committees to advise the ward councilors and their federation at the zonal level. The AWP Jajmau should take a lead in this process.

Outcomes of the conference:

The conference was able to consolidate the process of making contact with people, NGOs, industrialists, officials and people's representatives. There is greater realization of the grimness of the situation as far as access to water and sanitation is concerned and its link to macro issues of flow in Ganga river and Ganga pollution. It is expected that the Jajmau AWP will play a greater role in finding solutions to the problems listed above.

2. Sensitization Workshop on Community Resilience on Climate Change organized on 23rd July, 2012 at Cuttack, Odisha

The Global Community has been sensitized on the issue of 'Climate Change' since the UN Conference on Environment & Development (UNCED) held at Rio de Janeiro in June 1992. Impacts of climate

change may include sea level rise, changes in rainfall & temperature, water resource, agriculture, communicable diseases etc. To adapt to and mitigate the impacts of climate change, the Government of India has constituted a National Action Plan on Climate Change (NAPCC). The underlying principle remains 'Adaptation' and 'Mitigation'.

With the above background, UDYAMA, a network partner of GWP-India organized a Sensitization Workshop on Community Resilience on Climate Change on 23rd July, 2012 at Gandhi Smarak Nidhi, Bokharabad, Cuttack, Odisha. Workshop participants included representatives from various NGOs working on issues related to Climate Change (such as, Regional Centre for Development Cooperation (RCDC), Bhubaneswar; Lutheran World Society India Trust, Cuttack; Jageswari Jubak Sangha, Nimapada Puri; Integrated Rural Development Agency, Kendrapada) and 120 Swayamshree women federation members (SHGs representatives). The workshop also witnessed participation of representatives from local urban and rural governance institutions like delegates from Cuttack Municipal Corporation, Sarpanches (Village heads) from Jagatsinghpur. This was the 3rd workshop of its series organized by UDYAMA during 2012.

Mr. Pradeep Mohapatra, Team Leader, UDYAMA, Bhubaneswar, shared the objectives and purpose of the workshop. He reiterated that the programme aims to create awareness among the people on various consequences of climate change. Mr. Mohapatra also highlighted that sensitization of community is important as water has become one of the crucial and important factors for our survival. Odisha witness multiple disasters such as, drought, flood, cyclone and sea surge and these hazards will get intensified in future.



In this context, GWP-India extended support to UDYAMA to accelerate community sensitization initiatives bringing together all sectors to undertake a more proactive role towards climate resilient development. Mr. Mohapatra also stated that the latest manifestations of vulnerabilities of climate change are visible through frequent occurrence of disasters like drought, flood, cyclone, super cyclone, coastal erosion at various places in Odisha. These results in rampant distress migration among the poor and marginalized and ultimately, putting the lives and livelihood at stake. He reminded the participants that in future it may be difficult for the world nations to save various species, getting safe and clean water if there won't be sustained efforts on conservation, preservation and restoration of water.

Mr. Manoj Dash, State DRM Coordinator, Project Concern International, Bhubaneswar, appreciated the effort of UDYAMA and GWP-India for initiating sensitizing initiatives at community level and organizing such awareness programmes. He discussed the risk reduction methods to be adopted and strategies to be followed and necessity of involvement of cross sectors in order to enhance community resilience and adaptation. He wanted to know various traditional methods which can be

useful in contributing to balance further fall in the climate. He explained various risk reduction methods during any disaster situation. He said that at first one need to save life and then properties. The risk can further be reduced by the community also, provided the community is well organized and have the skills and information. Under this situation, it will be easier to reduce risks and make a disaster resilience society.

Ms. Ranjulata Mohapatra, Unit Manager, LWSIT (Lutheran World Society India, Trust) Cuttack shared her practical experiences on disaster situation while working in different states of India. She shared experiences with regard to the role of women in disaster situation. Ms. Mohapatra highlighted various aspects of climate change issues globally and emphasized to begin response from one's own house and the community. While talking to the women participants she told that there is a need to save energy, to keep the surrounding clean, use dustbins, say no to polythene, plant trees. If these actions are taken, the impacts of climate change can be reduced.

Deliberations by the participants were followed by an open house discussion on local issues related to climate change. It was felt by the participants that networking, lobbying, advocacy and sensitizing PRIs/ Corporate/ Local administration and Legislatures are some of the means to address the issues of climate change. The workshop ended with all the participants taking an oath to reduce the adverse effects on climate change by initiating appropriate actions starting from their home front.

3. Workshop-cum-Orientation Program on “Vulnerability Mapping and Capacity Gap Analysis to mainstream Risk Reduction and Climate Change Adaptation” organized on 31st August, 2012 at District Barabanki, Uttar Pradesh

GWP-India network partner, Action for Disaster Resilient and Inclusive Development (ADRID), New Delhi with the help of District Administration, Barabanki, Uttar Pradesh and People's Action for National Integration (PANI) organized a one day workshop-cum-orientation program on 31st August, 2012 at Barabanki, Uttar Pradesh on topic Vulnerability Mapping and Capacity Gap Analysis to mainstream Risk Reduction and Climate Change Adaptation in ongoing development programs for the district. Fifty participants such as district officials including Shri Vijay Anand, Chief Development Officer (Barabanki), officials of different blocks, NGOs, civil society representatives attended the workshop-cum-orientation program. In the workshop, findings of the research study undertaken by ADRID earlier were shared with the participants. The workshop brought all the research outcomes of the study conducted in the district, focusing on issues related to Disaster Risk Reduction (DRR), climate change adaptation, food security and livelihood.

The workshop-cum-orientation program was chaired by Ms. Ministry S, District Magistrate, Barabanki. The study carried out by ADRID highlights vulnerability of Purudalai block due to recurring floods, particularly the case of extreme floods events in the villages located on the banks of river Ghaghara, which do not enjoy the protection afforded by the embankment. Discussions were held regarding how, in the scenario of extreme events how the flood, livelihood, food security, health should be protected. The villages lying between river Ghaghara and the embankment are flooded almost every year for 2-3 months. On the other hand the villages along the embankment, though protected, are invariably waterlogged for 15-30 days due to lack of egress for rainwater discharge to river Ghaghara.

Nearly 85% of the people of Purudalai Block of the district belong to BPL category, 70% are landless daily wagers and 80% are in heavy debt mainly due to loans taken for medical treatment for ailments arising due to the extremely poor hygiene and sanitation. In such scenario there is a need to revisit the strategy for area in the context of new emerging challenges of climate change.

The District Magistrate, Barabanki broadly agreed with the conclusions drawn by the study report and stated that district administration is already taking proactive action to mitigate the impact of some of the situation highlighted in the study report. Mr. Vijay Anand, advised the district officers to take note of problems faced by these villages. He also advised them to mobilize the stakeholders and ensure the formation of Women Self Help Groups to assist the State government and district officials in finding out viable solutions to the vulnerability of people in this flood prone region. District Administration agreed to undertake new initiatives which may provide an integrated solution for problems arising due to climate change.

4. Initiatives by Peoples' Area Water Partnership, Dhenkanal District, Odisha

Field visits to sites of flash flood/flood in the PAWP project area were made by the officials of PAWP and concerned authorities at sub-division and district level were informed about the damage and were requested to take remedial measures on urgent basis.

The damage on the river bank at village Baunspal on river Ramial was brought before the Asst. Engineer, Minor Irrigation, Kamakhyanagar by village Pani Panchayat leader, Mr. M.M. Sandha. The connecting road to village Bangura via Kushia was highly flooded by the Kalabila Nallah, a tributary of river-Ramial, creating a total cutoff of two Gram Panchayats. PAWP representatives requested the irrigation/minor irrigation authorities to erect small water harvesting structures or small embankments on this perennial stream that gets flooded during the monsoon.

PAWP team organized 18 village meetings during the 2nd and 3rd week of August, 2012 in collaboration with local public health authorities on community sanitation towards preventing dengue, malaria and diarrhea. School students were also involved in the community health awareness exercise.

As a part of community's capacity building, a one day consultation was organized on 27th August, 2012 at Kantio-putasahi High School Hall with the participation of members of Local Area Water Partnerships and Micro Area Water Partnerships. PAWP members Mr. B.K. Sahoo and Ms. P. Sethy facilitated the sessions that discussed the following issues:

The departmental action of renovation and improvement to the distributary system of Indrajeet nallah needs to be discussed in detail with the farmers who are direct beneficiaries. The practically defunct Pani Panchayat in this locality around Indrajeet nallah needs to be made functional or re-constituted.

The fall-point of run-off water from the Tolakpatia catchment area at Khadkhadi that creates submergence of paddy fields need to be re-designed and re-constructed. The irrigation authorities and PAWP representatives are required to make a joint visit for tackling this issue.

Plantation/pruning activity is to be taken up on the bushy patches around Khambeswari temple on the west bank of Indrajeet nallah.

At least two small water harvesting structures of diversion weir type need to be constructed between Bangura and Kadua villages (such structures shall hold and provide water during the winter and summer for crop and other use while controlling flooding during monsoon days.) The irrigation authorities are to be requested for a joint visit to plan for the construction during October, 2012.

5. Training Program on Building Community Capacities on IWRM – 11th & 12th July, 2012 at New Delhi

It was reported in January-June, 2012 half-yearly report that GWP-India is supporting Development Alternatives (DA), New Delhi, one of the partner in the north zone to undertake a small project “Building Community Capacities on IWRM” in urban slum areas of South and South-West Districts of New Delhi.

The objectives of the project are; (i) Create awareness about water resource management through community mobilization; (ii) Create a cadre of community mobilisers to communicate to communities; raise funds to promote and sustain these activities. This project aims to develop the capacity and capability within a community to generate and sustain good health practices with respect to Integrated Water Resource Management (IWRM) in a participatory manner. There is a special emphasis on Household Water Treatment and Safe Storage (HWTS) systems to ensure water security for the communities. For this purpose, a manual was developed by DA to impart training to youths and women of the urban slums (here called as Community Mobilisers) of South and South West districts of Delhi.

A two day training program was organized on 11th & 12th July, 2012 by DA at its Headquarters in New Delhi to build the capacities of the community mobilisers on Household Water Treatment and Safe Storage (HWTS), sanitation and hygiene. In the training program a session on communication was designed in which the mobilisers were trained in effective ways of communicating with the community. In each training program, 17-20 community mobilisers were trained and interactive mediums such as group discussion, power point presentation, movies and live demonstration were used. The language of the training



Interactive Session with Community Mobilisers



The first session of the training focused on need and importance of safe drinking water, impact of drinking

contaminated water on health and slight information on water testing.

The second session was an interactive session to assess the present understanding level about household water treatment methods. These community mobilisers were then provided detailed information about methods of water treatment along with the 'do's' and 'do not's' of each method.

Certificate Distribution to Community Mobilisers

The third session of the training focused on methods of safe water storage, need and importance of sanitation and hand washing. The mode of communication in this session was majorly films and the last session focused on training community mobilisers on the effective ways of communication. At the end of the training program certificates were distributed to the community mobilisers and also an aqua check vial was given to them so that they can check the quality of water they are consuming.

6. Participation in meetings/seminars/conferences/workshops

6.1 Second Meeting of Organizing Committee of India Water Week-2013

The second meeting of the Organizing Committee of India Water Week-2013 was held on 27th July, 2012 in New Delhi under the Chairmanship of Additional Secretary, Ministry of Water Resources who is also the Chairman of the Committee. As a member of this Committee, Dr. Veena Khanduri, Executive Secretary, GWP-India participated in the meeting. During the meeting, different technical sessions were discussed and design of the first information bulletin of India Water Week-2013 was presented for suggestions of the members. In the meeting various sub-groups were also formed. Dr. Veena Khanduri is also one of the members of sub-group constituted for dealing with sub-themes/topics on Use and Efficiency Management of Water Resources in Agriculture and Irrigation sectors.

6.2 Consulting Partners Meeting of Global Water Partnership (2012)

Mr. Arumugam Gurunathan, representative of GWP-India from Dhan Foundation, Madurai, Tamil Nadu was nominated by GWP-India to attend the Global Water Partnership (GWP) Consulting Partners (CP) Meeting of 2012 which was organized on August 26, 2012 at Stockholm, Sweden. Summary of the CP meeting provided by Mr. Gurunathan is given below:

Dr. Letitia A Obang, Chair, GWP welcomed the participants across the globe comprising of members from technical committee, strategic allies, 13 GWP regions, GWPO secretariat and representatives of GWP Country Water Partnerships. There was a live broadcast of the CP meeting through internet in order to make all members across the globe to get an opportunity to watch the meeting. She highlighted the functions and contributions of the GWP over the years and more particularly on making IWRM as part of policies of member countries.

Dr. Ania Grobicki, GWP Executive Secretary presented the significant contributions of regions during 2011-12 in a pictorial tour presentation and the effect of such interventions. Annual report highlights were also included in her presentation.

Mr. Mohamed Ait Kadi Chair of GWP Technical Committee shared the contributions of committee in coming out few publications useful for the members and the tools as well as frameworks highlighted in them. Mrs. Sandra Lindholm, Financial Officer from GWPO presented the financial report covering the fund receipts and fund utilization across different area of works of GWP.

Dr. Letitia A Obeng, GWP chair introduced the expert panelists to the members present. The focus of Plenary of Consultative Partners meeting was “Water Security as a catalyst for climate –resilient development”. She stated that due to climate change, the water sector encounters multiple risks such as disturbance in the hydrological cycle, exacerbating drought risks in Africa, South Asia and part of Mediterranean. In order to build water security as a cross-cutting as well as integrated approach to cope with climate risks, GWPO has taken this theme as a vital one to be pursued across many countries as part of climate negotiations, more particularly with in Africa to establish an exclusive programme on Water, Climate and Development Programme.

Mr. Michael Jarraud, Secretary General of World Metrological Organization delivered the key note address and his presentation covered the Global frame work of Climate services despite the challenges in giving perfect forecasts and climate warnings. He insisted on developing partnership among stakeholders and shaping climate information so as to improve preparedness and overcome the disasters. Mr. Sam Bickerteth, Chief Executive of Climate and Development Network delivered a special address on Climate Compatible Development with few success stories among the members of CKDN. Mr. Alex Simalabwi, GWP Network officer shared the frame work followed in Water, Climate and Development programme in Africa to ensure water security and climate resilient development. The necessity for investment in developing data irrespective of no-net returns is very essential for WACDEP. Mr. Andrew Takawaira, Seniro Programme officer shared the overview of WACDEP implemented in Africa with the support of GWP. The plenary session ended with appreciations to eminent presenters for bringing new dimensions, knowledge and perspective on climate risk mitigation which is the need of hour. Thereafter all the members attended the meeting assembled on the corridor with all smiles and posed for a group photo. Mr. Gurunathan also attended the three workshops organized post lunch sessions.

After three workshops, Dr. Ania Grobicki moderated a panel discussion involving all the chairs /facilitators of three parallel workshops about the outcomes. Ms. Merylyn Hedger, GWP Senior Advisor sounded a few concrete actions on securing water and climate development. On a question posed by Dr. Ania on ideal partners for collaborations, UN-Water and other potential and resourceful agencies were suggested. In the end, Dr. Ania proposed thanks to all the facilitators of the workshops and to Ms. Merylyn. A small video documentary on ‘Looking ahead to 2013, the international year of Water Cooperation’ was played.

Dr. Margaret Catley –Carlson, former chair of GWP and a member of the board of UNSGAB delivered a thought provoking lecture on “2020 Vision: The Future of Water”. The CP Meeting ended with a farewell reception to Dr. Letitia A. Obeng, the outgoing Chair of GWP.

Part 5: REPORT BY NEPAL WATER PARTNERSHIP

1. Compendium on Water Law

A Research Consultant who was engaged in collecting the water related laws under the program entitled "Collection of Water related Laws, Acts, Rules, Directives, Guidelines in English and Nepali (Local Language) Language" has submitted the compendium which is under the peer review now.

2. Experience Sharing by Journalists

On June 3, 2012, Mr. Iswer Raj Onta, Chair, GWP Nepal/JVS participated in an interactive program: "Seti Flood: Journalists' Perspectives" to share the experience of journalists who visited flood affected areas in Kaski district from May 7-9, 2012 at Nepal Forum of Environmental Journalists (NEFEJ), Thapathali, Kathmandu.

3. Participation in seminars and workshops

An International Seminar on River Basin Organization and Integrated Water Resources Management in Asia-Sharing Good Examples from NARBO was organized by Water and Energy Commission Secretariat (WECS), Government of Nepal at the Everest Hotel, Kathmandu on June 5, 2012. Mr. Iswer Raj Onta, Chair, GWP Nepal/JVS, participated in the seminar which was held under the World Bank supported project "Supporting Investments in Water Security in River Basins" for Integrated Bagmati River Basin Management."

Mr. Tejendra Bahadur G.C., Country Coordinator of GWP Nepal/JVS participated in the "Multi Stakeholder Workshop for Bagmati Water Security Improvement and Climate Change Resilience" on June 6, 2012. The Workshop was a part of World Bank supported project "Supporting Investments in Water Security in River Basins "and "Bagmati River Basin Improvement Project: PPTA" for Integrated Bagmati River Basin Management.

3.1 WECS Consultative Workshop

A consultative Workshop on the preparation of National Water Resources Policy 2012 was held on June 4, 2012 at The Indreni Food Land, New Baneshwor, Kathmandu. The workshop was managed by GWP Nepal/JVS.



Mr Bishwo Prakash Pandit, Chair of the workshop with distinguished guests

The program was chaired by Mr. Bishwo Prakash Pandit, Secretary, WECS whereas Mr. Hari Ram Koirala, Secretary, Ministry of Energy and Mr. Iswer Raj Onta, Chair, GWP Nepal/JVS were the distinguished guests of the program. Water experts from various government and non-governmental institutions were present at the workshop and contributed their valuable comments and suggestions for finalizing the draft National Water Resources Policy, 2012.

Mr. Som Nath Poudel, Vice-Chair, GWP Nepal/JVS made the presentation on draft policy where he talked briefly on need, objective and working guidelines of the National Water Resources Policy 2012. He highlighted the role of WECS as an important agency in implementing IWRM principles as specified in Water Resources Strategy 2002 and National Water Plan 2005. He also stressed on the role of educational institution to materialize the notion of IWRM principles.



3.2 Inception Workshop of "Benefit Sharing Mechanism in Storage Project: Lessons for Region"

GWP Nepal/JVS organized an Inception Workshop of the project "Benefit Sharing Mechanism in storage project: Lessons for Region" on June 8, 2012 at Hotel Himalaya, Kupondole Height, Lalitpur.

The workshop was an initial step to achieving the desired goal of the project with the objective to provide an opportunity for both the research

Mr. Som Nath Poudel, Vice Chair, GWP Nepal/JVS delivering his welcome speech

to show the contextual situation of the study areas and to develop a common methodological approach for study in both countries with the consultation of the experts.

3.3 Executive Committee Meeting (ECM)

The 131st Executive Committee Meeting of GWP Nepal /JVS was held on 12th June, 2012 in Kathmandu. The meeting discussed the programmatic and administrative issues of GWP Nepal/JVS.

3.4 Stakeholder's Consultation on Climate Change Adaptation for Water and Food Security: Recent Developments in South Asia



Mr. Prakash Gaudel, member, GWP Nepal/JVS presenting policy review on climate change success stories from community, they also suggested that the efforts

GWP Nepal/JVS held a Stakeholder's Consultation on July 31, 2012 at the Union House, Anamnagar, Kathmandu with national implementing partners/focal points working in water, agriculture and climate change sectors. The consultation helped to identify the recent developments in the realm of climate change adaptation and related policy developments. The participants focused on the need to document the local adaptation strategies/indigenous knowledge and their

to empower communities as well as the scientific innovations on coping with the climatic variability need to be highlighted.

4. Draft Report under review

A research consultant has completed the draft report of the project entitled "Assessment of Tinau River Development Efforts to launch the Local Water Resources Management Group (LWRMG), Tinau". The report submitted by the consultant is under the peer review.

5. 132nd Executive Committee Meeting (ECM)

The 132nd Executive Committee Meeting of GWP Nepal /JVS was held on 29th July, 2012 in Kathmandu. The meeting discussed the programmatic and administrative issues of GWP Nepal/JVS.

6. Translocation of GWP Nepal/JVS Office

GWP Nepal/JVS has shifted the office to its own building at Baluwatar-4, Kathmandu. The new address is as follows:

GWP Nepal/JVS

Ullas Marg, House No. 102

Baluwatar-4, Kathmandu Metropolitan City

Post Box No. 20694

Kathmandu, Nepal

Tel :- +977-01-4434424

Fax :- +977-01-4434431

e-mail:- jvs@wlink.com.np

Webpage:- www.jvs-nwp.org.np

7. Draft Report under review

A research consultant has submitted the draft report of the study entitled “Systematic Record of Climate Change realities on agricultural households/communities and coping mechanisms adopted or practices in Khokana, Lalitpur and Damak, Jhapa”. It is under the peer review.

8. Sediment and discharge measurement for the project “Benefit Sharing Mechanism in Storage Project: Lessons for Region”

On August 8-9, 2012, Mr. Tejendra G.C., Manager, GWP Nepal/JVS visited Kulekhani Watershed in order to measure the discharge and sediment inflow in Palung Khola and Chitlang Khola which are the major tributaries to Kulekhani Reservoir, the only storage type hydroelectric project of Nepal. He was accompanied by Mr. Prakash Gaudel, member, GWP Nepal/JVS and Mr. Durga Prasad Ghimire, a technician from Department of Hydrology and Meteorology, Government of Nepal.

9. Participation at Consultative Partners (CP) meeting

Mr. Sanjaya Dhungel, member, GWP Nepal/JVS participated the CP meeting of GWP held at Stockholm, Sweden on August 26, 2012 as a GWP partner.

10. National Level Findings Dissemination Workshop conducted

GWP Nepal in collaboration with World Bank/Centre for International Studies and Cooperation (CECI) is implementing a scheme entitled 'Strengthening Drinking Water and Sanitation Services Through Enhanced Accountability Measures' under Program for Accountability in Nepal (PRAN) to enhance the accountability of service providers as well as service receivers at all levels so that they are more informed about their respective roles.



A National Level Workshop was conducted by GWP Nepal/JVS on 29th August, 2012 at Hotel de l'Annapurna, Kathmandu. High ranking officials from the government of Nepal and non-governmental organizations (both national and international) were present at the workshop. Nepal Water Supply Corporation (NWSC), Department of Water Supply and Sewerage (DWSS), Rural Water Supply and Sanitation Fund Development Board (RWSSFDB), CECI and World Bank marked their presence in the

Mr Bal Krishna Prasai, Principal Social Accountability Practitioner, with his presentation on the findings of the study

Mr. Bal Krishna Prasai, Principal Social Accountability Practitioner of the PRAN project (member, GWP Nepal/JVS) presented on the key findings of the study at which the participants put their thoughts and comments. The participants focused on the need to come up with something implementable that would benefit both service providers and users.

Under the scheme, a social accountability tool, Citizen Report Card (CRC) is being prepared with a view to improve service delivery of service providers and enhance the demanding capacity of the service users in a constructive way through constructive engagement.

Nepal Water Supply Corporation, Janakpur and Nepalgunj branches being managed by NWSC; Ratnanagar Small Town Water Supply Scheme (Chitwan) and Lekhnath Small Town Water Supply and Sanitation Project (Kaski) being implemented under DWSS; and Kuirepani Rural Water Supply Scheme (Dang) implemented under DWSS and Kahundada Rural Water Supply Scheme (Kaski) implemented under RWSSFDB being managed by community were selected and studied for the preparation of the CRC.

Part 6: REPORT BY PAKISTAN WATER PARTNERSHIP

1. The Regional Proposal on Integrated Drought Management in South Asia Region and its presentation were updated incorporating comments of GWP Senior Advisor and others, by Country

Coordinator PWP under the guidance of the Regional Chair, GWP-SAS. The proposal was sent on 19 June 2012 to the Senior Network Officer for onward submission to Dr. Ania Grobicki, Executive Secretary, GWP for her meeting with the World Meteorological Organization. Following the presentation of the proposal to WMO, it was felt that a consultant of international standard should be hired to review and improve the proposal in the light of WMO's comments and CEE Proposal on the same subject. On request, the terms of reference (TORs) of the Consultant were prepared by the Support Officer, GWP-SAS which were then referred to GWP experts for finalization. The process of engaging the consultant is under way. GWP is providing financial assistance to fund the costs of consultant. Hopefully the proposal would be reviewed and finalized by end October 2012.

2. Pursuant to PWP's collaboration with the World Bank's Water and Sanitation Program (WSP) South Asia and the Launch Workshop of Water Supply and Sanitation Sector Study of 7th February 2012 in Islamabad, the Government of Sindh held an Inception Workshop at Karachi on 27 June 2012 which was attended by, and a session co-chaired by the Chairman PWP: Mr. Naseer Ahmad Gillani.

3. Regional Chair, GWP-SAS/Executive Director, PWP attended 71st and 72nd Board of Directors Meeting of Peshawar Electricity Company (PESCO) at Peshawar on 27th June and 25th July 2012 respectively and contributed to decision-making on energy management and administrative matters of the Electricity Distribution Company.

4. PWP held a Stakeholders Consultation on inputs for the APAN Research Paper titled "Climate Change Adaptation in Water Management for Food Security: Recent Developments in South Asia" on 25th July 2012 at Margalla Hotel, Islamabad, which was attended by 16 stakeholder organizations through their representatives. Dr. Pervaiz Amir, Consultant collected the responses of the stakeholders and compiled a report which was submitted to GWP-SAS Regional Office on 30th July for its inclusion in the Regional Research Paper.

5. Regional Chair, GWP-SAS and Support Officer, GWP-SAS/Country Coordinator PWP visited GWP-SAS Regional Office, Colombo, Sri Lanka from 11-12 July 2012 in connection with the Orientation Meeting of the designate Regional Chair. During this visit, an informal meeting was held with the Chairperson, Sri Lanka Water Partnership on 11 July 2012 and a number of interventions carried out by SLWP were shared with the delegates by Chairperson SLWP. Very comprehensive discussions took place on the affairs of Regional Office in Sri Lanka. A long agenda of two days was finished by the Regional Chair, Regional Coordinator, designate Regional Chair, Support Officer and the Senior Network Officer, GWP. A number of important decisions were taken to improve working of Regional Office.

6. PWP nominated delegate Dr. Pervaiz Amir participated in the GWP Consulting Partners Meeting at Stockholm, Sweden on 26 August 2012 and assisted the Regional Chair, GWP-SAS in making a presentation on the Regional Proposal on Integrated Drought Management in South Asia during Seminar One of GWP.

7. PWP office was visited by the following partners/experts during June-August 2012 to enhance collaborative efforts for imparting water awareness and implementation of Integrated Water Resources Management in the country:

Syed Khalid Mustafa, Development Editor, 'The News', Islamabad

Dr. Pervaiz Amir, Director, Asianics Agro-Dev International, Islamabad

Brig. Muhammad Aslam Khan, General Manager, Mari Gas Company (Pvt.) Ltd. Islamabad

Dr. Khalid Aftab Sulehri, Chairman, International Human Rights Observer (IHRO), Islamabad

Part 7: REPORT BY SRI LANKA WATER PARTNERSHIP

1. A school sanitation Awareness Programme was organized under the SLWP Sisu Jala Hamuwa IWRM programme at the Batugala MV in Pattiyagala, Bandarawela on 10th July. 100 children participated in this programme organized by SLWP through the Regional Office of NWSDB Bandarawela with the participation of the local Forest, Health and Environment authorities.

2. A meeting on the proposed catchment conservation programme at Maha Oya in the Aranayake area was held in association with the Divisional Secretary and the Maha Oya AWP and other local officials to map out the areas to be undertaken and future action to be taken on this programme to be sponsored by Janshakthi on 4th July at the Aranayake Divisional Secretariat..

3. Public Awareness Campaign during Kataragama festival. The Menik Ganga AWP with support of the Divisional Secretariat and NWSDB undertook the annual awareness campaign during the Kataragama festival at Sella Kataragama, to ensure reduction of pollution of Menik Ganga that takes place by visiting pilgrims during the festival. This annual event organized for the 8th year in succession by the SLWP uses youth volunteers to distribute handbills, use public address systems (both languages) and posters , banners together with youth patrols to prevent pollution of the river ,which is the source of drinking water supply(NWSDB intake) to both Kataragama and Sella Karataragama.

4. The 7th Programme Committee Meeting of SLWP was held on 5th July.

5. The 8th Programme Committee Meeting of SLWP was held on 4th August 2012.

6. A Technical Committee Meeting of the YWPS was held on 23rd August to decide on the selection of abstracts for development into Papers for the YWPS in November. 56 Abstracts were reviewed and 35 have now been selected.

7. SLWP signed a MOU with Janashakthi Plc. Ltd for Rs. 750,000/- on 3rd August 2012 to undertake a conservation and pollution mitigation programme in Maha Oya and Deduru Oya.

SOUTH EAST ASIA

Indonesia Water Partnership

Indonesia Water Partnership held a meeting on 8th August 2012 in Ministry of Public Works Building, where 18 participants from partners of Indonesia Water Partnership attended.

The primary objective of the meeting is to review the 2012 Work plan activity implementation.

The Executive Body Chair of Indonesia Water Partnership, Dr. Mochammad Amron led the discussion on the detail of the 2012 InaWP activities, which mainly focused on (1) Strategic Goal 2 - Dialogue on Urban Water Challenge , and (2) Strategic Goal 3 - National Workshop on Review of Water Resources Financing in Indonesia & Data Collection & Country paper writing on WR Financing.

It was also decided that Indonesia Water Partnership will start a preparation to hold a general assembly meeting in early 2013.



Malaysia Water Partnership

Regional Training of Trainers course on Ecosystem Services and IWRM

The MyWP and Global Environment Centre (GEC) co-organised a Regional Training of Trainers course on Ecosystem Services and IWRM on 18-21 June 2012 at



JPS Ampang, Kuala Lumpur, Malaysia. This Regional ToT was conducted in partnership with UNDP Cap-Net. 30 participants, including 5 from the SEA countries, namely Cambodia, Lao PDR, Vietnam, Philippines and Timor Leste, attended the ToT. The local participants were from the public sector as well as private and NGOs.

The Ecosystem Services & IWRM ToT was targeted to enable greater awareness and understanding on ecosystem management based on a holistic and sustainable manner. It has empowered the relevant stakeholders in Malaysia with the knowledge and skills needed to adopt the ecosystem services concept.



The aims of the activities were to make sure the participants understand and familiarize themselves with Ecosystem services as well as the IWRM concepts and issues. The participants were expected to be able to do their own valuation on Ecosystems and Environmental Services in addition to applying water management tools for ecosystem management, understand and implement the institutional arrangements and legal frameworks in their respective organisation and country.

This ToT also aims to capacity-build stakeholders from the above-mentioned South-east Asian countries. The training materials were adopted from International Ecosystem Function & IWRM which was conducted in Costa Rica.



National Water Financing Workshop



The Selangor Water Management Board (LUAS), a partner of MyCWP co-organized the ‘National Water Financing Workshop’ with MyWP. The workshop was held in Shah Alam, Selangor on the 19th July 2012. Approximately 50 participants attended the workshop and they represented the public/government and private sector, including NGOs and academia.

Three papers were presented in the morning session and they were “Funding the Water Sector Industry in a Developing World” by Dr YK Chin, “Water Financing – A State Perspective” by Mr Md Khairi Selamat and “Water Trading – sharing of the Australian Experience”. In the afternoon session, stakeholders and participants were divided into three groups, and they were tasked to discuss the Aspects, Funding mechanisms, Options or Incentives, Recommendations and the Stakeholder responsible on Water Management Functions from three perspectives: the public/government sector

at federal level, the public/government sector at state level and the private sector which includes NGOs and academia.

