



WMO

World Meteorological Organization

Working together in weather, climate and water

Associated Programme on Flood Management (APFM)



Geneva, Switzerland



**World
Meteorological
Organization**



HelpDesk

For Integrated Flood Management



**Global Water
Partnership**

WMO Climate and Water Department

www.apfm.info



Overview of APFM activities



Flood Management Policy Series

- Establish the principles of IFM
- Facilitate the implementation of IFM principles into the development planning practices

Publications

- IFM Concept Paper
- Legal and Institutional Aspects of IFM
- Environmental Aspects of IFM
- Social Aspects and Stakeholder Involvement in IFM
- Economic Aspects of IFM

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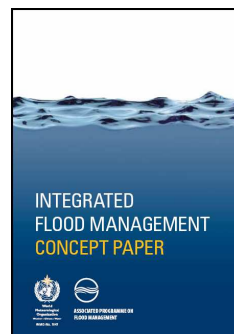


IFM Concept Paper

- Mainly to establish the principles of IFM
- English, French, Spanish, Russian and Japanese
- 3rd Edition issued in December 2009

Elements strengthened or added in 3rd edition:

- Climate variability and change
- Urbanization and urban water management
- Adaptive and robust policy
- Risk management
- Multi-disciplinarity



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IFM Tools

- Provide the **knowledge base** required for the implementation of IFM concepts in the field
- Make the decision makers and planners **aware of the related issues**
- Would be the **living documents** and **be updated** based on experiences sharing on the website

Tools would be useful for:

Capacity building;
Providing IFM HelpDesk services; and
Supplementing GWP ToolBox

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IFM Tools

1. Flood emergency planning
2. Management of Sediment-Related Risks
3. IFM as an Adaptation Tool for Climate Change: Case Studies
4. Applying Environmental Assessment for Flood Management
5. Conducting Flood Loss Assessments
6. Flood Management in a Changing Climate
7. Formulating a Basin Flood Management Plan
8. Organizing Community Participation for Flood Management
9. Reservoir Operations and Managed Flows
10. Risk Sharing in Flood Management
11. The Role of Land-Use Planning in Flood Management
12. Urban Flood Risk Management

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Flood Management Reference Centre

- Establish linkages among various disciplines, institutions, and actors involved in flood management as the reference centre
- Consist of three databases on Flood Management
 - 1) Institutions and Agencies involved in Flood Management
 - 2) Literatures on Flood Management
 - 3) Flood Management Policy and legislation

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Overview of HelpDesk activities

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IFM HelpDesk

A facility that will provide **guidance on flood management policy, strategy, and institutional development** related to flood issues to countries that want to adopt the IFM concept



**No Disaster Assistance or
Flood Emergency Response Functions !!!**

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IFM HelpDesk Objectives

- Provide **quick access** to relevant flood management information;
- Provide **guidance and momentum for reform** in favour of IFM in countries or river basins in developing flood management policies, strategies and institutional arrangements;
- Serve as a **link between flood management practitioners and decision-makers and multi-disciplinary scientific expertise and best practice**
- Provide a continuous and **sustainable capacity development mechanism** in support of IFM implementation.

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IFM HelpDesk Target Audience

- **Government officials** involved in decision making at various levels of Government, charged with a role in flood management
- **River Basin Organizations**
- **Bi- and Multilateral Organizations** involved in **Technical and Financial Cooperation**
- **UN System organizations** with a role in flood management
- **Reputed Non-Governmental Organizations** in particular those working with flood affected communities, **Voluntary and Community-based Organizations**
- **Universities**



IFM HelpDesk Outline





IFM HelpDesk Support Base Partners



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Request for HelpDesk Support 1. Through HelpDesk Website

	Request Date	Country /Region	Institution		Request Category	HelpDesk Support
1	August 2009	Brazil	Sao Carlos School of Engineering, University of Sao Paulo	University	Capacity Development	Not materialized (no institutional counterpart)
2	September 2009	Nile Basin	Nile Basin Capacity Building Network (NBCBN)	International Organization	Capacity Development	Workshop was organized in June 2010
3	September 2009	Nigeria	Ministry of environment, Bayelsa State	Government	IFM Policy, Law and Strategy	Not materialized (no institutional counterpart)
4	October 2009	Italy	Regional Environment Protection Agency of Piedmont (Arpa Piemonte)	Government	Capacity Development	Workshop was organized in November 2009
5	January 2010	Kenya	Victoria Institute for Research on Environment and Development	NGO	Capacity Development	Not materialized (Lack of funding)
6	August 2010	Pakistan	Water Resources Section, Planning Commission	Government	Capacity Development	Workshop is scheduled early 2011
7	September 2010	Hindu Kush-Himalaya	International Centre for Integrated Mountain Development (ICIMOD)	International Organization	Capacity Development	Workshop is scheduled in October 2010

In addition, HelpDesk received requests for Rapid Guidance from Benin, Poland, South Africa, Trinidad & Tobago, Iran, and Afghanistan.

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Request for HelpDesk Support

2. Through APFM Network

	Request Date	Country /Region	Institution		Request Category	HelpDesk Support
1	December 2009	Sudan	University of Gezira	University	IFM Policy + Strategy Capacity Development	Not materialized (No counterpart to support implementation)
2	March 2010	Ethiopia	University of Bahir Dar	University	Capacity Development	Workshop was organized in June 2010 in Ethiopia
3	March 2010	Uganda	Directorate of Water Resources Management	Government	IFM Policy + Strategy Capacity Development	Workshop is scheduled early 2011
4	April 2010	Sava Basin	International Sava River Basin Commission	International Organization	IFM Policy + Strategy Capacity Development	Workshop is scheduled in 2011
5	April 2010	Ukraine and Moldova	Office for the Coordination of Humanitarian Affairs	International Organization	Capacity Development	Workshop is scheduled in 2011
6	August 2010	Mekong Basin	Mekong River Commission	International Organization	Capacity Development	Workshop is scheduled early 2011

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Request for HelpDesk Support

3. Through WMO Network

	Request Date	Country /Region	Institution		Request Category	HelpDesk Support
1	September 2009	Afghanistan	Ministry of Energy and Water	Government	IFM Policy + Strategy	Not materialized (No counterpart to support implementation)
2	March 2010	Southern African Development Community	International Federation of Red Cross and Red Crescent Societies (IFRC)	International Organization	Capacity Development	On hold due to structure re-organization of the IFRC -SADC Region
3	July 2010	Paraguay	Dirección de Meteorología e Hidrología de la DINAC	Government	Capacity Development	Workshop is scheduled early 2011

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Thank you
