



Water Journey

A guide to all the forum events and pavilion events
pertaining to water at the
IUCN World Conservation Congress in Barcelona
October 5 – 14, 2008





The IUCN World Conservation Congress

More than 8,000 of the world's leading decision makers in sustainable development: from governments, NGOs, business, the UN and academia. Together in one place for 10 days: to debate, share, network, learn, commit, vote and decide. The objective: ideas, action and solutions for a diverse and sustainable world.

Forum

The Forum is a public gathering hosted by the world's conservation community, bringing together people from all over the world to discuss, share and learn. Addressing the world's most pressing sustainable development challenges, the Forum offers four days of debates, workshops, dialogues, art and film, roundtable discussions, training courses, music and exhibitions. More than 800 events will take place during the four days, organised by IUCN members, Commissions, Partners and the Secretariat.

Journeys

To fully appreciate the content-rich agenda, IUCN has created 12 thematic Journeys to guide participants through the Forum. Journeys will allow easy navigation through all types of events on a specific theme or sub-theme, as well as to create connections between participants.

Water Journey

The Water Programme has created a journey for Congress participants as a guide through the Forum leading into the Business Assembly. The water journey's goal is to share knowledge, build understanding and form new partnerships; looking at watersheds as systems and finding solutions for balancing different water uses. This journey explores the success stories of IUCN's Water Programme demonstration sites and profiles the work of IUCN Members. Each event illustrates that cooperation and interdisciplinary approaches are imperative in water resource management decisions.

Of the more than 800 events during the Congress, around 50 events have been selected to be part of the Water Journey. The Water Programme has divided these 50 events into 4 rivers to help navigate through the immense selection. This is by no means obligatory, but is a suggestion to delve deeper and learn more about specific topics. The 4 rivers are: Water Management & Environmental Flows, Good governance & Stakeholder Participation, Ecosystem Services & Water Security and Global Issues & Climate Change.

In addition to the Forum events there are also parallel events running throughout most of the Congress (October 6-13) in the Water Pavilion by regions, partners and members. All members are welcome to use the Water Pavilion as a place for informal meetings during the Business Assembly.

Anyone may register for the Water Journey online ([Water Journey registration](#)) or at the Water Pavilion at Congress. Each participant will receive a Water Journey brochure at registration which provides a daily schedule of all water-related events.

Each morning coffee hour from 9-10 am and during evening happy hours the participants of the journey will meet at the Water Pavilion to share their experiences of the day. Through these informal discussions we would like to build understanding of water issues and the IUCN programme.

Water Journey Logbook and Brochure

This **Water Journey Logbook** has in depth information about the Water related events at Congress which include abstracts. There are three sections:

- Introduction to Journey
- Journey Schedule
- Journey Daily Schedule with abstracts
- Who's who in the Water Programme

Due to the length of the Journey Programme, please take into consideration saving paper before printing it.

At Congress we will provide a printed **Water Journey Brochure** which will have a schedule of all the events described in this detailed programme.

Water Journey Rivers

There are many events at congress related to water resource use, management and protection. To help guide journey participants we have divided the events into rivers based on themes. This will help you choose what to attend based on your area of interest.

- **Ecosystem Services & Water Security**
 - 9 events
- **Good governance & Stakeholder Participation**
 - 9 events
- **Water Management & Environmental Flows**
 - 8 events
- **Global Issues & Climate Change**
 - 8 events
- **Water Pavilion Events**
 - More than 70 events over the entire Congress by IUCN Regional Offices, Members and Partners
 - More than 20 members and partners involved

IUCN Key Water Programme Events

- **How to succeed in a changing world: Leading change in water resources management**
 - Tuesday October 7
 - 09:30 – 11:00 Room: Plenary B Capacity: 1000
- **Water and climate change debate: What use is nature for people and development?**
 - Wednesday October 8
 - 11:30 – 13:00 Room: 115 Capacity: 325
- **Talking about water: Water Dialogues and the private sector**
 - Thursday October 9
 - 11:30 – 13:00 Room: 134 Capacity: 75 Type: Global thematic workshop

IUCN Happy Hours

- **The Water and Nature Initiative Showcase**
 - Monday, October 6th
 - 18:00 – 20:00 Capacity: 200 Type: Pavilion Happy Hour
- **Visit the Water and Forest Pavilion for Happy Hour**
 - Tuesday, October 7th
 - 18:30 – 21:30 Capacity: 150 Type: Pavilion Happy Hour
- **Latin American Happy Hour**
 - Wednesday, October 8th
 - 18:30 – 20:00 Capacity: 150 Type: Pavilion Happy Hour
- **Visit the Water and Forest Pavilion for Happy Hour**
 - Thursday, October 9th
 - 18:00 – 21:00 Capacity: 150 Type: Pavilion Happy Hour
- **Water and Nature Initiative and Livelihoods and Landscapes Happy Hour**
 - Friday, October 10th
 - 19:00-20:30 Capacity: 30 Type: Pavilion Event
- **Visit the Water and Forest Pavilion for Happy Hour**
 - Saturday, October 11th
 - 18:30 – 20:00 Capacity: 150 Type: Pavilion Happy Hour
- **Visit the Water and Forest Pavilion for Happy Hour**
 - Monday, October 13th
 - 18:00 – 19:30 Capacity: 30 Type: Happy Hour

Water Journey Guide

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Sunday October 5




17:00 - 18:30 Auditorium **Opening Ceremony of the World Conservation Congress**

18:30 - 21:00 Reception hosted by Catalan Government

Monday October 6


| | Ecosystem Services & Water Security | Good Governance & Stakeholder Participation | Water Management & Environmental Flows | Global Issues and Climate Change | Water Pavilion Events | | | | |
|---|--|--|--|---|---|--|--|---|--|
| 09:00 - 11:00 | Auditorium | Opening Ceremony of the World Conservation Forum | | | 09:00—10:00 Welcoming participants to the Water Journey - Coffee and Networking 10:00—11:00 Ground Water inequalities in Palestine - Palestinian Hydrology Group | | | | |
| 11:30 - 13:00 | Plenary B | Thematic Stream Openings: Stream 2: Healthy Environments & Healthy People | | | 11:00—12:00 Watershed development and conjunctive use of ground water and surface water. The case of Marj Sanour in Palestine - IUCN West Asia/Middle East 12:00—13:00 Practicalities of DSS: The case of District DSS in Egypt - CEDARE | | | | |
| 13:00 - 14:30 | Lunch | | | | 13:00—14:30 SH Water Dialogues and Concerted Action - EM-POWERS Planning Cycle and SDCA | | | | |
| 14:30 - 16:00 | | | | | 14:30—16:00 Effect of drink water supply and sanitation in medium sized towns on coastal aquifers in Yemen - WEC, MWE, IUCN West Asia/Middle East, IDB | | | | |
| 16:30 - 18:00 | Room: 134 Capacity: 75 Type: Commission Events | Environment and Security Part I | Room: 119 Capacity: 75 Type: Aliances Workshop | Restoring Nature's Capital: Tools for integrating ecosystem services into decision making | Room: 114/10 Capacity: 12 Type: Knowledge Café | Power of Spirit: sustaining watershed ecosystems with music, art and stories | Room: 116 Capacity: 325 Type: Global thematic workshop | Is there "room" for gender in climate change? | 16:00—17:00 Ground water dilemmas; conflicting use. The case of Azraq Oasis - IUCN West Asia/ Middle East 17:00—18:00 Zarqa River Restoration- IUCN West Asia/Middle East |
| 18:00 -20:00 The Water and Nature Initiative Showcase - Drinks & snacks provided | | | | | | | | | |

Tuesday October 7




| | Ecosystem Services & Water Security | | Good Governance & Stakeholder Participation | | Water Management & Environmental Flows | | Global Issues & Climate Change | | Water Pavilion Events |
|----------------------|--|--|--|--|---|--|---|--|--|
| 09:00 - 10:00 | Networking and Coffee (Sponsored by Kinship Conservation Fellows) | | | | | | | | |
| 09:30 - 11:00 | Room: 123 Capacity: 75 Type: Aliances Workshops | Creating a Global Approach to Avoiding, Minimizing and Offsetting Wetland Loss | Room 120 Capacity: 75 Type: Aliances Workshops | Is still worth fighting to conserve the biodiversity in the Mediterranean Basin? The Mediterranean Initiative, a new WWF Challenge | Room: Plenary B Capacity: 1000 Type: Global Thematic Workshop | How to succeed in a changing world: Leading change in water resources management | Room: 134 Capacity: 75 Type: Global Thematic Workshop | Innovative tools for mainstreaming climate change adaptation in development interventions and policies | 10:00—11:00 Integrated Water Resources Management in Practice – The case of the Komadugu Yobe Basin |
| | | | | | |  | |  | |
| 11:30 - 13:00 | Room: 127 Capacity: 75 Type: Global Thematic Workshop | Do Ecosystems in the West Asia Region Reward People ? and do people reward ecosystems? | Room: 128 Capacity: 75 Type: Combined Workshop | Environment, Conflict, and Peacebuilding: Sharing Lessons and Building Networks | | | | | 11:00—12:00 Climate Change in Lake Chad, Niger Basin and Senegal Basin 12: 00—13:00 Sharing experiences in transboundary waters management – options for multi-level stakeholders' mobilization - Project for Improving Water Governance in the Volta River Basin (PAGEV), IUCN West and Central Africa |
| | |  | | | | | | | |
| 13:00 - 14:30 | Lunch | | | | | | | | Follow up on IUCN Workshop "How to succeed in a changing water world: leading change in water resources management (Session 1530) |
| 14:30 - 16:00 | Room: 123 Capacity 75 Type: Aliances Workshops | Biodiversity Conservation and Freshwater Services: Making the Link | Room: 114/9 Capacity: 12 Type: Knowledge Café | Participation in Practice: Participatory Environmental Planning in the Seymareh River Basin | Room: 133 Capacity: 75 Type: Donor Event | Finding innovative solutions for the world's largest rivers to balance ecology and inland waterway transport | Room: 114/7 Capacity: 12 Type: Knowledge Café | Aporte de soluciones practicas para que los pobladores de una cuenca hidrografica logren vivir en un ambiente sano y equilibrado | 14:30—16:00 Environmental Flows in the Pangani Basin - IUCN East and Southern Africa Programme |
| 16:30 - 18:00 | | | | | | | | | 16:00—17:00 Environmental Flows and poverty reduction strategies - EflowNet and Swedish Water House (TBC) 17:00—18:00 Water and Wetlands - key issues and future challenges: Ramsar Convention COP 10 and beyond |
| 18:30 - 20:00 | Room: 113 Capacity: 75 Type: UNDP Poble | Maori Community Goals for Enhancing Ecosystem Health | | | | | Room: 122 Capacity: 75 Type: Aliances workshop | Can the Amazon resist Climate Change? Indigenous territories and Parks offer hope and an integrated approach to biodiversity, sacred sites and livelihoods | 18:00—19:00 RULE: Water Law in a national context—IUCN Environmental Law Centre 19:00—19:30 In the Shadow of Kilimanjaro - Film (20 minutes) - IUCN East and Southern Africa 19:30—20:00 Tales of Water in the Pangani Basin - Film (13 minutes) - IUCN East and Southern Africa |

Happy Hour at the Water & Forest Pavilion 18:30—21:30

Wednesday October 8

| | Ecosystem Services & Water Security | | Good Governance & Stakeholder Participation | | Water Management & Environmental Flows | | Global Issues & Climate Change | | Water Pavilion Events | |
|---|--|---|--|--|--|--|--|--|---|--|
| 09:00 - 10:00 | Networking and Coffee | | | | | | | | | |
| 09:30 - 11:00 | Room: 114/9 Capacity: 12 Type: Knowledge Café | Action in Sustainability: thinking globally, acting locally | Room: 114/11 Capacity: 12 Type: Knowledge Café | Replicable models of participatory water management in the Thar desert, India | Room: 114/13 Capacity: 12 Type: Knowledge Café | Water? What Water? Challenges and solutions to improve the designation, management and design of protected areas for freshwater conservation | Room: 113 Capacity: 75 Type: UNDP Poble | Community-based approaches to climate change adaptation in wetland ecosystems. | 10:00—10:30 Freshwater Biodiversity and environmental flows | 10:30—11:00 Launch of integrated wetland assessment toolkit |
| 11:30 - 13:00 | Room: Cinema Capacity: 250 Type: Conservation Cinema | Take Pride in the East Calcutta Wetlands 12:00—12:30 | | | | | Room: 115 Capacity: 325 Type: Global thematic workshop | Water and climate change debate: What use is nature for people and development?  | 11:00—12:00 Information session on the Environmental Flows Network and demonstration of the website (www.eflownet.org) in English and Spanish | 12:00—13:00 International Water Management: Water Law in a Transboundary Setting |
| 13:00 - 14:30 | Lunch | | | | | | | | 13:00—14:30 The 5th World Water Forum Bridging the Divide - Follow up on the "Water and climate change debate: What use is nature for people and development?" (Event 1544) | |
| 14:30 - 16:00 | Room: Cinema Capacity: 250 Type: Conservation Cinema | Aquatic and Wetland plants- In harmony with Mankind 15:00—15:30 | Room: 114/9 Capacity: 12 Type: Knowledge Café | Waiapu Koka Huhua (Waiapu Mother of Many): A community approach to enhancing ecosystem health with traditional knowledge and collaboration | | | Room 114/1 Capacity: 12 Type: Knowledge Café | Impacts of Trade and Climate Change: Bringing Together the Stakeholders | 14:30—15:15 Vídeos y Conversación sobre experiencias y lecciones de WANI en Mesoamérica | 15:15—15:45 Presentación sobre el ordenamiento territorial, medios de vida, PSA y gestión del agua en Centroamérica. 15:45—16:10 Proyecto Piloto GIRH en la cuenca del río Guayllabamba |
| 16:30 - 18:00 | Room 129 Capacity: 75 Type: Aliances workshop | For environmental health and wealth: conservation through use of biodiversity | Room: 125 Capacity: 75 Type: Aliances Workshop | Do we need a legal framework for water and lake management at global scale? | Room: Plenary B Capacity: 1000 Type: Aliances Workshop | Protecting Freshwater Ecosystems and Meeting the Needs of the World's Growing Urban Population | | | 16:10—16:35 Estrategia Andina de Gestión Integrada de Recursos Hídricos - SGCAN/Instituto Quinaxi | 16:35—17:00 Delimitación y Codificación de Unidades Hidrográficas de los países de la Comunidad Andina y de Sudamérica 17:00—17:40 Presentación de la Secretaría Técnica del Sistema Iberoamericana de Información sobre el Agua 17:40—18:00 Panel UICN ORMA/SUR respecto a la presentación del SIAGUA y su posible relación con la Iniciativa Latinoamericana y trabajo en WANI 2 para América Latina |
| 18:30 - 20:00 | | | | | | | | | 18:30—19:00 Actividad conjunta entre Programas de Bosques y Aguas de UICN a nivel global y en la región mesoamericana | 19:00—20:00 Latin American Happy Hour "Compartiendo bebidas latinoamericanas: no solamente agua..." |
| Happy Hour at the Water Pavilion 18:30—20:00 | | | | | | | | | | |

Thursday October 9

| | Ecosystem Services & Water Security | | Good Governance & Stakeholder Participation | | Water Management & Environmental Flows | | Global Issues & Climate Change | | Water Pavilion Events | |
|----------------------|--|---|---|--|---|---|---|---|---|---|
| 09:00 - 10:00 | Coffee at the Water Pavilion | | | | | | | | | |
| 09:30 - 11:00 | | | Room: 114/12 Capacity: 12 Type: Knowledge Café | Creando capacidades locales para conservar la Reserva Natural del Iberá, Corrientes, Argentina, un gran humedal con recursos manejados | Room: 133 Capacity: 75 Type: Aliances Workshop | Tools and techniques for re-optimizing major water management systems to restore aquatic ecosystems and human livelihoods | | | 10:00—13:00 Maintaining and restoring watershed catchments to conserve ecosystem services for Fijian communities | |
| 11:30 - 13:00 | Room: Conservation Cinema Capacity: 250 Type: Conservation Cinemas | 11:50-12:00 Okavango: Sustainable Management in the Delta (Okavango Delta Management Plan) | Room: 134 Capacity: 75 Type: Global thematic workshop | Talking about water: Water Dialogues and the private sector  | Room: 123 Capacity: 75 Type: Global Thematic Workshop | The role of regional integration in managing trans-boundary biodiversity resources in Africa  | Room: 124 Capacity: 75 Type: Global Thematic Workshop | Adaptación al cambio climático en América Latina: retos locales, nacionales y regionales para mejorar la salud de los ecosistemas y los medios de vida  | | |
| 13:00 - 14:30 | Lunch | | | | | | | | 13:00—14:30 Follow up on "Talking about water: Water dialogues and the private sector" (Event 1529) | |
| 14:30 - 16:00 | | | | | | | | | 14:30—16:00 The corporate social responsibility of water companies and the connection with biodiversity | |
| 16:30 - 18:00 | Plenary Hall | Forum closing | | | | | | | | 16:00—17:00 New urban design, and green spaces in relation to cities of the future and challenges of climate change 17:00—18:00 Reuse and waste management for agriculture |
| 18:30 - 20:00 | Plenary Rooms | Official Regional Member Meeting | | | | | | | | 18:00—21:00 Visit the Water and Forest Pavilion for Happy Hour |
| 20:30 - 23:00 | Reception hosted by Catalan Government | | | | | | | | | |

Pavilion Events during the Members Assembly

| | October 10 | October 11 | October 12 | October 13 |
|----------------------|--|--|----------------------|---|
| 09:00 - 10:00 | Coffee and Networking at the Water Pavilion | | | |
| 10:00—11:00 | Water in the 21st Century, an educational proposal - Obra Social de Caixa Catalunya, Unescocat | Illegal waste removal by volunteers in Estonia - Estonian Fund for Nature (Eestimaa Looduse Fond – ELF) | Excursion Day | Strengthening Governance to Secure Long Term Water Provision in the City of Quito—Fundación Futuro LatinAmericano |
| 11:00—12:00 | Advancing freshwater biodiversity conservation – A Motion to the Congress - WWF | Colaboración de la sociedad civil en la protección de la cuenca hidrográfica del Canal de Panamá - Asociación Nacional para la Conservación de la Naturaleza (ANCON) | | Gobernabilidad del Agua. Caso Concreto Cuenca Rio Naranjo - Fundacion Solar |
| 12:00—13:00 | Mekong Waters Dialogue - IUCN Asia Regional Office | Jal Bhagirathi Foundation | | Members programme |
| 13:00—14:40 | Canada's Water Challenge: Global Change, Water Under Fire and Beyond - Canadian Wildlife Federation -Lunch provided | Canada's Water Challenge: Global Change, Water Under Fire and Beyond - Canadian Wildlife Federation -Lunch provided | | Members programme |
| 14:30—16:00 | From Hydrology to Drinking Water: Sustaining Watersheds & the People Who Need Them - A Natural Resource & Water to Drink | IUCN Members and the Ramsar Convention on Wetlands 10th Conference of Parties - IUCN Water Programme | | IUCN Members and the 5th World Water Forum - IUCN Water Programme |
| 16:00—17:00 | Education des jeunes scolaires à la protection des ruisseaux à kpalimé - Les Compagnons Ruraux | IUCN Members and the 5th World Water Forum - IUCN Water Programme | | Members programme |
| 17:00—18:00 | Steal for it, Shoot for it or Sign for it - the stark choices ahead for the world's shared waters - WWF | Recycling Realities – water research making a difference - IDRC | | Water Pavilion wrap-up |
| 18:00—19:00 | Enda : des actions en faveur des populations vulnérables - Enda TM | Changing climate - Red Alert in Sunderbans - Wildlife Society | | 18:00-19:30 Forest and Water Farewell happy hour |
| 19:00—20:00 | 19:00-20:30 Water and Nature Initiative and Livelihoods and Landscapes Happy Hour | 18:30—20:00 Visit the Water and Forest Pavilion for Happy Hour | | |
| | October 10th—Happy Hour at the Water and Forest Pavilions 19:00—20:30 | October 11th—Happy Hour at the Water and Forest Pavilions 18:30-20:00 | | |

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Daily Schedule with Abstracts

Monday October 6

Ecosystem Services & Water Security

Environment and Security Part I.

Event Number: 330 Organiser: *IUCN Commission on Education and Communication*

16:30 – 18:00 Room: 134 Capacity: 75 Type: Commission Events

In many armed conflicts the situations on the ground are linked ecologically (e.g. glaciers and shared rivers), politically, economically and socially. Climate change will only aggravate this complexity. Think tanks, ecological as well as military ones, and organizations such as IUCN or NATO do well to start now exploring and discussing scenarios. In this workshop representatives from environmental and military backgrounds will jointly explore the issues and the potential added value they can offer each other.

Good Governance & Stakeholder Participation

Restoring Nature's Capital: Tools for integrating ecosystem services into decision making

Event Number: 601 Organiser: *World Resources Institute*

16:30 – 18:00 Room: 119 Capacity: 75 Type: Aliances Workshops

Human development depends on ecosystem services such as freshwater supply, food production, watershed protection, and climate regulation. The rural poor, in particular, depend on ecosystem services for their livelihoods and well-being. Expanded public and private investment to improve the poor's access to and benefits from these environmental assets can generate strong returns for poverty reduction and "pro-poor" growth, and accelerate progress towards the Millennium Development Goals. Yet, the Millennium Ecosystem Assessment found that nearly 2/3 of ecosystem services declined more rapidly and extensively over the past half century than at any other comparable time in human history. This threatens to undermine developing country prospects for achieving sustained growth and inclusive development.

To address this challenge, WRI and partners are developing a set of practical tools within the framework of an "Ecosystem Services Approach" to support the integration of ecosystem services into development policy and planning processes. WRI will introduce the Ecosystem Services Approach and related tools—such as ecosystem service mapping, valuation, scenarios, ecosystem service prioritization and policy responses—and provide examples of their real-world application.

An interactive "question and answer" discussion will follow with decision makers from diverse sectors. Discussion topics will include:

- Rationale for using an Ecosystem Services Approach in decision making from the perspective of an international development organization and a bilateral funding aid agency;
- Lessons from Kenya on how maps of ecosystem services can inform poverty reduction efforts;
- Insights from the Eastern Caribbean on conducting valuation of ecosystem services to support better coastal management decisions and create financial incentives for coral reef protection; and
- Emerging applications of an Ecosystem Services Approach, including assessing the impacts of climate change and developing biofuel sustainability standards.


WRI also will launch *Ecosystem Services: A Guide for Decision Makers* during this session, providing copies for participants.

Water Management & Environmental Flows

Power of Spirit: sustaining watershed ecosystems with music, art and stories

Event number: 1054 Organiser: *a natural resource*

16:30 – 18:00 Room: 114/10 Capacity: 12 Type: Knowledge Café



Our music and arts are not just aesthetically pleasing. They are our religion, what we believe, our guides. They are our communication with nature, identifying our spirit, serving as our teachers, teaching us how to act.

While throughout history, culture and religions from around the world connect purity and well-being with clean clear water and the forests that surround them, the degradation of these same forests and watersheds that sustain us, speaks of a greater global disconnect. These underlying, deep rooted connections between our natural areas and ourselves, are important considerations in our unified decisions for our shared resources and our avenues to work together in sustaining our common health and well-being. With over 15 thousand multinational scientists and water experts from around the world, the 2006 World Water Congress in Mexico City, was met by crowds of local and indigenous demonstrations blocking the Congress entrance. Insisting on honoring the spirit of water through stories, art, music and dance, alternative community forums were initiated focusing on local empowerment and access to their drinking water. Debates included questions of too much or too little water? Are you for or against privatization? Is access to potable supplies a basic human right? But while we continue to discuss our many options, we must also address our universal purpose. Aboriginal stories, art and music often hold histories and geographic variables of landscapes, ecosystem change predictions and lessons for human/environment interactions. Intact hydrologic ecosystems that include the human experience of those within them are the key to our human health and our continued well-being.

We must strive to guard and enhance the processes for natural quantity and quality within our hydrologic basins. These include resources management that connects the culture and ecology of particular area with how they can work together. The focus is on linking the health within our watersheds with the knowledge, spirit and well-being within the people who live there. This work provides an avenue to further explore the inherent links between our geographic and scientific knowledge of watershed ecology, and an understanding of our human and spiritual connections within it. Projects expand the science of watershed analysis through combining landscape ecology with cultural and spiritual sound and arts related to water.

Global Issues & Climate Change

Is there "room" for gender in climate change?

Event Number: 1541 Organizer: *IUCN - Senior Advisor for Gender*

16:30 – 18:00 Room: 116 Capacity: 325 Type: Global thematic workshop

Climate change will affect all countries, in all parts of the globe. But its impacts will be distributed differently among regions, generations, age classes, income groups, occupations, and genders. The poor, the majority of whom are women living in developing countries, will be disproportionately affected. Yet to date, most of the debate on climate change has been gender blind.

Because climate change affects women and men differently, a gender perspective is essential when discussing climate policy development, decision-making, and strategies for mitigation and adaptation. Women are not just helpless victims—they are powerful agents of change, and their leadership is critical.

Women can help or hinder strategies related to, among other things, energy use, deforestation, population, economic growth, science and technology, and policymaking. This workshop will present some ideas for actions in relation to the importance of gender in financing mechanisms, international and local policies and local actions related to climate change.

Water Pavilion Events

Networking and Coffee

Organiser: IUCN Water Programme

9:00 – 10:00 Capacity: 200 Type: Coffee Hour

Ground Water inequalities in Palestine

Organiser: *Palestinian Hydrology Group*

10:00 – 11:00 Capacity: 30 Type: Pavilion Event



Watershed development and conjunctive use of ground water and surface water – The case of Marj Sanour in Palestine

Organiser: *IUCN West Asia/Middle East (IUCN WAME)*

11:00 – 12:00 Capacity: 30 Type: Pavilion Event

Marj Sanour project in Palestine, one of the five demonstration projects of REWARD programme, and mainly it is a watershed development project that will explore how pressure on groundwater can be reduced by making better use of surface (run-off) water while improving ground water recharge (conjunctive use) and increasing agricultural potential. As a typical situation for the mountainous parts of the Middle East region, the project will explore the potential of Decision Support Tool as a basis for watershed development planning.

Practicalities of DSS: The case of District DSS in Egypt

Organiser: *CEDARE*

12:00-13:00 Capacity: 30 Type: Pavilion Event

Irrigation and Drainage Management in Water Districts in the Nile River, another demonstration project of REWARD programme in Egypt. This project will explore the potential of District Decision Support Tools to better assess impact of management decisions for use of the drainage/irrigation and agricultural systems. The project is seen by the Ministry of Water Resources and Irrigation as an important pilot with potential for scaling up to the 200 other Water Districts in the country.

SH Water Dialogues and Concerted Action

Organiser: *EMPOWERS Planning Cycle and SDCA*

13:00-14:30 Capacity: 30 Type: Pavilion Event

Stakeholders Dialogue and Concerted Action (SDCA) process is meant to facilitate the implementation of the different sequential steps of a Planning Cycle for IWRM. An underlying assumption is that stakeholder involvement, particularly at the intermediate and local level, throughout the process of problem and solution identification and selection of possible developmental options, will lead to more equitable, efficient and sustainable water resource management. It is also assumed that such stakeholder involvement, especially at the community level, will enhance access and rights of the under-privileged groups in society.

Watershed development in subcatchments in Yemen; ground water and surface water conjunctivity. The case of Yemen.

Organiser: *WEC, MWE, IUCN West Asia/Middle East WAME), IDB*

14:30-16:00 Capacity: 30 Type: Pavilion Event

Ground water dilemmas; conflicting use. The case of Azraq Oasis.

Organiser: *IUCN West Asia/Middle East (IUCN WAME)*

16:00 – 17:00 Capacity: 30 Type: Pavilion Event

Azraq Oasis in Jordan another demonstration project of REWARD programme: a typical situation in the middle east region of over abstraction of ground water for urban drinking water and unsustainable large-scale agriculture, besides the need to preserve the remnants of an unique and biodiversity rich wetland recognized as a Ramsar site. Systemic approaches and Decision Support Tool will be tested to explore how they can be used to provide a basis for different scenarios and strategies for policy makers in order to make the appropriate decisions for long-term sustainable use of the aquifer.

Zarqa River Restoration

Organiser: *IUCN West Asia/Middle East (IUCN WAME)*

17:00 – 18:00 Capacity: 30 Type: Pavilion Event

Zarqa River Basin Restoration another demonstration project of REWARD programme in Jordan: In this situation natural river flow from springs fed by rainfall in the heavily urbanized upper watershed (Amman City) is deviated to the urban sanitation network. Coupled with high degrees of pollution from urban household waste water and solid waste and waste water from industry, the Zarqa River has get in a severe emergency situation where environmental degradation has gone almost beyond possible recovery. A stakeholder-led planning process will attempt to find long-term solutions with commitments from all parties including the private sector.



The Water and Nature Initiative Showcase

Organiser: IUCN Water Programme

18:00 – 20:00 Capacity: 200 Type: Pavilion Happy Hour

The IUCN Water & Nature Initiative (WANI) develops and demonstrates practical approaches to the implementation of Integrated Water Resources Management. It supports and catalyses national water reforms and builds needed capacities.

The first phase of WANI worked in 12 river basins and over 30 countries worldwide from 2001 to 2008, with funding exceeding \$40m. Core funding was provided by the Ministry of Foreign Affairs of the Netherlands (DGIS). This event celebrates 7 successful years of WANI and the start of a second phase that will scale up and spread the lessons learned.

Tuesday October 7

Ecosystem Services & Water Security

Creating a Global Approach to Avoiding, Minimizing and Offsetting Wetland Loss

Event Number: 1022 Organiser: *The Nature Conservancy*

9:30 – 11:00 Room: 123 Capacity: 75 Type: Aliances Workshops

Healthy marine, brackish and freshwater wetlands are important sources of ecosystem services. In the face of climate change, wetlands have increased importance in making river and coastal areas more resilient to erratic weather patterns and rising sea levels. Despite the value of wetlands, they continue to be damaged and lost by infrastructure projects and the expansion of agriculture. In some countries laws and regulations have been put in place to reduce wetland loss and to offset (mitigate) loss where it cannot be avoided. This workshop will engage the participants in a structured discussion about how wetlands and mitigation strategies can be applied more broadly to protect ecosystems around the world and particularly in developing countries. After brief background presentations, the discussion portion of the workshop will identify how conservation policymakers could incorporate the avoidance and mitigation of wetlands loss in aid and infrastructure programs financed by industrialized countries, corporations and multi-lateral organizations.

Do Ecosystems in the West Asia Region Reward People? And do people reward ecosystems?

Event Number: 1513 Organiser: *IUCN Regional Office West Asia and the Middle East*

11:30 – 13:00 Room: 127 Capacity: 75 Type: Global Thematic Workshop

The title of this session implies two key questions: have ecosystems really an economic interest for people? (the economic question in a broad sense). And are people really interested to make sure that ecosystems will not degrade (the ethical question).

The session will illustrate this dual challenge in role play, quick presentations and short case studies, with a focus on conditions in the Middle East and attempts to come to win-win situations (makafa'a or reward) by emphasizing the socio-economics of ecosystem services. It will explain "our why" to reconcile ecosystems and people's livelihoods (in general, for our region & office; and to create accountability at different levels for matching ecosystems and people's interests).

A number of approaches - developed in our region - will be presented that are essential to come to such win-win situations such as the EMPOWERS approaches to participatory planning for natural resource management, stakeholder dialogue and concerted action (SDCA), Waqf, Islam based endowment funds for conservation and development, and Hima, a traditional approach to ensure protection and conservation of protected areas. Case studies will work around local water resource management, enhancing biodiversity in selected protected areas and possibly also coastal/marine ecosystems in the Red Sea. They relate to the three main thematic programmes of the WAME Office that will work in the coming years towards a ONE ECOSYSTEM APPROACH, with a strong leaning to tackle poverty/equity/gender and biodiversity/business issues.

Biodiversity Conservation and Freshwater Services: Making the Link

Event Number: 448 Organiser: *Conservation International*

14:30 – 16:00 Room: 123 Capacity 75 Type: Aliances Workshops

The global freshwater crisis is characterized by water quality, quantity and access limitations that threaten human livelihoods and global freshwater biodiversity. Over 20% of fish species may already be extinct or are threatened, and freshwater vertebrate populations appear to be declining more rapidly than terrestrial or marine vertebrate species. Half of the world's wetlands have been lost since the early 1900's. Over 60% of the earth's available freshwater is withdrawn or diverted for human needs. As the world's population grows and develops, freshwater ecosystem degradation will worsen, increasing species extinctions and water related competition and conflict. Stronger water policy, governance, use regulation, and integrated resource management, are critical for resolving the water crisis problem, as are new techniques for capturing value of freshwater services. Recent experimentation with such techniques has resulted in the protection of freshwater biodiversity and ecosystems, and benefits for people from that protection.



Maori Community Goals for Enhancing Ecosystem Health

Event number: 1206 Organiser: *He Oranga mo nga Uri Tuku Iho Trust*

18:30 – 20:00 Room: 113 Capacity: 75 Type: UNDP Poble

This workshop introduces a case study of community driven and community controlled collaborative research between an indigenous community and a government science/ research institute. It explores the coming together of traditional knowledge and science methodologies to progress a community's sustainable development program. This case study provides practical examples of communities working with scientists to build a community-focused catchment management strategy, based on an in-depth understanding of biophysical processes and cultural values, knowledge and aspirations, in order to plan, prioritise and target rehabilitation in the catchment.

The case study explores the ways communities' value water and land and reconnects with the life-providing roles and capacities of their environment. The case study will also look at how a community can incorporate traditional knowledge into resource management strategies; evaluate the state and health of their environment and the role of women in advancing a community-based sustainable development agenda.

The goal of Maori Community Goals for Enhancing Ecosystem Health was carried out in the highly degraded and modified Waiapu catchment, Ruatorea, East Coast New Zealand. The catchment, which includes the Waiapu River and Mount Hikurangi, is of great cultural, spiritual, physical and economic significance to the Ngati Porou tribal community.

The catchment was selected for study because of significant environmental and cultural issues. The Waiapu is considered the most sediment polluted catchment in the southern hemisphere. It is highly degraded. Few natural habitats remain. Maori believe the decline of the mauri (life force) in the land and waters correlate to loss of, amongst other things, cultural values and traditional knowledge. Many socio-economic issues and disparities – in contrast with the general New Zealand population identify the area as being disadvantaged and deprived for example health, housing, education, high unemployment, low incomes, women and youth inequity. Other issues include the low community participation in research and resource management planning and policy.

Good Governance & Stakeholder Participation

Is still worth fighting to conserve the biodiversity in the Mediterranean Basin? The Mediterranean Initiative, a new WWF's challenge

Event Number: 276 Organiser: *WWF Italy*


9:30 – 11:00 Room 120 Capacity: 75 Type: Aliances Workshops

Mediterranean is one of the most complex regions on Earth in terms of its human history and geographic patterns of biological diversity. Given the high conservation value of the region, five WWF National Offices (France, Greece, Italy, Spain, Turkey) and the Mediterranean Programme Office (MedPO) have developed a framework strategy, aimed at ensuring a meaningful and productive coordination of the efforts toward an efficient and effective conservation of the Mediterranean Region.

The strategy, which has been developed following the WWF Standards of Conservation Project and Programme Management, is based on four major pillars:

Land use governance and economic sectors driving land use change (urban and tourism development, transport/water/energy infrastructures, agriculture & forestry) assign a high value to the natural and cultural landscapes of the Mediterranean, and make an explicit objective of the conservation of biodiversity and ecosystem functions, including resilience to climate change.

Water security is guaranteed through the general adoption of an integrated river basin (or water catchments) management approach and effective water saving in the largest use sectors (agriculture, energy, household/tourism). Marine resource management and economic sectors driving marine resource use (fisheries, tourism, shipping, energy, and pollution management) implement an ecosystem-based approach, including ecoregional scale marine spatial planning.



Natural resource-based markets, including fish, agriculture and tourism, create a constant incentive for the conservation of, and investment in, natural capital (preserved landscapes and functional ecosystems as a key asset for the market sector).

Through an interactive workshop, the audience will be invited to evaluate the overall approach of the strategy, to highlight opportunities and weaknesses, and to identify potential partners. Suggestions, technical comments and any other workshop outcome will be used to refine and finalize the strategy.

Environment, Conflict, and Peacebuilding: Sharing Lessons and Building Networks

Event Number: 610 Organiser: *Woodrow Wilson International Center for Scholars and United Nations Environment Programme*

11:30 – 13:00 Room: 128 Capacity: 75 Type: Combined Workshop

Environmental degradation can be a contributing factor in social conflict that is sometimes accompanied by violence. Pollution, natural resource depletion, and rapid conversion of coastlines, wetlands, watersheds, and forests can have dramatically negative consequences for communities dependent on them for livelihoods and ecosystem services. Environmental protection initiatives can trigger conflict and controversy, particularly when local communities are not consulted about the terms of their access to natural systems. Violent conflict often carries a heavy cost for the natural environment. But can environmental cooperation serve as a peacebuilding tool?

The environment offers useful qualities for peacebuilding and transforming conflict. Environmental challenges ignore political boundaries, require a long-term perspective, encourage local and nongovernmental participation, and extend community building. Cross-border environmental cooperation is often difficult to achieve, whether the borders involved are between states, or cultural, economic and political boundaries between different social groups. But where cooperation does take root across such boundaries, it may enhance trust, establish cooperative habits, and form a critical foundation for post-conflict recovery. Natural resources in this context are not luxury items for peaceful and stable countries but critical livelihood foundations to sustainable peace. A growing array of initiatives around the world—shared river basin management plans, regional seas agreements, peace parks and joint environmental monitoring programs—are experimenting with efforts to break negative links between environment and conflict while strengthening links to peace.

This panel will highlight the latest cases where environment and natural resource management are contributing to peacebuilding and conflict prevention. The session will pay special attention to contributions from the UN Environment Programme's Post-Conflict and Disaster Management Branch and its experience in countries such as Sudan, Afghanistan, Rwanda, and DR Congo. Discussion outcomes will focus on lessons from ongoing efforts, creating deeper networks of environmental peacebuilding programs, and systematically analyzing environmental management's peacebuilding possibilities.

Participation in Practice: Participatory Environmental Planning in the Seymareh River Basin.

Event Number: 676 Organiser: *Shahid Beheshti University*

14:30 – 16:00 Room: 114/9/ Capacity: 12 Type: Knowledge Café

This paper describes the condition, sources of pollution, potential actions and solutions for implementing participatory planning for the Seymareh River from the point of view of non-governmental organizations (NGOs), local community leaders and government agents. The aim of this paper was to explore how environmental problems can provide an information key for planning and developing the management system for the Seymareh River basin. In this regard, the methodology for developing platform was participatory action plan development (PAPD) and involves a series of linked local workshops where different stakeholders participate separately and together to develop a management plan for the common aquatic resources they use. As the results show, enhancing public awareness of options for integrated river basin management and developing and strengthening at the local level, as appropriate, research and monitoring capabilities pertaining to the conservation of the Seymareh River basin are determined, especially in relation to environmental health parameters. The availability of finances, generation and availability of information and cooperation among stakeholders were all addressed as challenges to its implementation by participants for effective management (planning) in the Seymareh River basin.

How to succeed in a changing world: Leading change in water resources management

Event Number: 1530 Organiser: *IUCN - Water Programme*

09:30 – 11:00 Room: Plenary B Capacity: 1000 Type: Global Thematic Workshop

This workshop is a call to action by leading global authorities and inspirational speakers on driving organizational and societal change in the water sector and beyond. The discussion will centre on lessons for conservation from change models emerging from the 6 year Water and Nature Initiative. The objective is to get people thinking about conservation and innovation in natural resources management as change processes, where the behaviour of people and organisations are the focus. Using examples from water resources management, the workshop will examine strategies for overcoming commonly encountered resistance to new ideas and methods.

The aim is to enrich/change individual thinking and decision-making – by providing conceptual input on change processes and change management, participants will be able to take a different perspective to their work and decisions they make.

Finding innovative solutions for the world's largest rivers to balance ecology and inland waterway transport

Event Number: 2507 Organiser: *MAVA Foundation - WWF International, Danube-Carpathian Programme*

14:30 – 16:00 Room: 133 Capacity: 75 Type: Donor Event

Waterway infrastructure development and natural river ecosystems have been considered to be 'natural born enemies' for decades. Currently, more than 1000 km of the Danube's last-remaining, untouched river sections are under serious threat from European inland waterway infrastructure plans. Using inland waterway transport as an example, this workshop will highlight WWF's work to halt the threats, and promote sustainable alternatives, stemming from Europe's expansive development plans for the Danube River. The workshop aims to bring together conservation, policy, and business interests, and will show how innovative solutions support Integrated River Basin Management (IRBM). Key ideas will be discussed in the context of different international river basins.

WWF hold an open discussion on:

- How to survive in a conflict field that requires both strong opposition campaigns and cooperation/alliances for innovative solutions.
- What are the key elements that make the problem visible to a wide range of audiences?
- How can an environmental NGO demonstrate that inland waterway transport does not necessarily have to be a major threat, but can even be an opportunity for the region and its people?
- What are our recommendations on alternative technical and logistic solutions to traditional navigation measures?
- What can other regions learn from WWF to become a key NGO for inland waterway transport in their own river basin?
- Based on WWF's 15 years of experience in the Danube region, what are the key elements for success or failure of IRBM?


Global Issues & Climate Change

Linking climate change adaptation practice and policy in Eastern and Southern Africa

Event number: 1545 Organiser: *IUCN - Forest Conservation Programme and East and Southern Africa Regional Office*

09:30 – 11:00 Room: 134 Capacity: 75 Type: Global Thematic Workshop

The rural poor and disadvantaged communities are particularly vulnerable to the adverse effects of climate change, including climate variability and weather extremes, as their livelihoods often rely on climate-sensitive sectors such as agriculture and local natural resources. This might hinder the achievement of development and poverty-reduction goals, unless vulnerable countries and communities are assisted in becoming more response-capable. Development interventions from the local to the national level should therefore be designed in a way that helps to reduce vulnerability and enhance adaptive capacity.



However, climate change is still seldom taken into account in natural resource management and poverty reduction related development interventions and national policies, often due to a lack of quantitative, site specific information on climate change, a lack of climate change awareness and understanding amongst decision makers and development project planners, a low capacity to assess and address climate change risks and vulnerability, and a lack of short term incentives to implement adaptation strategies.

In the last couple of year, many governmental and non-governmental organisations have developed innovative tools and frameworks and have partnered together to mainstream climate change adaptation in their development efforts, and a lot can be learned from these various experiences.

Working with multilateral institutions, donor countries, developing country governments, NGOs and vulnerable communities, IUCN aims to raise awareness and build capacity to mainstream climate change adaptation and risk reduction in development interventions and national policies. In partnership with the International Institute for Sustainable Development (IISD), the Stockholm Environment Institute (SEI) and Intercooperation, IUCN developed a Community-Based Risk Screening Tool – Adaptation and Livelihoods (CRISTAL), designed at integrating risk reduction and adaptation strategies into development projects.

This workshop will facilitate the sharing of knowledge and tools for climate change adaptation and will aim to enhance capacity and partnerships for mainstreaming climate change adaptation in development interventions and decision-making at local and national levels.

Aporte de soluciones practicas para que los pobladores de una cuenca hidrografica logren vivir en un ambiente sano y equilibrado

Event number: 635 Organiser: *Asociación Civil los Algarrobos*

14:30 – 16:00 Room: 114/7 Capacity: 12 Type: Knowledge Café


1. Presentación del tema con el apoyo visual de imágenes entregadas en una carpeta a cada uno de los doce participantes de la mesa. Estas imágenes serán fotografías de la Cuenca del Río Grande, Quebrada de Humahuaca (Jujuy-Argentina): paisajes, el río, los pueblos, su gente (la mayoría de étnica aborigen en actividades propias de su cultura).
2. Luego se analizaran imágenes con ejemplos de las lesiones que se están produciendo en el ambiente de la cuenca como ser: contaminación de tierras y aguas por el uso de agroquímicos, deforestación de riberas de ríos, lo que provoca inundaciones, tala de los pocos árboles de la zona para uso como leña, desertificación de los campos por el sobre pastoreo. Además de residuos no biodegradables al costado de las rutas, residuos no tratados en los basureros municipales, derrame en los ríos de aguas cloacales de los pueblos, daños provocados por los turistas en los sitios arqueológicos, contaminación urbana con construcciones que no son típicas de la zona, antenas parabólicas y carteles comerciales inapropiados. (La Quebrada de Humahuaca es Patrimonio Cultural y Paisajístico de la Humanidad).
3. Se entregaran tarjetas rectangulares a cada participante solicitándoles que respondan en cada una de ellas a la siguiente pregunta ¿Qué acciones serian necesarias emprender para dar solución a estos problemas?
4. Se colocaran todas las tarjetas en la mesa y con la participación de todos los presentes se eliminaran las ideas repetidas y las que no son relevantes al tema. Luego se agruparan las tarjetas por categorías (Ej.- desertificación, contaminación de aguas, etc.). Se colocaran tarjetas redondas para denominar cada categoría.
5. En pequeños grupos se analizaran los contenidos de cada categoría y se dará forma a las conclusiones por escrito.
6. Cada persona recibirá un cactus miniatura como prueba de agradecimiento por su participación.

Can the Amazon resist Climate Change? Indigenous territories and Parks offer hope and an integrated approach to biodiversity, sacred sites and livelihoods

Event number: 437 Organiser: *Fundación Gaia Amazonas*

18:30 – 20:00 Room: 122 Capacity: 75 Type: Aliances workshop

According to most climate change models, the Amazon will be affected by widespread savannization during the next 50-100 years. In the most pessimistic scenarios, the Amazon biome will be conserved only in Colombia, Venezuela,



Ecuador, northern Peru and the extreme northeast of Brazil, where the Andes and the Guyana Shield will maintain a certain level of humidity.

This event looks at three different approaches in the Colombian Amazon, where indigenous territories (resguardos) and National Parks are working together to conserve biodiversity, protect sacred sites and traditional practices, and ensure the sustainable livelihoods of local indigenous peoples. As a result, new models of protected areas are being developed.

In the Alto Fragua Indiwasi National Park, the Kofán people have established a sanctuary for medicinal flora; while in the Cahuinari National Park a co-operative agreement was reached with local Miraña communities. Indigenous communities along the Pirá Paraná and Apaporis Rivers are also looking for greater protection for their ancestral territory, as sacred sites within the resguardo are threatened by mining activities.

With presentations by indigenous people and government, the workshop invites wider debate on how climate change solutions, for the Amazon and elsewhere, need to integrate biodiversity and the associated knowledge and livelihoods.

Water Pavilion Events

Networking and Coffee

Organiser: *IUCN Water Programme*

9:00 – 10:00 Capacity: 200 Type: Coffee Hour

Integrated Water Resources Management in Practice – The case of the Komadugu Yobe Basin

Organiser: *IUCN West and Central Africa (IUCN PACO)*

10:00 – 11:00 Capacity: 30 Type: Pavilion Event

Climate Change in Lake Chad, Niger Basin and Senegal Basin

Organiser: *IUCN West and Central Africa (IUCN PACO)*

11:00 – 12:00 Capacity: 30 Type: Pavilion Poster Event

1. One Poster will present the issues at stake in quick glance. Lake Chad Basin suffers from 6 major problems that have many causes as well as consequences. A poster will be showing this.
2. Another poster will be dealing with the transboundary problem of the Lake Chad Basin as related to the water body
3. The third poster will be presenting the uniqueness of the Lake Chad Basin and its Ecosystems of as home to 37 millions of people and numerous animal and plant species
4. The fourth poster will be showing the effect of climate in Lake Chad water body as its size shrunk over time due to rain fall variation and other climatic and anthropogenic action
5. The fifth poster will be presenting the Water management outline situation in lake Chad Basin

Sharing experiences in transboundary waters management – options for multi-level stakeholders' mobilization

Organiser: *Project for Improving Water Governance in the Volta River Basin (PAGEV), IUCN West and Central Africa (IUCN PACO)*

12:00 – 13:00 Capacity: 30 Type: Pavilion Event

Follow up on " How to succeed in a changing water world: leading change in water resources management" (Session 1530)

Organiser: *IUCN Water Programme*

13:00 – 14:30 Capacity: 30 Type: Pavilion Event

The IUCN Water and Nature Initiative is focused on instilling change throughout water and related sectors at national and regional levels. "Leading change in water resources management" at the World Conservation Congress will provoke people to think about approaches to conservation and specifically water management as change processes that will benefit from strategic approaches to managing change.



Environmental Flows in the Pangani Basin

Organiser: *IUCN East and Southern Africa Programme (IUCN ESARO)*

14:30 – 16:00 Capacity: 30 Type: Pavilion Event

The Pangani Basin Flow Assessment (FA) is an initiative of the Pangani Basin Water Office (PBWO) and International Union of Conservation of Nature (IUCN). Running from 2005 until 2008, it brings together a core team of Tanzanian specialists in a range of disciplines related to rivers – biophysical, social, economics, water management and policy making and an international team of flow-assessment specialists.

The task was to develop an understanding of the hydrology of the Pangani River basin, the flow-related nature and functioning of the river system and the links between the river and social and economic value of the river's resources. Then create scenarios of the possible basin management/development paths into the future for consideration by the water authorities and other stakeholders.

Results of this assessment and what it means for decision makers will be presented and discussed in this session.

Environmental Flows and human well-being

Organiser: *WWF, Swedish Water House, EflowNet*

16:00 – 17:00 Capacity: 30 Type: Pavilion Event

Water and Wetlands - key issues and future challenges: Ramsar Convention COP 10 and beyond

Organiser: *Ramsar convention on Wetlands*

17:00 – 18:00 Capacity: 30 Type: Pavilion Event

Key issues and future challenges for water and wetlands will be presented by the Ramsar convention for Wetlands. This includes issues involving water, wetlands, agriculture and human health with the added factor of climate change impacts. The 10th Meeting of the Conference of the Contracting Parties will take place in Changwon, Korea from October 28th to November 4th. This is a chance for IUCN members and partners to learn more about the Convention and what will be happening at COP 10.

RULE: Water Law in a national context

Organiser: *IUCN Environmental Law Centre*

18 :00 – 19 :00 Capacity: 30 Type: Pavilion Event

RULE is one of a series of books produced by IUCN Water and Nature Initiative with major contribution from ELC. The goal of this book is to contribute to “greening” water governance; in other words, to provide for the incorporation of environmental considerations into water policies, laws and institutions. RULE is a user friendly guide, with a sufficient level of generality to be used by non-lawyers, clearly explaining the legal and institutional arrangements in the water sector, and offering guidance to managers and decision makers confronting critical governance issues. RULE also provides the instruments to trial and test the water laws and policies at the national and sub-national levels, and the tools to update them, when necessary.

- An Introduction to RULE (global water programme)
- The role of law in water governance (ELC)
- One or two case studies from a region or a country (ELC & selected regional offices?)
- Plenary Discussion

In the Shadow of Kilimanjaro

Organiser: *IUCN East and Southern Africa Programme (IUCN ESARO)*

19:00 – 19:30 Capacity: 30 Type: Pavilion Event

Beneath Mount Kilimanjaro's majestic peak, there's a growing struggle over scarce water supplies in East Africa. Nearly four million people depend on Tanzania's Pangani river for their water. But poor rains and increasing demand have left the land, dams, people and their herds thirsty for water.

The BBC's Earth Report investigated the root cause of the shortages and conflicts - and looked at a new strategy to share out the precious waters of the Pangani river basin.



Tales of Water in the Pangani Basin

Organiser: *IUCN East and Southern Africa Programme (IUCN ESARO)*

20:00-20:30 Capacity: 30 Type: Pavilion Event

Tales of Water in the Pangani Basin is a film that depicts the interaction of children with their water environment.

Visit the Water and Forest Pavilion for Happy Hour

Organiser: *IUCN Water and Forest Programme*

18:30 – 21:30 Capacity: 150 Type: Pavilion Happy Hour

Come share experiences, learn and network at the Water and Forest Pavilions

Ecosystem Services & Water Security

Action in Sustainability: thinking globally, acting locally

Event number: 1057 Organiser: *a natural resource*

09:30 – 11:00 Room: 114/9 Capacity: 12 Type: Knowledge Café

Community-based Watershed Initiative in this UN-designated International Decade for Action and Environmental Education

Action in Sustainability is a community-based project which demonstrates how our human resource demands can be managed within ecological constraints. Using an inter-disciplinary process, we can specifically assess risk to human health from resource use practices, and explore the similarities and interactions between our human needs and those of the ecosystems in which we all must live together. Through a unified management approach to maintain and preserve our hydrologic systems, the flows of water that connect all water users can serve as a basis for the maintenance and protection of our valuable watersheds, sustaining watersheds and the people who need them.

Projects include:

- Water to Drink - The Book
- Watershed Technical Assistance, Education and Training
- A Systems Approach to Science - Implementing Action in the Classroom
- Unified in Our Diversity
- Voices For Water

Take Pride in the East Calcutta Wetlands

Event number: 668 Organiser: *Prakriti Trust*

12:00 – 12:30 Room: Cinema Capacity: 250 Type: Conservation Cinema

The East Calcutta clusters of wetlands, the only Ramsar site of West Bengal, were largely dominated by the halophytic vegetation during early 1930s. Later on a gradual change has been taken place that resulted in change of water quality from polyhaline condition to almost fresh water (see Ghosh and Sen, 1987) with a change in the profile of flora and fauna. But the major achievement was the utilisation of these bheries for city sewage treatment. This saves several crores of rupees that would have been required for city sewage treatment. It is also providing a steady economic return from pisciculture, agriculture and paddy cultivation. All these have been possible through community participation with an age-old traditional knowledge. This wetland site is globally well known as one of the 17 case study sites for understanding wise use of wetlands. These wetlands are responsible for clean climate in the Calcutta Metropolis. But these clusters of wetlands having 286 bheries covering about 3500ha water area is now facing tremendous anthropogenic pressure leading to acute teneural problem and quantitative effects of these developmental pressure leads to shrinkage of these wetlands. Impacts of these changes have reflected from dwindling of plants and animals which were once common have gradually been lost, and species once found in these localities are shifted from their earlier locations. Present project has been framed to represent the unique properties of the East Calcutta wetland systems and the estimated threats and steps to be taken for further conservation.


Aquatic and Wetland plants - In harmony with Mankind

Event number: 667 Organiser: *Prakriti Trust*

15:00 – 15:30 Room: Cinema Capacity: 250 Type: Conservation Cinema

Wetlands of West Bengal covering only about 8.5 % area of India support 60 % of the wetland plant diversity. Survey done in the 18 districts of West Bengal, India, reveals that still in this hi-tech era of globalization, traditional practices based on wetland plants provide livelihood support for about 2.4 million people. *Typha elephantina*, *Aeschynomene aspera*, *Cyperus pangorei*, *Euryale ferox*, *Colocasia esculenta*, *Ipomoea aquatica* and several others aquatic and wetland plants grow abundantly in waterlogged soils.

Marketable surpluses obtained from these crops provide subsistence to the rural community and help to survive rural unemployed persons. In-situ conservation of the wetland plants and their habitats also supports preservation of biodiversity.



Commercial rain shed and mat prepared from hogla-leaf is obtained from (*Typha elephantina* and *Typha domingensis*) The net profit earned is about Rs. 5,000/ha/yr (for mats) and Rs. 9,000/ha/yr (for rain-sheds) respectively. Commercial shola pith is obtained from *Aeschynomene aspera* in West Bengal. One can earn INR 5000 from a raw material of Rs. 200 providing self-labour.

Commercial Matstick is obtained from *Cyperus pangorei* and *Cyperus corymbosus*. Net profit earned from cultivation of madurkathi is about INR 1,00,000/ha/yr (USD 2,273). It has been estimated that a five-member rural family managing wetland area of 2,000 ft² can expect a return of about INR 1,250 to 1,500 per growing season.

Makhana (*Euryale ferox*), seeds are edible and fried seeds, or puffs, are extremely nutritious, consisting of 77% easily digestible starch. More than 96,000 ha of the wetlands distributed in North Bihar are managed for makhana cultivation. The net selling value of the edible puff reaches up to INR 1,07,400/ha (approximately USD 2,330). Cultivation and management of minor wetland crops also provide subsistence for wetland dwellers. Traditional practices of non-conventional Wetland resource management in West Bengal is a unique example of poverty elimination.

For environmental health and wealth: conservation through use of biodiversity

Event number: 514 Organiser: *European Sustainable Use Specialist Group of IUCN-SSC*

16:30 – 18:00 Room 129 Capacity: 75 Type: Aliances workshop

Is it enough just to aim to halt the decline in biodiversity? Do you think conservation is mainly about protecting species and areas? To have more food and biofuels, are we condemned to “landscapes with small islands of biodiversity in a sea of agriculture”? Do you think that people are the problem rather than the solution?

If you say “yes” to those questions, we would like to engage with you in this workshop. If you say “no”, come and discover how using wildlife sustainably benefits livelihoods and conservation. Our panel members will tell you about wild plant products, edible fungi, hunting, angling and bird-watching, from a recent survey of wildlife-related activities across the 27 EU states. You will learn how:

- Tens of millions of people spend tens of billions of Euros on using wild resources
- Wild fungi are a huge sustainable wild resource from diverse woodlands
- Community-based conservation messages from Africa can help Europe
- Social tools based on CBD may be the keys to A Diverse and Sustainable World

We will discuss with you restoring diversity of species through enhancing diversity of use, in the vast majority of land and water outside strict protection. We will reveal the governance best for production, culture and livelihoods that use wild species as well as cultivars, [in landscapes that also underpin regulating and supporting services of ecosystems]. Survey results will show how work of SUSG can deliver appropriate knowledge within and beyond IUCN.

We want to show that sustainable use is not merely about avoiding threats, but about innovative use-based opportunities to restore lost biodiversity. What pays, stays.

Good Governance & Stakeholder Participation

Replicable models of participatory water management in the Thar desert, India

Event number: 1071 Organiser: *Jal Bhagirathi Foundation*

09:30 – 11:00 Room: 114/11 Capacity: 12 Type: Knowledge Café

Jal Bhagirathi Foundation has provided support to communities of the Thar desert in India, in solving the water crisis through promotion of a gender sensitive approach and reviving traditional water management practices. JBF recognises that sustainable solution to drinking water problem can be realized if people take control over the development of common pool resources in their village. Development efforts include building and strengthening of people’s institutions and support for establishment of appropriate people’s governance systems at the village level. A four-tiered system of community institutions has been created for management of scarce water resources. The Foundation organizes these institutions in such a way that the priorities and interests of especially the poor households and women are effectively addressed. In the process a “Community Led Water Management System” has been evolved and as an outcome of the interventions, water which is perceived by the community as a social right, rather than as a scarce resource is now being managed locally as a socio-economic good in the project villages in order to ensure its effective use.



Waiapu Koka Huhua (Waiapu Mother of Many): A community approach to enhancing ecosystem health with traditional knowledge and collaboration

Event number: 1223 Organiser: *He Oranga mo nga Uri Tuku Iho Trust*

14:30 – 16:00 Room: 114/9 Capacity: 12 Type: Knowledge Café

This knowledge cafe session will explore reciprocity frameworks and the roles traditional knowledge and science methodologies have in progressing a community's sustainable development program and enhancing environmental health and cultural wellbeing. This interactive session requires participants to actively contribute to the session by sharing their communities' experiences.

Key discussion points will consider:

- Is sustainability a key concept or vision of your community?
- How do communities reconnect with their environments?
- How do communities value water?
- What have been key capacity needs of communities? And how have these been met?
- How do/ have/can communities organise themselves to lead and implement restorative initiatives?
- Unique evaluation and environmental monitoring approaches?

The key facilitators will utilise the Maori Community Goals for Enhancing Ecosystem Health research project as a NZ community case study of collaborative research between a Maori rural community and government science/ research institute.

Do we need a legal framework for water and lake management at global scale?

Event number: 1121 Organiser: *Global Nature Fund*

16:30 – 18:00 Room: 125 Capacity: 75 Type: Alliances Workshop

Based on interactive dialogue techniques participants of this workshop will discuss the question whether there is a need for a legal framework for water and lake management at a global scale. Existing approaches such as the European Water Framework Directive and the World Lake Vision which was initiated by the International Lake Environment Committee (ILEC) will built a starting point for this discussion.

Freshwater resources, lakes and wetlands and their ecosystems services are faced by increasing threats from human impacts including pollution from agricultural run offs, domestic waste and industrial sewage, land use change for agriculture and urban and industrial land use, water over use for agriculture, industry and domestic households, invasive species, and climate change. It seems that local and national strategies are not sufficient to tackle these issues of global importance.

International conventions like RAMSAR, the Convention on Migratory Species (UNEP /CMS) and the Convention on Biodiversity are related to the conservation of water bodies, but up to now they have not been able to provide sufficient protection for these vulnerable ecosystems. An international governance structures focusing on integrated management of water bodies with a binding legal framework and agreed objectives and timetable for implementation could be an important step for the conservation and sustainable use of freshwater resources and lake ecosystems.


Water Management & Environmental Flows

Water? What Water? Challenges and solutions to improve the designation, management and design of protected areas for freshwater conservation

Event number: 1101 Organiser: *The Nature Conservancy*

09:30 – 11:00 Room: 114/13 Capacity: 12 Type: Knowledge Café

Freshwater ecosystems are poorly represented in protected areas worldwide. The design and management of these areas often do not adequately address the needs of freshwater habitats and species or the ecosystem services they provide. Examples from Spain, the United States, and South America will reveal the common gaps in freshwater ecosystem representation and illustrate the challenges in designating, designing, and managing protected areas for freshwater conservation. Café organizers will summarize methods and tools that advance freshwater conservation in protected areas and identify the most urgent needs not being addressed, beginning a conversation for all participants. Café participants are invited to discuss the most significant barriers to representing and achieving more effective conservation of freshwater ecosystems in protected areas, and ideas and opportunities to overcome them. With



knowledge gained in the café, an open-access internet workspace will be developed afterwards to continue sharing new ideas, knowledge, case studies, and other resources among a network of global freshwater conservation researchers, practitioners and protected area managers. Overall, the café will deliver a current picture of the challenges and opportunities for strengthening freshwater conservation in protected areas to the broader audience of governments, practitioners and researchers.

Protecting Freshwater Ecosystems and Meeting the Needs of the World's Growing Urban Population

Event number: 1102 Organiser: *The Nature Conservancy*

16:30 – 18:00 Room: Plenary B Capacity: 1000 Type: Aliances Workshop

Urban populations are growing rapidly; 60% of humans are expected to live in cities by 2030. Urban growth has serious implications for nearby watersheds. Water withdrawals, wastewater and storm water inputs, and loss of natural vegetation all impact the health of freshwater ecosystems. As freshwater ecosystems are degraded from urban impacts, socially-valued ecosystem services such as recreation, tourism, fishing, wildlife viewing, and the natural water purification capacity of healthy rivers, lakes, wetlands and estuaries are severely diminished. However, there are new tools and approaches to help ensure healthy waters for people and biodiversity and promote sustainable livelihoods as our global population continues to grow. This session will share the latest experiences and thinking on market and other mechanisms for preservation of freshwater supplies to help meet the Millennium Development Goals (MDGs), ensure water security and further the economic vitality of growing urban communities. The session will highlight lessons learned from “water funds” that link water users with conservation in watersheds. The session will also share experiences on the role of national protected areas and municipal reserves in conserving high value hydrological resources as part of payment for environmental service schemes. The session will also explore certification as a vehicle for recognizing entities that are doing an outstanding job of protecting watersheds. Efforts by the private sector on water neutrality will also be discussed as companies in and around the watersheds depend on healthy and sustainable water sources. The session will foster dialogue and discussion among participants on demonstrating ways of achieving freshwater biodiversity conservation and human welfare benefits.

Global Issues & Climate Change

Community-based approaches to climate change adaptation in wetland ecosystems

Event number: 1130 Organiser: *Wetlands International*

09:30 – 11:00 Room: 113 Capacity: 75 Type: UNDP Poble

Wetlands have a key role to play in adaptation to the effects of climate change. Their conservation and restoration increases resilience to among others increased droughts, salt water intrusion and extreme events such as storms and floods. This leads to decreased vulnerability and improved development opportunities for poor communities and increases the chance of survival of plants and animals in a warming world. Conservation and restoration of wetlands is not only attractive from the perspective of climate change adaptation. It also ensures conservation of biodiversity and the future existence and rehabilitation of important environmental goods and services on which more than one billion poor people depend. In its efforts to accomplish adaptation to the effects of climate change and maintain and restore wetland ecosystems for their economic and environmental values, Wetlands International implemented a large number of community-based integrated conservation and development initiatives.

The objective of the workshop is to share experiences among organisations on community-based wetland conservation initiatives that aim to accomplish climate change adaptation. Through short presentations on case studies, representatives from different sectors will introduce their work. This will be followed by an interactive discussion which will focus on the following issues:

- What are the benefits of community-based conservation and restoration projects that reconcile environmental conservation and sustainable development? What are hurdles to be taken?
- How to find an optimal balance between conservation and development?
- How to accomplish long-term sustainability of community-based adaptation projects?

The event will lead to increased understanding among participants on priorities, approaches and experiences within different sectors. It will also contribute to the formation of multi-sectoral partnerships in the effort to accomplish adaptation for both nature and people.



Water and climate change debate: What use is nature for people and development?

Event number: 1544 Organiser: *IUCN*

11:30 – 13:00 Room: 115 Capacity: 325 Type: Global thematic workshop

The session will feature a debate which poses some controversial questions around investment in climate change, development and adaptation strategies. The first part of the debate will look at the importance of climate change in the context of water resource development, such as providing water and sanitation for increasing populations, and ensuring adequate water for agriculture. The second part of the debate will consider whether investments in adaptation to climate change should be made in engineered or natural infrastructure. Outputs of this debate will be used in the preparatory processes for the 5th World Water Forum.

Impacts of Trade and Climate Change: Bringing Together the Stakeholders

Event number: 1132 Organiser: *Center for International Environmental Law*

14:30 – 16:00 Room 114/1 Capacity: 12 Type: Knowledge Café

The impacts of trade and climate change are not confined within any nation's borders. No nation can adequately deal with their causes & effects without cooperating with others. It is imperative that policies at state, federal & local levels favour efforts to deal with climate change rather than restricting them. This is not likely to happen without input from civil society.

The Center for International Environmental Law (CIEL) aims to bring together the various stakeholders working on the international economic legal framework with those working on climate change. The inter-linkage between climate change & trade can only be addressed if these two communities communicate. These stakeholders include individuals, local communities, NGOs, IGOs & national governments. CIEL will use its legal expertise to work with the stakeholders in addressing the serious challenges that climate change & the multilateral economic framework present. The goals of this workshop are to: 1) Bring together & establish partnerships among the stakeholders working on the international economic legal framework & climate change; 2) Ensure sufficient policy space for stronger environmental policies in international economic law & institutions; and 3) Protect the Earth's climate system & promote the adoption of renewable energy technology for sustainable development, using international law & institutions.

Water Pavilion Events

Networking and Coffee

Organiser: *IUCN Water Programme*

9:00 – 10:00 Capacity: 200 Type: Coffee Hour

Freshwater Biodiversity and environmental flows

Organiser: *IUCN Freshwater Biodiversity Unit, IUCN Species Programme*

10:00 – 10:30 Capacity: 30 Type: Pavilion Event

The IUCN Species Programme is implementing a Global Freshwater Biodiversity Assessment which collates and makes available extensive information on species distributions (GIS maps at river catchment scale), ecology, threatened status (IUCN Red List), utilisation, economic value, value to livelihoods, and input to ecosystem services. We would like to discuss how that information might be employed in the development of Environmental Flows. Specifically, we would like to discuss the spatial resolution and format of the data which would be most useful for developing Environmental Flows.

Launch of integrated wetland assessment toolkit

Organiser: *IUCN Freshwater Biodiversity Unit, IUCN Species Programme*

10:30 – 11:00 Capacity: 30 Type: Pavilion Event

Wetland assessments seldom take account of the full value of wetlands. Assessment tends to focus solely on biodiversity (to meet conservation objectives) or socioeconomic values such as for local livelihoods or economies - multi-disciplinary approaches are seldom employed, not least because they are difficult to implement. IUCN Species and the University of East Anglia will shortly be publishing "A Toolkit for Integrated Wetland Assessment" which provides guidance on the assessment methods employed by both conservation and social scientists, and on how a multi-disciplinary wetland assessment might be conducted. It aims to assist in overcoming the current methodological



and information gaps in wetland planning, and in factoring wetland values into conservation and development decision-making and management planning.

Information session on the Environmental Flows Network and demonstration of the website (www.eflownet.org) in English and Spanish

Organiser: *EflowNet, IUCN Water programme, IUCN ORMA*

11:00 – 12:00 Capacity: 30 Type: Pavilion Event

The aim of the Environmental Flows Network (EflowNet) network is to integrate Environmental Flows (eflows) into standard practices for the management and use of river basins. In order to do so, our goals are to:

- facilitate communication, capacity building and education to expand the recognition and adoption of eflows globally
- lift the eflows concept out of technocratic and academic circles and make it accessible to managers in river basins, policy makers, NGOs, - governmental and international agencies, local communities and the wider public
- bridge the gap between science, policy and implementation by encouraging a broad dialogue on putting eflows into practise

Come and learn about the Network and see a demonstration of the tools available on www.eflownet.org in both English and Spanish.

International Water Management: Water Law in a Transboundary Setting

Organiser: *IUCN Environmental Law Centre*

12:00 – 13:00 Capacity: 30 Type: Pavilion Event

Water flows beyond boundaries. With increasing water shortage in many parts of the world, the issue of managing shared water resources becomes a prominent issue. ELC, together with the Global Water Programme and IUCN East African Regional Office, is in the process of developing another publication within the Water and Nature Initiative toolkit series. This toolkit, called SHARE, will be targeting water practitioners, for whom it provides an overview of the world's shared water resources, and, drawing from case studies around the world, describes and analyzes the legal frameworks, institutions, joint management interventions, and financing and partnership strategies that have been developed and used to support the joint governance of trans-boundary waters.

- An introduction to transboundary watercourse management and the role of law (ELC)
- Specific cases presented

Experiences from Western Africa-Volta River

Experiences from Central America

Follow up on the "Water and climate change debate: What use is nature for people and development?" (Event 1544)

Organiser: *IUCN Water Programme*

13:00 – 14:30 Capacity: 30 Type: Pavilion Event

Climate change is a current reality and its long-term impact will have an impact on water resources. However, other more immediate global change such as deforestation, mining, agriculture, and urban sprawl in watersheds, are threatening water resources for more than half the world's people. The Water and Climate Change Debate will pose some controversial questions around investment in climate change vs. development, and types of adaptation strategies such as building engineered infrastructure and rehabilitating natural systems. This session intends to follow up on the debate.

Vídeos introductorias sobre experiencias de la Iniciativa del Agua y la Naturaleza en Mesoamérica

Organiser: *IUCN Central America (IUCN ORMA)*

14:30 – 14:45 Capacity: 30 Type: Pavilion Event

Vídeos de experiencias

Se presentan una serie de vídeos cortos con tomas de varias cuencas mesoamericanas donde se está realizando un trabajo de gestión integral con el enfoque de ecosistemas. Además se presentan testimonios (entrevistas) de las

personas beneficiadas con este enfoque de trabajo durante los cuatro años de duración de los proyectos demostrativos de campo en El Salvador, Guatemala y México.

Conversatorio sobre lecciones aprendidas de WANI en Mesoamérica y futuros pasos: Personal de ORMA más miembros de UICN socios en los proyectos sobre gestión del agua en Mesoamérica

Organiser: *MARN Guatemala; SEMARNAT México; ARMSA; SHNS; Fundación Solar; Fundación Natura Panamá*

14:45 – 15:15 Capacity: 30 Type: Pavilion Event

Panel de discusión sobre lecciones aprendidas

César Reyes (ARMSA); Froilán Esquinca (SHNS), Ottoniel Rivera (UICN), Carlos Rosal (UICN); Rocío Córdoba (UICN)

La Iniciativa del Agua y la Naturaleza (WANI por sus siglas en inglés) dio inicio en la región mesoamericana alrededor del año 2003 donde se comenzaron a llevar a cabo diversas acciones que han permitido empoderar a las comunidades y otros sectores en la toma de decisiones sobre gestión integral de recursos hídricos (GIRH). Durante esta primera etapa de la WANI, además se han implementado en el campo dos proyectos demostrativos piloto en los cuales se ha aplicado el enfoque de ecosistemas en la gestión de cuencas hidrográficas. A través de este período de 5 años se han aprendido diversas lecciones que permitirán el scale up de experiencias para una mejor gestión de cuencas con la participación de todos los actores. Habrá un panel de discusión sobre estas lecciones aprendidas en el cual tomarán parte personal del secretariado de UICN así como miembros de la UICN que han estado involucrados en todo el proceso tales como la Comisión Nacional de Áreas Protegidas Naturales (CONANP) de México, el Ministerio de Recursos Naturales y Medio Ambiente de Guatemala (MARN), la Sociedad de Historia Natural del Soconusco de Chiapas, México y la Asociación para el Rescate y Manejo Ambiental de Guatemala. La discusión se centrará en las siguientes preguntas:

- ¿Cuál ha sido su experiencia dentro de la WANI desde su inicio y dentro de los proyectos demostrativos?
- ¿Qué lecciones puede extraer de su experiencia?
- ¿Qué considera usted que se puede mejorar para una segunda fase de la WANI en Mesoamérica?

Presentación sobre el ordenamiento territorial, medios de vida, PSA y gestión del agua en Centroamérica. Miembro de UICN: PRISMA El Salvador. Posibilidades de cooperación a la luz de WANI 2

Organiser: *PRISMA*

15:15-15:45 Capacity: 30 Type: Pavilion Event

Agua, ordenamiento territorial y cambio climático (40 min)

Nelson Cuellar, Susan Kandel, Herman Rosa; Ileana Gómez. PRISMA, nuevo miembro de la UICN a partir de 2008 y socio potencial de la segunda fase de WANI

La Fundación PRISMA es una organización salvadoreña cuya misión es la de trabajar por una revalorización social y ambiental de la comunidades rurales dentro de los procesos de desarrollo y su propósito es el de movilizar el conocimiento relevante para acciones e iniciativas que contribuyan a fortalecer los medios de vida rurales mientras se mejora el manejo de los recursos naturales en la región centroamericana. Centroamérica enfrenta enormes desafíos con relación a la pobreza rural y el manejo de recursos naturales. Esos desafíos se vienen abordando bajo una diversidad de enfoques y criterios. Una parte importante de esas intervenciones ha estado enmarcada en el enfoque de manejo de cuencas. Por otra parte, existen otro tipo de experiencias de gestión territorial a escala regional y microregional en zonas rurales, que se están dando bajo una lógica diferente y que están abriendo nuevas opciones de gestión territorial, de manejo de recursos naturales y de diversificación de las estrategias de medios de vida rurales. Por otro lado, la región también una coyuntura caracterizada por el aumento de conflictos sociales derivados de la crisis alimentaria y energética. Dicha crisis está fuertemente vinculada a los impactos del cambio climático que sufre la región, los cuales tienden a ser cada vez más frecuentes e intensos, tal como ocurre con la alteración del régimen de lluvias, las sequías, las inundaciones y los huracanes, entre otros. Esta combinación representa un reto para el manejo de los recursos naturales y especialmente hídricos en la región.

Proyecto Piloto GIRH en la cuenca del río Guayllabamba – Ecuador

Organiser: *FONAG / IUCN South America (UICN SUR)*

15:45-16:10 Capacity: 30 Type: Pavilion Event

La Gestión Integrada de los Recursos Hídricos GIRH es el paradigma actual en la gestión del agua. UICN Sur en conjunto con el Fondo para la Protección del Agua FONAG vienen desarrollando con fondos provenientes del Banco

Interamericano de Desarrollo desde Julio del 2007 las herramientas básicas para la implementación de la GIRH en la cuenca del río Guayllabamba, cuenca en la cual está ubicada la ciudad de Quito. El objetivo es presentar los resultados de esta primera fase del trabajo que culmina a fines de septiembre del 2008 y que se espera continuar con el proceso para lo cual se están gestionando fondos de otras fuentes de financiamiento (CAF, WANI II).

Estrategia Andina de Gestión Integrada de Recursos Hídricos - SGCAN/Instituto Quinaxi

Organiser: *Ernesto Guhl and Instituto Quinaxi.*

16:10-16:35 Capacity: 30 Type: Pavilion Event

La Secretaría General de la Comunidad Andina SGCAN que comprende a Bolivia, Colombia, Ecuador y Perú viene desarrollando la Estrategia Andina de Gestión Integrada de Recursos Hídricos GIRH, el mismo que es parte de la Agenda Ambiental Andina. La SGCAN ha venido apoyando la elaboración de los Planes Nacionales de GIRH (uno de los objetivos de desarrollo del milenio relacionados con el agua) de los países de la Comunidad Andina, asimismo mediante Talleres de consulta a expertos y consultorías viene identificando las líneas prioritarias de trabajo en la temática hídrica de la región tales como Gestión del agua en cuencas transfronterizas, cambio climático y recursos hídricos, etc. La SGCAN expondrá la situación actual de la Estrategia Andina de GIRH

Delimitación y Codificación de Unidades Hidrográficas de de los países de la Comunidad Andina y de Sudamérica

Organiser: *IUCN South America (IUCN Sur)/ SGCAN*

16:35 – 17:00 Capacity: 30 Type: Pavilion Event

Delimitación y Codificación de Unidades Hidrográficas de de los países de la Comunidad Andina y de Sudamérica
Mario Aguirre IUCN Sur / María Teresa Becerra SGCAN

La Oficina Sudamericana de la UICN ha firmado una Carta Acuerdo con la Secretaría General de la Comunidad Andina con el fin de elaborar en conjunto el Mapa de Delimitación y Codificación de Unidades Hidrográficas de Sudamérica a la escala 1:1 000 000 y de las Unidades Hidrográficas de los países de la Comunidad Andina (Bolivia, Colombia, Ecuador y Perú) a la escala 1:250 000.

El objetivo de la charla es presentar de los resultados del mapa de codificación de unidades hidrográficas de Sudamérica y los avances del mapa de codificación de unidades hidrográficas de los países de la comunidad andina.

Presentación de la Secretaría Técnica del Sistema Iberoamericana de Información sobre el Agua

Organiser: *SIAGUA*

17:00 – 17:40 Capacity: 30 Type: Pavilion Event

Durante esta sesión se compartirán experiencias y actividades sobre recursos hídricos que abarcan no solamente la región Latinoamericana sino también su relación con España convirtiéndose en un potencial de trabajo conjunto, ahora en una región iberoamericana. Se dará entonces una presentación del Sistema Iberoamericano de Información sobre el Agua (SIAGUA) así como un panel con representantes del secretariado, los miembros y socios de la UICN en América Latina sobre un potencial trabajo conjunto futuro.

Panel UICN ORMA/SUR respecto a la presentación del SIAGUA y su posible relación con la Iniciativa Latinoamericana y trabajo en WANI 2 para América Latina

Organiser: *IUCN Central America/South America (UIC ORMA/SUR)*


17:40 – 18:00 Capacity: 30 Type: Pavilion Event

Durante esta sesión se compartirán experiencias y actividades sobre recursos hídricos que abarcan no solamente la región Latinoamericana sino también su relación con España convirtiéndose en un potencial de trabajo conjunto, ahora en una región iberoamericana. Se dará entonces una presentación del Sistema Iberoamericano de Información sobre el Agua (SIAGUA) así como un panel con representantes del secretariado, los miembros y socios de la UICN en América Latina sobre un potencial trabajo conjunto futuro.

Actividad conjunta entre Programas de Bosques y Aguas de UICN a nivel global y en la región Mesoamericana

Organiser: *IUCN Water and Forest Programme*

18:30 – 19:00 Capacity: 30 Type: Pavilion Event



Actividad conjunta entre Programas de Bosques y Aguas de UICN a nivel global y en la región mesoamericana

Latin American Happy Hour

“Compartiendo bebidas latinoamericanas: no solamente agua...”

Organiser: *IUCN Central America/South America (UIC ORMA/SUR), IUCN Water and Forest Programme*

18:30 – 20:00 Capacity: 150 Type: Pavilion Happy Hour

Viendo hacia adelante: Happy Hour Latinoamericano: “Compartiendo el espíritu Latinoamericano: no sólo agua...”:
PISCO-GUARO-RON-MAIZ-CACAO

Thursday October 9

Ecosystem Services & Water Security

Okavango: Sustainable Management in the Delta (Okavango Delta Management Plan)

Event number: 3002 Organiser: *IUCN*

11:50 – 12:00 Room: Conservation Cinema Capacity: 250 Type: Conservation Cinemas

Good Governance & Stakeholder Participation

Creando capacidades locales para conservar la Reserva Natural del Iberá, Corrientes, Argentina, un gran humedal con recursos manejados

Event number: 955 Organiser: *The Conservation Land Trust*

09:30 – 11:00 Room: 114/12 Capacity: 12 Type: Knowledge Café

La Reserva Natural del Iberá es una gran cuenca protegida de 1.300.000 hectáreas (categoría VI UICN), creada por ley provincial en 1983. Dado que existe una fuerte tradición local productiva y una pobre vocación conservacionista de la población en general, la conservación de esta área se limitó, desde su creación, al trabajo de un pequeño grupo de guardaparques que ejercía el control de ciertos sitios de interés. Desde 2005, Conservation Land Trust (CLT) está desarrollando un proyecto de conservación del área basado en la compra de tierras a privados, para su posterior transformación en áreas protegidas de acceso público y con categoría II (UICN). A fin de lograr que estas áreas puedan ser conservadas a largo plazo, se delineó una estrategia basada en la restauración de los ambientes naturales de las áreas adquiridas, el fortalecimiento de las instituciones provinciales encargadas del control y manejo del área y la generación de capacidades locales en gestión ambiental. Para el logro de esto último, la estrategia utilizada es la promoción de proyectos ambientales comunitarios. Se encara el trabajo como un proceso a largo plazo que comprende la sensibilización de los actores, la capacitación de los mismos y el acompañamiento en la ejecución de proyectos con la participación de la comunidad. Para este fin se trabaja con distintas herramientas didácticas y de comunicación, entre ellas, 11 documentales educativos para maestros; cursos para maestros y profesionales de la conservación; viajes al área; participación en ferias locales y regionales; elaboración y distribución de folletos, posters, libros; página web; programas radiales; gacetillas de prensa; obras de títeres y de teatro. Las acciones tuvieron repercusión a nivel local, regional y nacional.

Se trabajará en grupos analizando una serie de preguntas en las que cada uno volcará su propia experiencia. Al finalizar se hará un debate conjunto.

Talking about water: Water Dialogues and the private sector

Event number: 1529 Organiser: *IUCN*

11:30 – 13:00 Room: 134 Capacity: 75 Type: Global thematic workshop


This workshop aims to engage participants in thinking about the role of the private sector in multi stakeholder platforms that discuss management of water resources. Participants will actively provide input into a scenario that will produce outputs useful for various dialogue processes. Participants will discuss the best way to develop collaborative relationships with the private sector that are attractive to business yet support social and environmental aspects of water resource development. The Water and Nature Initiative toolkit NEGOTIATE will be used as a stepping stone to initiate discussion. The outputs from this discussion can be applied to a variety of stakeholder forums focusing on water access and rights.

Water Management & Environmental Flows

Tools and techniques for re-optimizing major water management systems to restore aquatic ecosystems and human livelihoods

Event number: 616 Organiser: *The Natural Heritage Institute*

09:30 – 11:00 Room: 133 Capacity: 75 Type: Aliances Workshop



This Aliances Workshop, under the Thematic Stream of Safeguarding the Diversity of Life, will highlight tools and techniques for re-optimizing water management infrastructure for environmental performance and human livelihood benefits. Riverine ecosystems and the myriad species they support are shaped by and dependent on the timing, magnitude, duration, and frequency of flow patterns. Alteration of natural flow patterns and fragmentation of habitat by water storage and diversion projects are the primary reasons that aquatic species are in sharp decline worldwide. However, improving the operation of existing dams is a way to restore these lost functions. The workshop will begin with an introduction to dam re-optimization, with a short viewing of a video animation on the concept, and will be followed by a presentation on rapid assessment tools for identifying the best prospects for hydropower and irrigation dam re-optimization. Illustrative examples will be drawn from collaborative efforts to reoperate the Akosombo dam in Ghana and the Tiga and Challawa Gorge dams in Nigeria. Audience participation will be key to developing an “opportunities list” for dam re-optimization and a synchronized set of initiatives among partner organizations working in the field. The workshop will be presented by NHI and IUCN; other invited co-presenters include the World Bank and UNEP.

The role of regional integration in managing trans-boundary biodiversity resources in Africa

Event number: 1524 Organiser: *IUCN, ESARO & PACO*

11:30 – 13:00 Room: 123 Capacity 75 Type: Global Thematic Workshop

Africa's vast biodiversity resources occupy landscapes and seascapes transcending international boundaries. These resources were and continue to exist as one landscape/seascape in spite of the administrative and political divisions.

Since mid-1980s, Africa has witnessed the emergence of political-economic blocs such as SADC, COMESA, EAC, IGAD, ECOWAS whose primary agenda is promoting regional social economic and political agendas. In their mandate, they have increasingly provided for the management of shared trans-boundary natural resources, or facilitated planning, negotiations, harmonizing conservation policies and promoted dialogue on management of shared natural resources among neighbouring states.

Management of trans-boundary resources as one unit is not new to conservation practice in Africa. Approaches such as Transfrontier or trans-boundary natural resources management, river or lake basin management, cross-border ecosystem management approaches have been practiced. Traditionally, communities shared management of resources across ecosystems. With the current economic and political federations, it is important to articulate the roles these federations should play in ensuring effective management of trans-boundary resources, hence this workshop.

The workshop will be attended by a wide range of participants, including managers in these politico- economic blocs. The workshop will discuss the challenges of managing trans-boundary biodiversity resources in relation to opportunities provided by the political – economic blocks. The targeted outputs of this work shop are a clear message about the role and opportunities for engaging politico-economic blocs for biodiversity conservation and, profile of success stories from Africa.

Global Issues & Climate Change

Adaptación al cambio climático en América Latina: retos locales, nacionales y regionales para mejorar la salud de los ecosistemas y los medios de vida

Event number: 1546 Organiser: *IUCN, ORMA & SUR*

11:30 – 13:00 Room: 124 Capacity: 75 Type: Global Thematic Workshop

A través de lecciones aprendidas en proyectos de campo locales y regionales de UICN en América Latina, se resaltarán como una gobernanza ambiental participativa se posiciona como estrategia para la reducción de la pobreza, y la mitigación y adaptación al cambio climático.

Estas experiencias indican la importancia de la articulación entre actores, del manejo sostenible y equitativo de los ecosistemas y del mejoramiento de los medios de vida de comunidades humanas en áreas de vulnerabilidad social y ambiental.

Se compartirán enfoques concretos, desde una perspectiva local, como herramientas para influir en espacios de toma de decisión, potencialmente replicables en diversos ámbitos y quehacer de organizaciones, gobiernos y organismos internacionales.



Water Pavilion Events

Networking and Coffee

Organiser: *IUCN Water Programme*

9:00 – 10:00 Capacity: 200 Type: Coffee Hour

Maintaining and restoring watershed catchments to conserve ecosystem services for Fijian communities

Organiser: *IUCN Oceania*

10:00 – 13:00 Capacity: 30 Type: Pavilion Event

The Fiji Islands are situated in the tropical belt of the South Pacific. Rapid shifts in land use patterns over the past hundred years has led to accelerated erosion, degraded water quality and loss of critical watershed ecosystem services and processes.

However, the unique tenure system over both marine and terrestrial resources in Fiji allows for the opportunity to arrest and restore this adverse trajectory through community-based management.

To date however, watershed management has often been the preserve of more top-down focused approaches. In contrast, pioneering community-based management initiatives have attained great success in the marine environment.

In this project, we aim to expand and compliment the marine community-based resource management approach to terrestrial ecosystem management. This project will establish a number of key demonstration sites over a range of ecological and social conditions that will leave a lasting legacy of evidence and lessons learnt of how community-based management can be applied to holistic ridge-to-reef resource management.

Follow up on "Talking about water: Water dialogues and the private sector" (Event 1529)

Organiser: *IUCN Water Programme*

13:00 – 14:30 Capacity: 30 Type: Pavilion Event

Multi-stakeholder platforms that engage with the private sector are a key tool in reform of water resources governance to build equitability and sustainability. The Water Dialogues workshop at the World Conservation Congress is an opportunity for participants to gain an understanding of the importance of engaging business in dialogue processes across the world.

The corporate social responsibility of water companies and the connection with biodiversity

Organiser: *International Water Association*

14:30 – 16:00 Capacity: 30 Type: Pavilion Event

New urban design and green spaces in relation to cities of the future and challenges of climate change

Organiser: *International Water Association*

16:00 – 17:00 Capacity: 30 Type: Pavilion Event

Reuse and waste management for agriculture

Organiser: *International Water Association*

17:00 – 18:00 Capacity: 30 Type: Pavilion Event

Visit the Water and Forest Pavilion for Happy Hour

Organiser: *IUCN Forest and Water Programme*

18:00 – 21:00 Capacity: 150 Type: Pavilion Happy Hour

Come share experiences, learn and network at the Water and Forest Pavilions!

Water Pavilion Events

Networking and Coffee

Organiser: *IUCN Water Programme*

9:00 – 10:00 Capacity: 200 Type: Coffee Hour

Water in the 21st Century, an educational proposal

Organiser: *Obra Social de Caixa Catalunya, Unescocat*

09:30 – 11:00 Capacity: 30 Type: Pavilion Event

Based on the UN's World Water Development Report 'Water for People, Water for Life', the proposal comprises a collection of posters aimed at primary and secondary-school students and follows an appealing and entertaining approach to illustrate some of the key aspects of the world's water by connecting water with health, food, ecosystems, cities and participation, amongst others.

Advancing freshwater biodiversity conservation – A Motion to the Congress

Organiser: *WWF*

11:00-12:00 Capacity: 30 Type: Pavilion Event

The session will introduce the Motion of "Freshwater biodiversity conservation, protected areas, and management of transboundary waters" that jointly developed by representative experts from world's leading freshwater conservation organizations and research institutions.

Mekong Waters Dialogue

Organiser: *IUCN Asia Regional Office*

12:00-13:00 Capacity: 30 Type: Pavilion Event

Canada's Water Challenge: Global Change, Water Under Fire and Beyond

Organiser: *Canadian Wildlife Federation*

13:00-14:30 Capacity: 30 Type: Pavilion Event

The Water Under Fire television series developed in 2005 utilizes Canada's best freshwater scientists to describe challenges faced by rivers, lakes, wetlands and streams. The new Water Under Fire website, developed in partnership with Canadian Wildlife Federation, brings a wealth of water expertise and information to a broader audience through educational webisodes and public service announcements. These resources are free to the public, and accompanying curriculum guides and programs have been developed by the CWF to help the public become more water aware and understand how to conserve and protect this vital resource. Join Dr. Richard Mrazek of the University of Lethbridge and Wade Luzny, executive vice president of the Canadian Wildlife Federation, to learn more about this innovative approach.

From Hydrology to Drinking Water: Sustaining Watersheds & the People Who Need Them

Organiser: *A Natural Resource & Water to Drink*

14:30-16:00 Capacity: 30 Type: Pavilion Event

This community-based watershed initiative explores similarities and interactions between human needs and hydrologic ecosystems building bridges to transboundary technical assistance, education and training in sustainable ecosystem management.

Please see websites at www.watertodrink.org

www.anaturalresource.com

The presentation will include a showcase of publications "Water to Drink" "Water Voices", CD's and educational materials.

Education des jeunes scolaires à la protection des ruisseaux à kpalimé

Organiser: *Les Compagnons Ruraux*

16:00-17:00 Capacity: 30 Type: Pavilion Event

La plupart des ruisseaux de la région de kpalimé deviennent saisonniers, certains perdent parfois leurs débits ou tarissent complètement. Ce phénomène est dû au déboisement de certaines berges qui cause l'assèchement de certaines ruisseaux, la défécation ainsi que le dépôt des ordures directement dans les ruisseaux, ce qui pollue et cause de nombreuses maladies aux riveraines et l'extraction des galets ce qui freine leurs cours.

Les Compagnons Ruraux a procédé par l'éducation des jeunes scolaires sur la problématique afin de les sensibiliser sur les dangers du mauvais traitement de ces ruisseaux et les amener à changer de comportement et entreprendre des actions pour leur réhabilitation.

Steal for it, Shoot for it or Sign for it - the stark choices ahead for the world's shared waters

Organiser: *WWF*

17:00-18:00 Capacity: 30 Type: Pavilion Event

Steal for it, Shoot for it or Sign for it—the stark choices ahead for the world's shared waters. Around the globe, water disputes are burgeoning and climate change will make more countries fight over shared river systems. But Water Wars are a preventable and potentially curable global disease. Conservation International and WWF present invited speakers to give an entertaining and challenging scenario session.

Robalo, Dispáralo, o Fírmalo – las opciones desoladoras adelantes para las aguas compartidas del mundo.

Alrededor del mundo, disputas sobre agua van creciendo y el cambio climático hará pelear a más países sobre los sistemas de los ríos compartidos. Pero, las guerreras sobre agua forman una enfermedad global que es evitable y potencialmente curable. Conservation International y WWF presentan oradores invitados para dar una sesión de escenarios estimulante y desafiante.

Volez, tuez pour elles, ou signez – Les alternatives radicales des eaux partagées. Des conflits sur les ressources en eau sont en gestation partout dans le monde et le changement climatique ne fera qu'augmenter le nombre de pays se disputant les cours d'eau. Cependant les Guerres de l'eau sont des menaces globales évitables et guérissables. Conservation International et WWF ont proposé à des experts d'élaborer un scénario réaliste et concret sur ces questions.

Enda : des actions en faveur des populations vulnérables

Organiser: *Enda TM*

18:00-19:00 Capacity: 30 Type: Pavilion Event

Nous souhaitons présenter de trois films ; le défi de l'eau, les énergies renouvelables au Sénégal et Les plantes en détresse :

1 – « Le défi de l'eau », montre les problèmes de gestion de l'eau dans certaines capitales en Afrique de l'Ouest (9mn 42).

2-« Les énergies renouvelables au Sénégal» parle de quelques technologies d'énergies renouvelables pour des usages productifs (7mn 18).

3- « Les plantes en détresse » ; présente les activités de conservation des plantes médicinales et l'encadrement dont bénéficie les herboristes (28mn 58).

Après cela une sélection de posters expliquant quelques activités d' Enda sera projeté.

Water and Nature Initiative and Livelihoods and Landscapes Happy Hour

Organiser: *IUCN Forest and Water Programme*

19:00-20:30 Capacity: 30 Type: Pavilion Event

Come share experiences, learn and network at the Water and Forest Pavilions

Water Pavilion Events

Networking and Coffee

Organiser: *IUCN Water Programme*

9:00 – 10:00 Capacity: 200 Type: Coffee Hour

Illegal waste removal by volunteers in Estonia

Organiser: *Estonian Fund for Nature (Eestimaa Looduse Fond – ELF)*

10:00 – 11:00 Capacity: 30 Type: Pavilion Event

There was 10 000 tons of illegal waste lying around all over Estonia and we had an outrageous plan– to clean it all up on one day! And so we did with 50 000 volunteers on 3rd of May!

If there will oil disaster on Estonian shores – these people could be only opportunity to get rid of it. Therefore volunteers prepared to act if necessary.

Additional information available at <http://www.teeme2008.ee/>

<http://www.elfond.ee/>

Colaboración de la sociedad civil en la protección de la cuenca hidrográfica del Canal de Panamá

Organiser: *Asociación Nacional para la Conservación de la Naturaleza (ANCON)*

11:00 – 12:00 Capacity: 30 Type: Pavilion Event

Jal Bhagirathi Foundation

Organiser: *Jal Bhagirathi Foundation*

12:00 – 13:00 Capacity: 30 Type: Pavilion Event

Organisation's Mission: Jal Bhagirathi Foundation is an NGO which exists to provide an enabling environment in which the desert communities of the Thar desert region can access adequate drinking water for humans and animals within the constraints of environmental equilibrium by leveraging traditional knowledge and appropriate technology; facilitating village institutions of collective wisdom and building local capacities for community mobilisation in an atmosphere of transparency, participation and accountability, through a process of networking and advocacy.

The Foundation is supporting and mobilizing water distressed rural communities of more than 200 villages in 2500 sq kms of the Thar desert (which is the most densely populated arid zone of the world) in Western India, to promote their rich tradition of water management by constructing and rejuvenating water-harvesting structures. These water structures are a prime example of the ingenuity of inexpensive simple traditional technology that is quite remarkable in terms of addressing drinking water needs of the drought stricken human and livestock population. The community driven program promoted by the Foundation provides water in schools for children and empowering women by reducing their drudgery in the effort of collecting water by bringing it closer to home.

Canada's Water Challenge: Global Change, Water Under Fire and Beyond

Organiser: *Canadian Wildlife Federation*

13:00-14:30 Capacity: 30 Type: Pavilion Event

The Water Under Fire television series developed in 2005 utilizes Canada's best freshwater scientists to describe challenges faced by rivers, lakes, wetlands and streams. The new Water Under Fire website, developed in partnership with Canadian Wildlife Federation, brings a wealth of water expertise and information to a broader audience through educational webisodes and public service announcements. These resources are free to the public, and accompanying curriculum guides and programs have been developed by the CWF to help the public become more water aware and understand how to conserve and protect this vital resource. Join Dr. Richard Mrazek of the University of Lethbridge and Wade Luzny, executive vice president of the Canadian Wildlife Federation, to learn more about this innovative approach.



IUCN Members and the Ramsar Convention on Wetlands 10th Conference of Parties

Organiser: *IUCN Water Programme*

14:30-16:00 Capacity: 30 Type: Pavilion Event

Meeting to discuss involvement of IUCN members and IUCN at the Ramsar Convention on Wetlands 10th Conference of Parties.

Recycling Realities – water research making a difference

Organiser: *International Development Research Centre*

16:00 – 17:00 Capacity: 150 Type: Pavilion Happy Hour

IDRC is committed to fostering research in developing countries, undertaken by the people of those countries, for their own development. This session will summarize recent research on reuse, governance, and innovation. There is often not enough water to satisfy all needs, creating opportunities to cascade the same drop of water through different uses. Many people lack access to water even where it is available, creating a need for dialogue among actors. People interact with water locally to satisfy their needs, creating opportunities to improve how water services are delivered. IDRC experience suggests a focus on research users, on solving problems, and building on what already exists.

Changing climate - Red Alert in Sunderbans

Organiser: *Wildlife Society*

17:00 – 18:00 Capacity: 150 Type: Pavilion Happy Hour

The film has a short introduction about the tidal country, the largest delta of the world. The threats the area faces due to sea level rise. This is followed up by illustration of the mitigation and adaptation measures taken up by villagers, especially women and school children, and the future. Another power-point of 30 minutes will address ecosystem services, best practices for sustainable use in this tidal country where living is dependent on water resources also inviting man-animal conflict, human beings becoming often prey to tigers and crocodiles.

Visit the Water and Forest Pavilion for Happy Hour

Organiser: *IUCN Forest and Water Programme*

18:30 – 20:00 Capacity: 150 Type: Pavilion Happy Hour

Come share experiences, learn and network at the Water and Forest Pavilions!

Water Pavilion Events

Networking and Coffee

Organiser: *IUCN Water Programme*

9:00 – 10:00 Capacity: 200 Type: Coffee Hour

Strengthening Governance to Secure Long-Term Water Provision for the City of Quito

Organiser: *Fundación Futuro LatinAmericano*

10:00-11:00 Capacity: 30 Type: Pavilion Event

The project Strengthening Governance to Secure Long-Term Water Provision for the City of Quito has been developed since last year in the Guayllabamba's Watershed. This watershed is one of the most complex basins in Ecuador, not only for the presence of the city of Quito, but because of the quantity of actors and different needs and interests that converge in the zone. The main objective of the project is to work with the different stakeholders of the watershed and establish an Integrated Management of Water Resources (GIRH), understood as the possibility to undertake a process by means of which water users establish lineaments to assure a coordinated use of the resource, taking into account natural, social, and cultural elements, maximizing economic welfare without committing vital ecosystems, is a possible solution to coordinate actions through which the actors of the basin satisfy their needs and water requirements. The GIRH and the organization and coordination of the actors to obtain it, would fulfill the goal through which the city of Quito would be able to satisfy its demand, meeting also the needs of other populations and actors of the basin. At the same time, the creation of the Water National Secretariat (SENAGUA) entails an immense challenge given its new role as water main entity at national level and as for the expectations that this new structure has generated to settle water management problems.

Gobernabilidad del Agua. Caso Concreto Cuenca Rio Naranjo

Organiser: *Fundación Solar*

11:00-12:00 Capacity: 30 Type: Pavilion Event

Presentación del proyecto, se hará en video y se contentaran preguntas

IUCN Members and the 5th World Water Forum

Organiser: *IUCN Water Programme*

14:30-16:00 Capacity: 30 Type: Pavilion Event

Meeting to discuss involvement of IUCN members and IUCN at the 5th World Water Forum in Istanbul, Turkey, March 2009.

Water Pavilion wrap-up

Organiser: *IUCN Water Programme*

17:00 – 18:00 Capacity: 30 Type: Pavilion Event

Reflection and thoughts from the Congress.

Forest and Water Farewell Happy hour

Organiser: *IUCN Water and Forest Programme*

18:00 – 19:30 Capacity: 30 Type: Happy Hour

Come share experiences, learn and network at the Water and Forest Pavilions!

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