

Session Title: Towards a renewed framework for action on water in green growth to support economic, food and water security in the Asia Pacific (Regional Target AP2.1)

Main Outcomes: A strengthened framework for action on water in green growth for economic, food and water security



Food and
Agriculture
Organization
of the
United Nations



Asia-Pacific
Water Forum



Economic and Social Commission for Asia and the Pacific



MARSEILLE, FRANCE '12

Mr. Thierry Facon, Senior
Water Management Officer,
FAO-RAP, Thailand

Ms. Salmah Zakaria,
Economic Affairs Officer,
ESCAP, Thailand

15th March, 2012, 11:00-13:00 hours

1. Additional ideas & solutions

🍯 **FAO gave a broader account of solutions it could provide:**

- 🍯 a greener economy through sustainable intensification of agriculture including through modernization of irrigation systems
- 🍯 new investments in water for food through climate-smart measures that consider both climate change adaptation and mitigation.
- 🍯 transparent and accountable governance of natural resources
- 🍯 building the institutions and capacities that make a difference.

🍯 **Capping through entitlements/rights and water markets in both Australia and PR China**

- 🍯 **Monitoring of investments and results: the 3 red lines of PR China: total use, use of water per unit of industrial output, efficiency of water use in agriculture + water quality**
- 🍯 **Should we start management at local level then build up to basin? This is problematic because of the cumulative impact of local interventions. In the same vein, the cumulative impact of many small hydropower dams may be higher than the impact of large dams.**

2. Updates to the Target Action Plan, including follow-up actions

- *Regional kick-off meeting of the FAO-IWMI regional initiative to revitalize irrigation and agricultural water governance. Bangkok, 4-5 April 2012*
- *ADB Irrigation Forum, Manila, 11-13 April 2012*
- *The 2nd Asia Pacific Water Summit to be held at an unknown date in 2013*

3. Final list of commitments

Sl. No	Name for individual commitments	Organization	Commitment	E-mail
1	Mr. Bas Bouman	International Rice Research Institute (IRRI)	Development and promotion of water, energy and green house gas-reducing irrigation for rice	b.bouman@cgiar.org
2		International Network for Water and Ecosystem in Paddy Fields (INWEPF)	Promote sustainable agriculture and towards monetary assessment on multi-functionality of paddy fields in paddy growing countries	inwepf@nm.maff.go.jp
3	Prof. Tai-Cheol Kim	Chungnam National University/ CNU & International Commission on Irrigation and Drainage (ICID)	Towards upgrading design criteria to cope with extreme flood and reinforcing spillway in irrigation dam	dawast@cnu.ac.kr
4	Mr. Nguyen Phong	Centre for Training and International Cooperation(CTIC) & Vietnam Academy for Water Resources (VAWR)	Towards establishment of a Regional Training Center for Water Resources Management	phong@ctic.org.vn phongicd@gmail.com
5	Md. Adnan	Malaysian Water Partnership	Encourage Government to form a Government Dialogue Platform and a Public Stakeholder Dialogue platform for implementing IWRM in Malaysia	mdadnan@rpm-engineers.com.my
6	Mr. Satish Pathak	Indian Oil Corporation Limited (IOCL)	Towards sustainable development of India through Finger Millet production in rain-fed areas	spathak@indianoil.co.in
7	Dr. Pradip Dey	Individual commitment	Towards a priority approach involving key stakeholders of tribal farmers to combat climate change	pdey@cssri.ernet.in
8	Mr. Abhishek Mendiratta	(JKMIC)	To support knowledge management	abhmendiratta@gmail.com

4. Take away messages & unexpected results

🔴 Key take home message from Prof. Gao Zhanyi, President, ICID

- 🔴 Green Growth needed in A-P region.
 - 🔴 About 70% for agriculture – from 7bn to 9bn people (some countries use even more than 70%). Is agriculture using too much water? Need to increase water use efficiency –Improve PRODUCTIVITY
 - 🔴 We have to solve the problem and act quickly
 - 🔴 Needs leadership, institutions / governance
 - 🔴 WATER ACCOUNTING system: very important in Asia-Pacific
 - 🔴 Need for investment in water and irrigation– good example from China: neglect of investment led to problematic food security
 - 🔴 Most important: COMMUNICATION among stakeholders: Farmers, all levels to leaders, then COOPERATION among stakeholders
 - 🔴 Integrated measures to solve the problems
 - 🔴 Different stakeholders have different priorities – need incentives for farmers to save water
 - 🔴 Share knowledge and experience and take proper ACTION
- **No water security without addressing the challenges in agricultural water management first to give other sectors room for maneuver**
 - **Water in green growth, capping, red lines: one must explicitly discuss environment and ecosystems in “economic, food and water security”. Both water and energy capping may be the future**

5. Updated list of speakers and panelists

CO-ORDINATORS

- 🍷 Mr. Thierry Facon, Senior Water Management Officer, FAO-RAP; Email: Thierry.Facon@fao.org
- 🍷 Ms. Salmah Zakaria, Economic Affairs Officer, UNESCAP; Email: zakaria8@un.org

KEY-NOTE SPEAKER

- 🍷 H.E. Mr. Chen Lei, Minister, Ministry of Water Resources, Peoples' Republic of China

SPEAKERS AND PANELISTS

- 🍷 Mr Alexander Mueller, Assistant Director General, NRE, FAO, Rome ; E-mail: Alexander.Mueller@fao.org
- 🍷 Mr. Rae Kwon Chung, Director, EDD, ESCAP, Thailand; E-mail: chung1@un.org
- 🍷 Mr. Masahiko Tanoi, Director of Rural Development Bureau, MAFF, Japan; E-mail: inwepf@nm.maff.go.jp
- 🍷 Ms. Julia Bucknall, Manager of the Bank's central unit for Water, Water Anchor, World Bank; Email:- JBucknall@worldbank.org
- 🍷 Mr. Lifeng Li, Director, Freshwater Programme, WWF International, Switzerland; E-mail: lli@wwfint.org
- 🍷 Mr. Will Fargher , Director, Aither Pty. Ltd., Australia; E-mail:- will.fargher@nwc.gov.au
- 🍷 Mr. Ir.Hj. Syed Abdul Hamid bin Syed Shuib, Chairman, MANCID, Malaysia; E-mail:- hamid@moa.gov.my
- 🍷 Dr. Le Huu Ti, Associated Faculty Member on Water Resources, Danang University; E-mail: ti_lehuu@yahoo.com
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- 🍷 Mr. Shinsuke Ota, Vice-President Hon, ICID, Chairman of Asian Regional Task Force on Climate change; E-mail: jncid@nm.maff.go.jp
- 🍷 Dr. Li He , Associate Professor, China Agricultural University , PRC; E-mail: lihe@cau.edu.cn
- 🍷 Mr. Kunihito Naito, Secretary General of Japanese Committee, INWEPF ; Email: inwepf@nm.maff.go.jp
- 🍷 Mr. Cameron Ironside, Programme Director, International Hydropower Association, UK; E-mail: ci@hydropower.org

CONCLUDING REMARKS

- Dr. Gao Zhanyi, President, International Commission on Irrigation and Drainage; E-mail: gaozhy@iwhr.org

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