



INBO / GWP HANDBOOK

on Integrated Water Resources Management at river basin, lakes and aquifers level

✓ **Objective**

To jointly produce a **practical guide** to practitioners for the **application of IWRM principles and practices** at the river, lake and aquifer **basin level**.

✓ **Targeted audience**

Staff from government ministries and their support agencies, and other major stakeholders in developing countries who wish to establish basin management systems or modify/improve existing systems.



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✓ Content

Practical advice and guidance on a variety of issues that arise in the context of basin management, including:

- legal conditions and institutional arrangements
- data and information
- strategic planning
- financial issues
- performance indicators
- capacity development
- participation mechanisms



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✓ Publication and dissemination arrangements

- will be edited and printed both in English and French
- will be launched at the 5th World Water Forum in Istanbul (16-22 March 2009)
- will then be widely disseminated through GWP and INBO Networks.



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✓ **Project coordination**

- * **A Task Force** – 9 members from GWP and INBO Networks, co-chaired by GWP Acting Executive Secretary and INBO Permanent Technical Secretary
- * **A joint INBO/GWP Secretariat**
- * **International Consultants** – to write and edit the Handbook
- * **GWP Regional Focal Points** – to provide regional practical examples to the writers and the Secretariat

New version launched 1 October



www.gwptoolbox.org

Elements of ToolBox remained

- **Tools** (policies/strategies/approaches) can be used in different combinations in the implementation of IWRM
- **Case studies**
 - illustrate how these tools can be used in reality
 - should help users to learn from experience by highlighting lessons learned
- **Reference documents**
 - Support information database of manuals, papers, articles, web sites



What's new:

This is the 3rd version of the GWP database on IWRM launched at the Stockholm World Water Week in 2008.

New GWP TEC Paper No. 12 published: Water Financing and Governance
[read more ...](#)

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TOOLBOX

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TOOLBOX PARTNERS

Home

WELCOME TO THE GWP TOOLBOX FOR IWRM

The GWP ToolBox is a compendium of good practices related to the principles of Integrated Water Resources Management presented under a structured reference framework. The ToolBox allows water related professionals, to discuss, analyse the various elements of the IWRM process and facilitates the prioritization of actions aimed at improving the water governance and management. The IWRM ToolBox comprises an organized collection of case studies submitted by external contributors which have been peer reviewed. Through this website the ToolBox aims to facilitate that professionals and specialists engage with a broader community for the solution of (water related) problems.

TOOLS: INDIVIDUAL POLICIES AND GUIDELINES ON IWRM

Altogether 54 different tools are presented in the GWP ToolBox. Structurally, the ToolBox is organised in a hierachial manner with each tool embedded in the wider perspective of IWRM. The characteristics of each tool are described in the ToolBox to allow the user to select a suitable mix and sequence of tools that would work in a given country, context and situation. The problems faced by water managers are many and diverse, as are the political, social and economic conditions, so no blueprint for the application of IWRM can be given.

CASES: EXAMPLES OF PRACTICAL IMPLEMENTATION OF IWRM

The Tools are illustrated by real case experience. The cases have been submitted by professionals from all over the world and offer realistic lessons for others by giving examples of how a tool has worked in a given combination and context. Cases are at varying levels of detail and include references to sources of further information. Case studies are peer reviewed through the GWP network.

REFERENCES: SUPPORTING MATERIAL AND BACKGROUND INFORMATION ON IWRM

In addition, the GWP ToolBox contains references. All the Tools and Cases are linked to reference materials. These range from policy papers, artides, briefing notes, results of research projects, summaries of assistance programs. They also refer to external links and web sites of organizations working in the area of IWRM.



Section "Partners"

http://www.toolbox.webcentrum.eu/index.php?option=com_content&view=article&id=88&Itemid=3

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IWRM

CASE STUDIES BY REGION

- Africa
- America
- Asia
- Australia
- Caribbean
- China
- Europe
- Japan
- Mediterranean
- Middle East

TOOLBOX PARTNERS

- AP Flood Management
- CapNet
- EU NeWater
- Ground Water - MATE
- INBO
- Other organizations

which has been defined by GWP as a process which promotes the coordinated dev
management of water, land and related resources in order to maximise the resultant
social welfare in an equitable manner without compromising the sustainability
systems' (Technical Advisory Committee 2000).

IWRM explicitly challenges conventional water development and management systems.
the recognition that traditional top-down, supply led, technically based and sectoral a
water management are imposing unsustainably high economic, social and ecological co
societies and on the natural environment. Business as usual is neither environmentally su
is it sustainable in financial and social terms. As a process of change which seeks t
development and management systems from their currently unsustainable forms, IWRM
beginnings and will probably never end. The global economy and society are dynamic an
environment is also subject to change, IWRM systems will, therefore, need to be respons
and be capable of adapting to new economic, social and environmental conditions an
human values.

IWRM is not an end in itself but a means of achieving three key strategic objectives.

- efficiency to make water resources go as far as possible;
- equity, in the allocation of water across different social and economic groups;
- environmental sustainability, to protect the water resources base and associated e

It would be easy for a policy maker faced with the prospect of wholesale governan
conclude that it is all too complex with too many difficult trade offs and choices to make
much easier and certainly politically safer to maintain current policies and practice
confronting the vested interests who gain from the status quo. However, doing noth
option; problems will simply get worse and more difficult to tackle.

It is important to keep in mind that the IWRM is a process of change; a process which
small beginnings. There is no such thing as a perfect IWRM system and the search for p
lead to action atrophy.

Concerted action is needed to reverse the present trends of overconsumption, polluti
threats from drought and floods. The Conference Report sets out recommendations for a
national and international levels, based on four principles (Dublin principles). In add
guiding principles, the GWP recognizes some overriding criteria that take account of so
and natural conditions (integrating "three E`s").

PRINCIPLES

- [1. Water is finite and vulnerable resource](#)
- [2. Participatory approach](#)
- [3. Role of women](#)
- [4. Social and economic value of water](#)
- [5. Integrating three E`s](#)

Vision and goal

- ***Vision:***

ToolBox will be an internet based repository of all GWP knowledge on IWRM and the first choice site for water practitioners, decision makers and partners

- ***Goal:***

ToolBox will contribute to establishing a global communication platform to share knowledge and develop capacity



Thank you for your attention!