

April 1, 2004, Paris, FRANCI





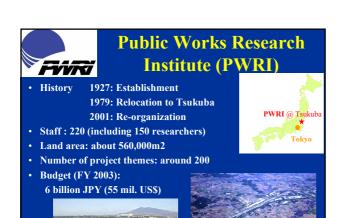
building were recognized.



Objectives of the Centre

On water hazards and risk management...

- Generate and provide scientific and technical information to the world
- Promote research involving international institutions and networks
- ➤ Undertake effective capacity-building activities
- ➤ Enhance cooperation in order to advance knowledge





Framework of the Centre

- Proposed to be established within PWRI as a global center under auspices of UNESCO (Category 2) in autumn 2005
- > Mission theme:

Water hazard and risk management

> Activities:

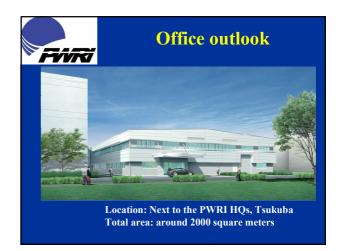
Research, Training, and Information networking

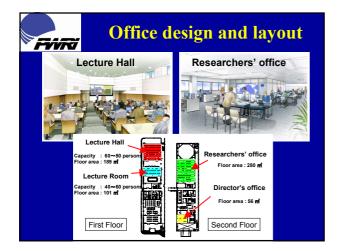
- Support from the Government of Japan (MLIT, MOFA, MEXT...)
- Partnership with UNESCO-IHP Networks, UNESCO-IHE & other global/regional institutes, UN agencies and other key organizations of the world

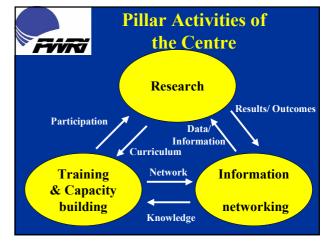


Outline of the Centre (at initial stage)

- 10 international and 10 Japanese professionals
- Support from PWRI and other relevant institutes/ organizations (e.g., NILIM)
- Administrative support from PWRI
- - **Operational budget: financed by PWRI**
 - Project budget: to be financed by various sources from inside & outside of Japan
- Office facility
 - Location and total area: Next to PWRI HQs, around 2,000 square meters
 - Total cost: 200 million JPY (2 million US\$)
 - Construction of the center will be started in April, 2004 and be completed by Autumn 2005





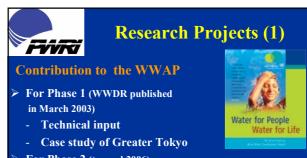




Research Activities

Conducting scientific and academic research;

- Hydraulic / hydrological prediction, observation, modeling and analysis
- Water-related hazards management technologies
- Climate change assessment study and adaptation technologies
- Contribution to the WWAP
 - · · · and others



- For Phase 2 (toward 2006)
 - **Expansion of the Case Study to country scale**
 - Indicator of Risk Management with WMO, ISDR
 - Input to the risk chapter of the 2nd World Water **Development Report (WWDR)**



Research Projects (2)

Contribute to UNESCO/WMO joint International Flood Programme, including potentionally related programmes:

- International Flood Network (IFNet) by actively collaborating to the network expansion and substantially contributing to develop Global Flood Alert System (GFAS)
- Global Cooperative Programme on Water and Climate (CPWC) by contributing through national assessment of Japan and developing the Flood Vulnerability Index (FVI)



Research Projects (3)

Co-operation with IHP risk-managementrelated programmes and activities Input of PWRI's expertise to the Centre:

- > R&D of hydrological modeling and water resources management system
- Collaboration with IAHS to develop PUBs
- ➤ Intensive study of water resources modeling in the Mekong River, etc.
- ➤ Contribution to develop GWP Tool Box

Many other projects will be coming



Training Activities (1) -experiences of PWRI-

PWRI's long experiences through conducting JICA training courses for over 35 years, including:

- river and dam engineering
- landslide engineering







Training Activities (2)

- > Group training course
 - New training courses on "water hazard mapping" (in cooperation with JICA)
 - Improvement of the existing training courses to respond to the mission of the new Centre
- ➤ Long- & short-term training for experts/ practitioners
 - Students/ professionals exchange from academic institutes worldwide
 - Internship for the future generations



Information Networking (1)

Creating knowledge base and information networking:

- Collecting, compiling and providing useful information and practices relevant to risk management, particularly through co-operation with International Fluod Programme and WWAP
- Contacting UN-systems and all other international resource organizations in collaboration with HHP networks and WWAP
- Interaction with the existing global/ regional network (IFNet, JWF, etc.)

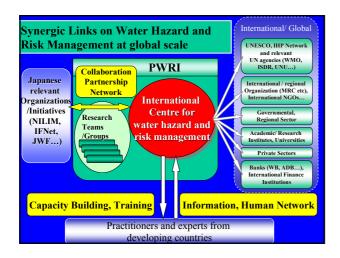


Information Networking (2)

Information networking will be synergized with research and training activities in order to enhance integration and coordination:

Through the information network...

- > Research output will be widely disseminated
- Feedbacks from countries and regions will be given to research projects
- > Trainees will develop domestic links in their own countries/ regions
- > Local needs for training items will be informed

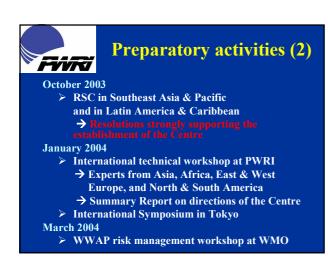




Preparatory activities (1)

July 2003

- Preparatory Committee for the UNESCO Centre Chair: Masato Seiji, Director General, River Bureau, MLIT
- Preparatory Working Team for the UNESCO Centre Chair: Akira Kitagawa, Executive Director, PWRI Vice Chair: Kenzo Hiroki, National Institute for Land and Infrastructure Management, MLIT
- > Strategic Meeting of the IHP Centres/Chairs at Delft October 2003
 - > 32nd UNESCO General Conference
 - → Announcement of intention to establish the Centre by the representative of Government of Japan





Preparatory activities (3)

- ➤ Participation in the international conferences/ meetings
 - August 2003: Stockholm Water Week (Stockholm, Sweden)
 - November 2003: Southeast Asian Water Forum (Chiang Mai, Thailand)
 - January 2004: ADB Water Week (Manila, Philippines)
 - February 2004: ISDR Asian Meeting (Siem Reap, Cambodia)
- ➤ Networking in Japan
- Coordination among MLIT, MOFA, MEXT and other water ministries and the IHP sub-committee, Japan National Commission for UNESCO



Where we stand...

- > Started constructing the office/facilities
- Established a special department devoted to the preparatory activities (headed by Akira TERAKAWA, Director)
- Launched the special Website linked with IHP website

Preparatory works will be proactively continued.



Budget status

- ➤ Budget for preparatory activities in 2003 40 million JPY (400,000 US\$) spent for...
 - Organizing International Workshop and Symposium
 - Preparatory Research
 - Collecting Information
- ➤ Ministry of Finance approved the FY 2004 budget for Centre preparation
- ➤ FY 2004 budget will be spent for active continuation and progress of the preparation



Future milestones

Key events to progress the preparatory works:

- ➤ March 31-April 2,2004:UNESCO-IHP Bureau at Paris
- > April 2004:CSD 12 (New York, USA)
- > Autumn 2004:UNESCO-IHP Intergovernmental Committee (IGC)
- ➤ Autumn 2004:Executive Board
- January 18-25, 2005: World Conference on Disaster Reduction (Kobe, Japan)
- > Spring 2005:CSD 13 (New York, USA)
- > Autumn 2005:33rd General Conference





We greatly appreciate your suggestions and supports!