Local Action of INWEPF

Message from Monsoon Asia
World water issues
Features of paddy farming
Activities of INWEPF
The INWEPF Message
UN MDGs

Food security

Poverty alleviation

World Water Issues

Water
Water allocation

Monsoon Asia

Farmer Associations
- Experience
- Knowledge

Water pricing
Ministerial Meeting on Water for Food and Agriculture
Three Challenges

- Food Security and Poverty Alleviation
- Sustainable Water Use
- Partnership
Information exchange
Partnership
Capacity building
Features of Paddy Farming and Its Water Use
High Precipitation

- Upland Regions
- Rice Regions
High P precipitation
High rice production
High rice production

Rice

600 million tons

91%
High rice production
Monsoon Asia

Population

- 2.1 billion
- 30%
- 6.1 billion
Multi-functionality of Paddy Farming
Rice production
Rice production
Flood mitigation
Prevent Soil erosion
Prevent Soil erosion
Recharge River flow and Groundwater

- Evaporation and transpiration 600mm
- Precipitation 900mm
- Water intake 1800mm
- Lateral permeation 1440mm
- Vertical permeation 360mm
- Surface runoff 660mm
Aquatic environment
Aquatic environment
Aquatic environment
Aquatic environment
Culture and Traditional events
Culture and Traditional events
Culture and Traditional events

Local Community

Culture

Tradition

Paddy farming

Ceremony
Culture and Traditional events
Objectives of INWEPF

INWEPF
INWEPF
Information Platform

- Enlarged meetings
- Steering meeting
- Virtual Meeting
- Working groups
Activities of INWEPF
Symposia
Symposia

Multi-functions and environment

Participatory water management (PIM)

Integrated water resources management (IWRM)
Symposia

turn to be a gold

important source of

animals.
Symposia
Virtual meeting

Multiple Benefits of Paddy-based Agriculture in Monsoon Asia
Virtual meeting

✓ 156 participants

✓ 240 postings
Cooperation

WUA

Local Communities

Local Authorities
Support From local level

Education

Technical & Financial Assistance from government
Commitment to international conferences
Which Functions Does Society Want from Agriculture?

- Depends on the **society**
- Depends on **cultural values**
  - ...of the society
  - ...of ethnic minorities (e.g., indigenous peoples)
  - ...of individuals
Objectives of Participatory Irrigation Management

1. Japanese irrigation systems have been developed with

   1) nationwide construction undertaken after the World War II
   2) water storage facilities provided by the land improvement
      district (JICA/WBO) according to the law on land
      improvement (Jan. 1960)
   3) agreement with farmers for a common water supply and
      water storage facilities.

   These systems have been successfully practiced in the
   farmlands where water is a major constraint.
Mechanism of centuries of sustainability in agricultural water management in monsoon Asia

- Twin Spirals of interaction between Governance and Social Capital

Phases of Governance

Accumulation of Social Capital

Experience in Governance

- Spiral between governance and water management
- Spiral between governance and social capital

- Spiral between governance and irrigation management
- Spiral between governance and social capital
Welcome to the website of the INWEPF

Last update/ March 3, 2006

News
- The First Steering Meeting / Nov. 21-22, 2004
- The Inaugural Symposium / Nov. 1-2, 2004
- The FAO-Netherland Conference "Water for Food and Ecosystems" / Jan. 31-Feb. 4, 2005
- Mail address of the INWEPF secretariat has been changed. /Mar. 9, 2005

E-Newsletters
- Vol. 1: January 21, 2005
- Vol. 2: January 27, 2005
- Vol. 3: March 8, 2005
- Vol. 4: July 28, 2005
- Vol. 5: August 17, 2005
- Vol. 6: August 29, 2005

About the INWEPF
- Purpose and Background
- Basic Documents
  - Terms of Reference 2005
  - Strategic Action Plan 2005-2006
INWEPF 2nd Steering Meeting and Symposium on the Water and Environment in Paddy fields
November 2-4, 2005 Lotte Hotel World (Jamsil), Seoul, Korea
Hosted by INWEPF Korea Committee
Sponsored by KORICO, KGD
Message from INWEPF to WWF4 INWEPF
Incorporation of multi-functionality into water resources management
Wisdom and experiences of local communities
Government assistance on management of rice water systems
Thank you for your attention