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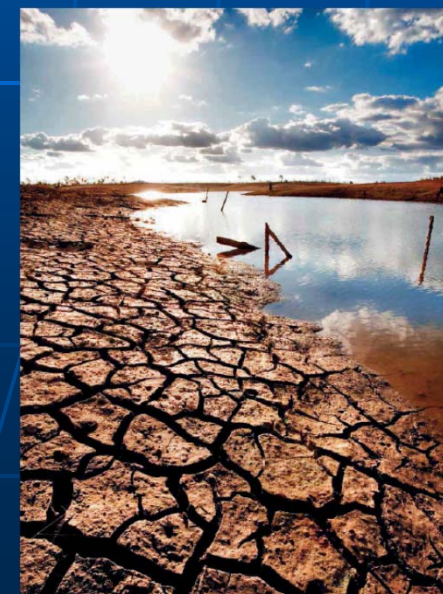
Side event

Sharing best practices: release of new
publications on climate change adaptation and
aquatic ecosystems restoration



Daegu
15 April 2015

Daniel VALENSUELA - INBO/ IOW





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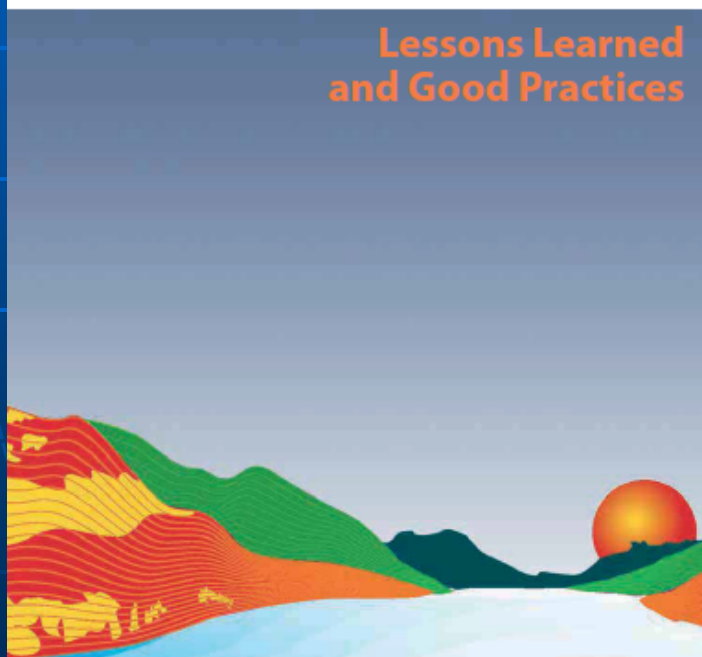
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Two new publications

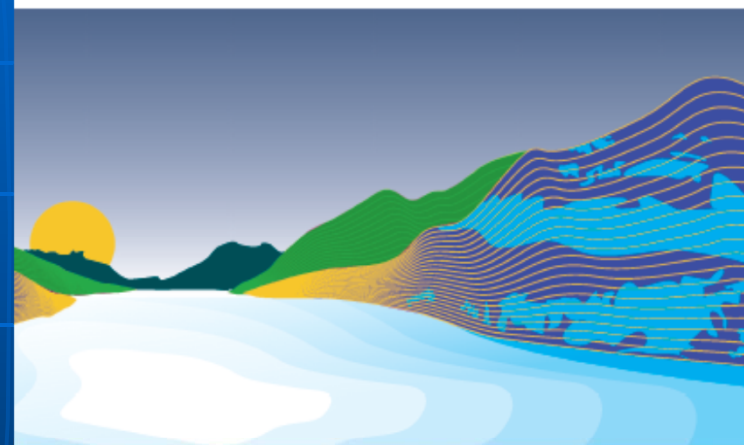
UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS

Water and Climate Change Adaptation in Transboundary Basins:

Lessons Learned and Good Practices



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THE HANDBOOK FOR MANAGEMENT AND RESTORATION OF AQUATIC ECOSYSTEMS IN RIVER AND LAKE BASINS

March 2015





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Moderators

- Mr. Nicholas Bonvoisin (UNECE)
- Mr. Daniel Valensuela (INBO)



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Water and Climate Change Adaptation in Transboundary Basins: Lessons learned and Good Practices"

- Ms. Sibylle Vermont (Federal Office for the Environment, Switzerland),
- Mr. Daniel Valensuela (INBO)

Management and restoration of aquatic ecosystems in river and lake basins

- Mr. Alain Bernard (IOWater)
- Mr Michael Scoulios (GWP - Global Water Partnership).

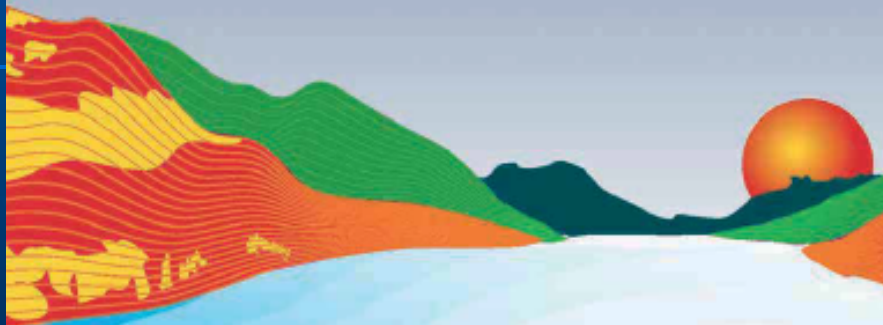
Reacting speakers:

- French Development Agency, as Donor
- Zambezi River Authority, as basin Organisation.

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Water and Climate Change Adaptation in Transboundary Basins:

Lessons Learned
and Good Practices



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- 127 pages
- 63 lessons learned
- 58 case studies

Task force/ editorial/
drafting groups : 22

+

Case study providers : 56



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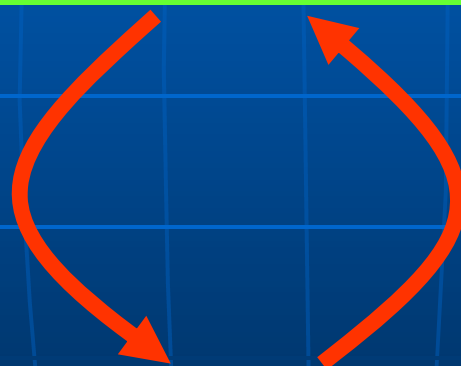
Principle



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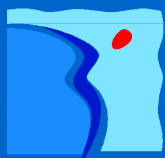
Lessons learned (LL)

- Advice on how to develop one critical element of the ACC Planning process
- Current state of art, state of know-how of the process resulting of practice & experience



Case studies (CS)

- Give example(s) about one or more LL
- Guaranty that LL is linked to ground practice
- Reference for getting more infpormation on the practical development



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Structure



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I. Introduction

II. Content and process

37 lessons

Wide basin approach
Uncertainty
Ecosystem-based approach
Link to other sectors/levels
Legal framework
Organising the process
Capacity - Communication

III. Vulnerability & impact assessment

Data collect, exchange, storage
Assessing vulnerability, oportunities & synergies
Use and integration of scenarios - models

IV. Developing adaptation measures

12 lessons

Structural / non structural measures
Basin monitoring system
Prioritization of measures
Financing implementation

V. Monitoring & evaluation actions

4 lessons

Basin wide evaluation system
Regularly update assessment



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Lesson 4. Integrate climate change within river basin management planning

Case study 2.2 Developing a strategy for climate change adaptation in the Danube Basin

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Lesson 8. Use ecosystem-based adaptation as a cost effective alternative to « grey » infrastructure

Case study 2.6 Ecosystem-based approach and green infrastructure in Denmark

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Case study 2.7 Making the case for an ecosystem adaptation strategy in the great lakes Basin

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Lesson 13. Design new transboundary agreements to be flexible

Case study 2.13 Cooperation between Mexico and United States

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Lesson 22. Ensure stakeholder participation in all steps of the development and implementation of adaptation strategies and measures

Case study 2.21 Climate change stakeholder consultations in the transboundary Bugesera Basin shared by Rwanda and Burundi

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Lesson 28. Facilitate the exchange of insights and experience between stakeholders on adaptation activities to learn and build capacities

Case study 2.26 Exchanges between on climate
change: First Rhine – Mekong symposium

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Lesson 33. Tailor messages to your audience , based on its characteristics and needs

Lesson 37. Use targeted approaches to raise awareness on the need of adaptation

Case study 2.30 « Colours of the Dniestr » : how to engage children in climate change adaptation

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"Colours of the Dniestr" competition, Katselma Yaryna, 10 years old, Ukraine



"Colours of the Dniestr" competition, Kublika Alina, 17 years old, Moldova



"Colours of the Dniestr" competition, Tsyruk Evelina, 10 years old, Ukraine



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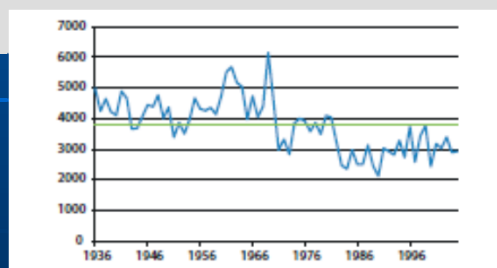
Lesson 38. Identify information needs and processes for assessing gathering compiling and exchanging information

Case study 3.1 Development of geoportal for Dniestr Basin

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Case study 3.2 Prediction of water levels of Ubangui River

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Case study 3.3 Joint database for the Neman River Basin

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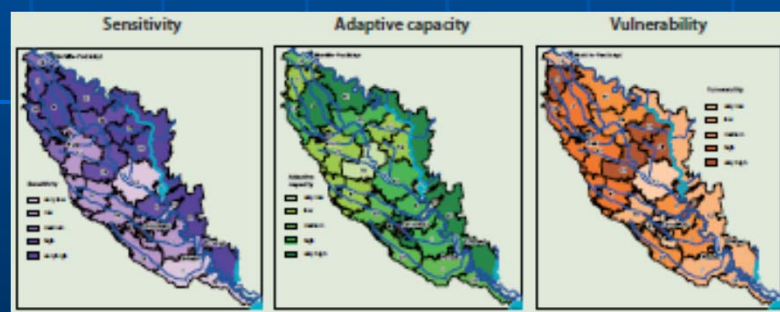


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Lesson 43. Consider the whole basin and all steps of the water cycle in the vulnerability assessment

Case study 3.5 Classifying the climate vulnerability of the Moldovan part of the Dniestr

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Lesson 48. Develop a mix of structural and non-structural measures

Case study 4.1 Structural interventions in the Senegal River Basin

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A high-speed photograph of a water droplet suspended in mid-air above a pool of water. The droplet is perfectly spherical and reflects the surrounding environment. Below it, a vertical column of water connects the droplet to the surface, which is surrounded by concentric ripples. The background is a blurred blue and yellow gradient.

And now, read it
and use it ...