



5th Targeted Regional Workshop for GEF IW projects in Africa

28 – 31 May 2019

Gaborone, Botswana

Agenda

The 5th Targeted Regional Workshop for Global Environment Facility (GEF) International Waters (IW) Projects in Africa will be jointly organized by the International Waters Learning Exchange and Resource Network (IW:LEARN) (A GEF funded, United Nations Development Programme (UNDP) & United Nations Environment Program (UNEP) implemented, and Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO) executed project) and the Southern African Development Community Groundwater Management Institute (SADC-GMI).

Together with our partners from the International Commission for the Protection of the Danube River (ICPDR), International Institute for Applied Systems Analysis (IIASA), the Nature Conservancy (TNC), World Wildlife Fund (WWF), United Nations Economic Commission for Europe (UNECE) and the United Nations Industrial Development Organization (UNIDO), we bring you a workshop dedicated to **Water-Energy-Food-Ecosystem Nexus, Groundwater Governance, Legal and Institutional Frameworks, Sustainable Financing and Creating Investable Projects, Economic Valuation and Water Funds.**

GEF IW: LEARN Background

The GEF IW:LEARN project (www.iwlearn.net), whose latest phase became active in 2016 and runs until 2020, has as one of its primary activities, the organization of regional workshops for GEF IW projects in three GEF regions: Latin America & the Caribbean, Asia & the Pacific and Africa. The workshops are also about transferring management approaches, tools and best practices amongst GEF

projects and partners. Together with project-project twinning exchanges and the GEF Biennial International Waters Conference, these face-to-face training activities are part of a cycle of learning and partnership building across the portfolio and its partners.

Workshop Objectives

The overall aim of the workshop will be to raise capacity and awareness among GEF IW projects and partners on aspects of:

- The services offered by GEF IW:LEARN, including the features of the Spatial Lab, and compelling story writing;
- The challenges of water management for energy and food production, while sustaining environmental flows;
- Legal and institutional aspects of a functioning international RBO;
- Key challenges for establishing an international RBO and for sustaining transboundary cooperation among the participating countries;
- Essential steps to make GEF IW projects attractive for the participation of and investment by the private sector;
- Economic valuation and how it can be integrated into the Transboundary Diagnostic Analysis/Strategic Action Programme process to inform decision-making;
- Water Funds and their application

Workshop Outcomes

At the end of the workshop, participants will:

- Be familiar with the GEF IW:LEARN services, including the benefits of the Spatial Lab to their projects, visualising their project data in attractive maps, and writing a compelling story using the “inverted pyramid” methodology;
- Learn how to balance increasing water demand and solve water-supply conflicts between different sectors and countries;
- Expand their knowledge and skills to set-up and to improve the legal and institutional framework of their institutions;
- Understand and be able to assess the key aspects of legal and institutional cooperative frameworks for shared water systems;
- Be able to apply the essential steps for attracting investment;
- Be able to apply the tiered approach on economic valuation of “wet” ecosystem services in a transboundary project context;
- Understand what a Water Fund is and how elements of the model (whether scientific, public-private governance, or sustainable finance) could be adapted to meet their source water protection and restoration needs.

Tuesday, 28 May 2019	
Venue	SADC Headquarters
Session	Opening of the Workshop
Chair	Natalie Degger, GEF IW:LEARN
Time	
08:45 09:00	Registration
09:00 09:30	<p>Welcome remarks</p> <ul style="list-style-type: none"> • Patrice Kabeya, Southern African Development Community (SADC) • Mish Hamid, GEF IW:LEARN • Astrid Hillers, Global Environment Facility
09:30 10:00	Participant introductions and expectations
Session	GEF IW:LEARN: Strengthening Transboundary Water Management
Coordinators	Mish Hamid and Natalie Degger GEF IW:LEARN
10:15 10:30	<p>GEF IW:LEARN is the Global Environment Facility's International Waters Learning Exchange and Resource Network. Established to help strengthen transboundary water management around the globe, GEF IW:LEARN collects and shares good practices, lessons learned, and innovative solutions to common problems faced by the GEF International Waters portfolio projects and partners.</p> <p>As an IW project manager or partner, you're probably wondering how GEF IW:LEARN can support you. This session is designed to highlight the services we offer that enhance GEF International Waters project impacts.</p> <p><i>(Twinning, Global Dialogue, Learning Exchange Resource Centre, Spatial Lab, Courses, Website toolkit, Manuals and methodologies)</i></p> <p style="text-align: center;">IW Experience Note Challenge</p>
Coffee Break 10:30-11:00	
Session	GEF IW:LEARN Spatial Lab and Communications Training
Coordinators	Miles Macmillan-Lawler and Kaya Asdal GRID-Arendal
Content	<p>GEF IW:LEARN Spatial Lab</p> <p>Maps are a powerful way to visualise data and information and support policy and decision making. The GEF IW:LEARN Spatial Lab (geonode.iwlearn.org) is a multi-purpose platform to support GEF IW project data storage and visualisation needs. The platform supports the storage and discovery of spatial data for transboundary water management and the creation of interactive, shareable maps.</p> <p>The platform allows IW projects to:</p> <ul style="list-style-type: none"> • Store spatial data collected through the project • Create metadata to help categorise the data

	<ul style="list-style-type: none"> • Access relevant regional and global data to support transboundary water management in their basin • Communicate science to a range of stakeholders, including policy and decision makers, using interactive maps <p>The GEF IW:LEARN team members will be available during the workshop to assist your project with its data visualisation and mapping needs.</p>
11:00 12:00	<p>Presentation on the Spatial Lab and hands on exercise</p> <p>Please bring along spatial data from your projects in standard GIS formats such as ESRI shapefiles.</p> <p><i>Sign up to have a one on one session during a coffee break or lunch.</i></p>
Content	<p>GEF IW:LEARN Communication Training</p> <p>Information is not enough. If it were, we wouldn't be facing a global climate, extinction and pollution crisis. There would be no need for the GEF because these problems would have been solved. And there would be no need for GEF IW:LEARN because the work it undertakes would not be necessary. But human beings do not make decisions solely based on information. Creating "new knowledge" is not much use if your audience does not connect in some way. And connection is not just an intellectual response, it is emotional. Connection leads to action.</p> <p>One of the best ways to connect is through storytelling. Telling stories is part of what makes us human. But it requires a clear focus and clear language. Translating scientific concepts into a format that is easy to understand takes practice. GEF IW:LEARN is a good platform for communicating a wide variety of topics to multiple audiences. This session offered tips on how to write a story and how to promote it using social media.</p>
12:00 13:00	<p>Presentation on communicating project results through effective storytelling and hands on exercise</p>
Lunch 13:00-14:00	
Session	Water-Energy-Food-Ecosystem Nexus
Coordinators	<p>Piotr Magnuszewski International Institute for Applied Systems Analysis</p>
Content	<p>The International Institute for Applied Systems Analysis (IIASA) in partnership with the Global Environment Facility (GEF), and the United Nations Industrial Development Organization (UNIDO) is leading the Integrated Solutions for Water, Energy, and Land (ISWEL) project.</p> <p>The Nexus Game will give participants a unique opportunity to get an insight into challenges of water management for energy and food production, while sustaining environmental flows. The aim of the game is thus to provide an opportunity for practicing how different water management policies can lead to sustainable development of society in harmony with nature. Participants will strive to address water needs of population, industry and agriculture, at the same time facing challenges of climate change. The game is designed to demonstrate many interconnected Water-Food-Energy Nexus challenges.</p>

	The players take on the roles of policymakers in two countries that have access to the same river. They have to match the increasing water demand with adequate supply. In order to achieve this goal, effective collaboration and information exchange must be established between stakeholders both within and across the borders. Since the goals of both countries overlap, the game provides an opportunity for practicing conflict resolution and cooperation at the international level. The Nexus Game provides players with a strategic overview of interconnections between water and energy in the context of security and sustainability at the transboundary level.
Time	
14:00	Presentation on the Integrated Solutions for Water, Energy, and Land (ISWEL) stakeholder scenario development approach
14:30	
14:30	Introduction to, and start of, the Nexus game
15:30	
Coffee break 15:30-16:00	
16:00	Nexus game continued
18:00	
End of Day 1	

Wednesday, 29 May 2019	
Venue	SADC Headquarters
Session	Groundwater Governance
Coordinators	James Saurumba, Brighton Munyai and Thokozani Dlamini The Southern African Development Community Groundwater Management Institute (SADC-GMI)
Content	<p>Groundwater plays a significant role in the SADC region, supporting about 70% of the 250 million people that live in the region. Some member states actively integrate groundwater into their water resource management policies and laws; but generally groundwater does not feature prominently in institutional frameworks to manage water at both national and transboundary levels.</p> <p>The rationale for the establishment of the SADC-GMI was based on the importance of groundwater in the region and the need to set up a “Centre of Excellence” for groundwater management and groundwater dependent ecosystems in the region, and to have an institution that will serve as an interlocutor with national, regional and international groundwater initiatives and institutions.</p> <p>This session will inform participants on lessons learned and best practices.</p>
Time	
09:05 09:30	Introduction, rationale and genesis of SADC-GMI
09:30 10:30	Exercise: SWOT World Cafe
Coffee Break 10:30-11:00	
11:00 12:30	SWOT World Cafe continued and reporting back
Lunch 12:30-13:30	
Session	Legal and Institutional Frameworks, Part 1
Coordinators	Ivan Zavadsky International Commission for the Protection of the Danube River (ICPDR)
Content	In just 20 years, the International Commission for the Protection of the Danube River (ICPDR) has become a global role model for the transboundary management of shared river basins around the world. Since it was established in 1998 by the Danube River Protection Convention, the ICPDR has served its member countries as a highly successful platform for the integrated management of water resources across the Danube River Basin. It has enabled countries to work together to assess the health of the Danube river and develop basin wide plans to address priority issues such as pollution, climate change, flooding, impact of hydropower generation and navigation. The ICPDR serves as a vital learning hub and platform for the exchange of experiences and innovation between countries facing vastly different economic and environmental challenges.
Time	
13:30 15:30	During the session, the participants working on projects in shared transboundary waters will be provided with information to provide a case-study analysis and replicable examples in order to:

	<p>(a) Identify commonalities in challenges in successful projects;</p> <p>(b) Identify solutions that work;</p> <p>(c) Learn from shared lessons</p>
Coffee break 15:30-16:00	
Session	Legal and Institutional Frameworks, Part 2
Content	<p>The participants will reconvene for wrap up and reporting following the session, They will then move to the more interactive part of the workshop with the River Basin Organisation Game, providing them with a structure of facilitated activities in game format for them to work together to explore problems and solutions.</p> <p>The players will take on the roles of policymakers in ten countries that share the same river basin. They have to create the necessary setup to answer match the increasing multiple water uses. In order to achieve this goal, effective collaboration and information exchange must be established between stakeholders both within and across the borders. Since the goals of participating countries overlap, the game provides an opportunity for practicing the search for solutions and cooperation at international level.</p> <p>The RBO Game will give participants a unique opportunity to get an insight into challenges of water resources management on transboundary level, building on the first part of the workshop. The aim of the game is thus to provide an opportunity for creating a fictive RBO based on their understanding of the needs of countries in a given river basin, focusing on specificities, commonalities and challenges, from legal, institutional and financial viewpoints but also in the current setup of a changing climate. The game approach will allow the participants to work in an interactive setup with a structured set of facilitated activities for all participants to work together to explore problems and solutions while creating the institutional setup for an RBO.</p>
Time	
16:00 17:30	The River Basin Organisation Game
End of Day 2	
18:00 Welcome Reception Hilton Garden Inn (transport from SADC HQ provided)	

Thursday, 30 May 2019	
Venue	SADC Headquarters
Session	Creating an Investable Project and Securing Sustainable Financing
Coordinators	Keiron Brand and Sonja Koepfel World Wildlife Fund and United Nations Economic Commission for Europe
Content	<p>Inability to access needed financing in many systems implies that the potential benefits of transboundary cooperation and development are not being fully realised. Different types of financing are needed for different stages of the cooperation and development process. While public sector financing has been the main source of funding for transboundary basin development, it is increasingly complemented by private sector financing through blended approaches.</p> <p>Addressing investment needs requires stable legal and institutional frameworks, sustainable finance mechanisms, innovative structures that enable greater cooperation between different players, and the use of blended finance mechanisms. These steps are essential to make projects a bankable, or investable, proposition and secure the participation of the private sector.</p> <p>The sessions will explore a range of existing modalities to leverage sustainable finance, including innovative mechanisms and promote exchange of experience on how to raise funds from national, regional and international sources for transboundary projects. It will also describe steps of and approaches for as well as examples of bankable projects in this field.</p>
Time	
09:00 10:00	<p>Introduction and background on private sector engagement</p> <p>What drives the private sector (reducing risks/costs ... increasing future biz resilience) and why a bankables approach is appealing to them.</p>
10:00 10:45	<p>Introduction to Bankable Projects</p> <p>The theory behind blended finance and relevant case studies, how this is relevant for landscape programs and bankable or investable projects</p>
Coffee Break and Group Photo 10:45-11:15	
11:00 12:30	<p>Case study and group work</p> <p>Groups are assigned templates for projects that they think are bankable. A process is followed to identify which are bankable, the ease of implementation, which are relevant to stakeholders and level of environmental impact.</p>
Lunch 12:30-13:30	
13:30 14:15	<p>Reporting back on the group work</p> <p>Groups feedback to the greater group on their process and landscapes. After discussing aspects of their projects that are 'bankable' we have them build 2-3 top ideas into concrete next steps that can be incorporated into their project SAP.</p>
14:15 15:00	Sustainable finance of transboundary water cooperation and basin development

	Introduction to different finance models of transboundary cooperation institutions , challenges and lessons learned
15:00 15:45	Experience sharing by: <ul style="list-style-type: none"> • ICPDR • ORASECOM • The MedFund
Coffee break 15:45-16:00	
16:00 17:00	Group discussions/exercise Group discussions on challenges, lessons learned and ways to ensure long-term sustainability of the GEF projects through sustainable institutions
17:00 17:30	Group reporting
Reflections and Recap	
Announcement of the IW Experience Note Challenge Winner	
End of Day 3	

Please note that these two sessions are run in parallel and at different venues

Friday, 31 May 2019		
Training title	Training session on the systematic integration of economic valuation (EV) of “wet” ecosystem services into the TDA/SAP process	OR Water Funds
Chair	Mish Hamid, GEF IW:LEARN	Natalie Degger, GEF IW:LEARN
Content	The Economic Valuation of “wet” ecosystem services in transboundary water bodies – How to obtain a first approximation, how to obtain an in depth valuation and how to integrate it into the TDA/SAP process. Presentation of the Training Materials for integrating economic valuation of "wet" ecosystem services into TDA/SAP processes. Both parts of the Guidance Document - for Tier 1 and Tier 2 projects - will be presented.	<p>The session will provide a highly interactive orientation on Water Funds and their application.</p> <p>The training will allow GEF International Waters projects and partners to understand what a Water Fund is and how elements of the model (whether scientific, public-private governance, or sustainable finance) could be adapted to meet their source water protection and restoration needs.</p> <p>By the end of the day, by working in small teams, stakeholders will better understand whether the Water Fund model is an appropriate fit for their source water protection and restoration ambitions (both in transnational basins, such as the Cubango-Okavango Basin, as well as smaller urban source water basins, like the Upper Tana in Kenya).</p>
Coordinators/ Trainers	Christian Susan and Eduard Interwies United Nations Industrial Development Organization	David Schaub-Jones, Sekgowa Motsumi, Colin Apse The Nature Conservancy
Venue	Hilton Garden Hotel (Plot 54366 Western Commercial Rd, Gaborone, Botswana)	SADC-HQ (SADC House, Plot No. 54385, Central Business District, Gaborone Botswana)
Time		
09:00 10:30	Session 1: Introduction to Economic Valuation of Ecosystem Services <ul style="list-style-type: none"> • Subsession 1: Introduction and Ecosystem Services • Subsession 2: EV of Ecosystem Services - Why and How? 	Session 1: Overview of Water Funds Model for Source Water Protection <ul style="list-style-type: none"> - What is a Water Fund and what’s the history behind them? - How do Source Water Protection and Water Funds overlap? - What sort of scope and impact can be achieved? - What are the key steps to putting a Water Fund in place (and what happens after that)?

	<ul style="list-style-type: none"> Subsession 3: Integrating EV into the TDA/SAP Process 	
Coffee break (10:30 – 11:00)		
11:00 11:30	Session 1 (contd.)	<p>Session 2: What are the key steps in determining whether a Water Fund is appropriate and, if so, putting it in place?</p> <ul style="list-style-type: none"> - Deep dive into the Feasibility stage of water funds - Governance – Science – Finance > how do these issues interlink and what does a Water Fund do to bring them together? <p>Action planning for Water Fund Implementation (a participatory exercise looking at a ‘mock case study’ – i.e. a basin that may benefit from a water fund approach).</p> <p>Group work: Scoping the area of action</p>
11:30 12:30	<p>Session 2: Obtaining a first approximation of the value of ecosystem services – the Tier 1 Economic Valuation</p> <ul style="list-style-type: none"> Subsession 1: Aim and Scope of a Tier 1 Economic Valuation Subsession 2: Preparation of a Tier 1 EV: Setting the Scene and Scoping Subsession 3: Conducting a Tier 1 EV (Benefit Transfer/the Repository of Valuation Studies, using Market Prices, summing up, uncertainties) 	
Lunch break (12:30 – 13:30)		
13:30 14:30	Session 2 (contd.)	Food for thought- Collaboration in Practice
14:30 15:00	<p>Session 3 - In-depth economic valuation of Ecosystem Services in IW-projects – the Tier 2 Economic Valuation</p> <ul style="list-style-type: none"> Subsession 1: Aim and Scope of a Tier 2 Economic Valuation – the Policy Appraisal Contexts Subsession 2: Preparation of a Tier 2 EV: Setting the Scene and Scoping Subsession 3: Selection of valuation methods to be used - Overview of the most important valuation methodologies Subsession 4: Identifying, assessing and communicating the benefits of cooperation as part of a TDA/SAP Process 	<p>Session 3: How would a ‘typical’ Water Funds Model be adapted for IW Projects and Large River Basins?</p> <p>Key considerations and case studies, including:</p> <ul style="list-style-type: none"> i) Cubango-Okavago basin ii) Tana basin <p>Group Work</p>
Coffee break (15:00 – 15:30)		

15:30 16:45	Session 3, part II (contd.)	<p>Session 4: Taking it home – working through examples.</p> <p>Participants engage in a participatory exercise to see what has been learned and how it can be applied to their own geography.</p>
16:45 17:00	Summary/wrap-up and closing	<p>Session 5: Next Steps and Further Resources</p> <ul style="list-style-type: none"> - Ways to engage in future - How you can further explore the Water Funds Model
<p>Closing remarks from GEF IW:LEARN</p> <p><i>Reminder to complete the online workshop evaluation available at: https://forms.gle/zehDhcswa2twXT2T7</i></p>		