

The 7th International Coordination Group (ICG) Meeting GEOSS Asian Water Cycle Initiative (AWCI)

Tokyo, Japan, 5-6, October 2010
(3 October version)

Objectives

How to promote climate change adaptations by cooperating and coordinating among different societal benefit areas, Climate, Water cycle and Disasters, and to make plans for carrying the ideas into actions and sharing implementation experiences.

Agenda

Tuesday, 5 October 2010: Meeting room An301/302, An-building, IIS, The University of Tokyo

9:00 – 9:30 Registration

9:30 – 9:50 1. Opening

T. Fukui, Ministry Education, Culture, Sports, Science and Technology (MEXT) of Japan
M. Kajii, Japan Aerospace Exploration Agency (JAXA)

Group Photo

9:50 –11:00 2. AWCI Activity Reports

- 2.1 Special Report on "Flood detection using SAR imagery - A case study in Pakistan."
M. Shimada (JAXA) – 30 min
- 2.2 Summary Report including Updates of the Demonstration Projects – 10 min
- 2.3 Working Group Reports (Flood, Water Quality, Climate Change, 10 min each)

11:00 –11:20 Exhibition viewing and BREAK, Seminar room An403/404/405 (4th floor)

11:20 –12:20 3. "Capacity Building" Implementation

S. Herath (UNU)
C. Ishida (JAXA)

12:20 –13:20 LUNCH

13:20 –15:45 4. Flood and Climate Change (12 min each)

1. *Thada Sukhapunphan*: Thailand country report: "Flood in Upper Northern Basin of Thailand"
2. *Surinder Kaur*: "Cloudburst over LEH and flash floods"
3. *M. Syahril Badri Kusuma*: "Several Challenges of Flood Control Development in Citarum River Toward MDG 2020"
4. *Mohammad Ashfakul Islam*: "Flood in Bangladesh & the Importance of Regional cooperation"
5. *Irina Dergacheva*: Uzbekistan country report
6. *Mohd Zaki Mat Amin*: "Climate Change Impacts on the hydrological and Hydraulic Performance of Bekok and Labong Dams in Johor"
7. *Joesron Loebis*: Indonesia country report: "Flood Management related to Climate Change"
8. *Kazuhiko Fukami*: "Preliminary analysis on flash floods in the northwestern Pakistan, 2010, using satellite-based rainfall and global GIS data"
9. *Bashir Ahmad*: Pakistan country report, *presented by T. Koike*
10. *Tin Aung Tun*: "Water Cycle Initiative and Climate Change Impact in Myanmar"
11. *So Im Monichoth*: Cambodia country report – compiling flood and drought issues

12. *Toshio Koike*: “Multi-model applications to the assessment of the climate change impacts on floods.”

15:45 –16:05 Exhibition viewing and BREAK, Seminar room An403/404/405 (4th floor)

16:05 –17:20 5 Drought and Climate Change (12 min each)

1. *Mafizur Rahman*: “Assessment of Spatial and Temporal Drought Pattern in Bangladesh”
2. *Dang Ngoc Tinh*: “Drought, water scarcity in Vietnam for last two years”
3. *Hansa Vathananukij*: “Satellite analysis on Drought estimation in Thailand”
4. *Edna Juanillo*: “The recent El Nino Impact in the Philippine Water resources : Focus on Angat Dam”
5. *Davaa Gombo*: Mongolia country report
6. *Patricia Ann Jaranilla-Sanchez*: “Drought indices and climate change impact assessment”

17:20 –17:45 6 Water-Quality and Climate Change (12 min each)

1. *Bilqis Hoque*: “Impacts of 2010 drought on quality of water: An experience from Bangladesh”
2. *Kedar Kumar Shrestha*: “Hydrology and Water Quality Aspect of Bagmati River”

17:45 –18:10 7 Snow-Glacier-GLOF and Climate Change (12 min each)

1. *Yukiko Hirabayashi*: “Glacier Modeling”
2. *Maheswor Shrestha*: “A new model approach”, *presented by T. Koike*

18:30 – ICE BREAKER

Wednesday, 6 October 2010: Meeting room An301/302, An-building, IIS, The University of Tokyo

9:00 – 10:30 8 Preparation for Implementation Plan for Climate Change

Assessment & Adaptation

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|------------------------------|------------------------|----------|
| 1. GEOSS & APWF | :T. Koike (UT) | – 15 min |
| 2. Guide Lines | : E. Ootsuki (MLIT) | – 15 min |
| 3. Handbook | : M. Ishiwatari (JICA) | – 15 min |
| 4. Re-analysis | : K. Takahashi (JMA) | – 15 min |
| 5. Satellite Observations | : K. Imaoka (JAXA) | – 15 min |
| 6. Water Use and Agriculture | : D. Yang (TU) | – 15 min |

10:30 – 11:30 Tour to the DIAS Core System and BREAK

11:30 – 12:30 8 Preparation for Implementation Plan for Climate Change

Assessment & Adaptation - continue

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| 7. Data Integration | : E. Ikoma, H. Kinutani (UT) | – 30 min |
| 8. Hydrological Modeling | : D. Bae (SU), L. Wang (UT) | – 30 min |

12:30 –13:30 LUNCH

13:30 – 14:00 8 Preparation for Implementation Plan for Climate Change

Assessment & Adaptation - continue

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|------------------------------|------------------------|----------|
| 9. Socio-economic Approaches | : S. Nasu (KU) | – 15 min |
| 10. System Optimization | : O. Saavedra (TITECH) | – 15 min |

14:00 – 14:10 2 AWCI Activity Reports – completion

2.3 Drought working group report – I. Kaihotsu

14:10 – 15:30 9. Breakout Sessions for Harmonization

9.0 Introduction to White Paper and Points of Breakout Discussion

9.1 Climate Change Assessment & Adaptations – Flood

9.2 Climate Change Assessment & Adaptations – Drought

9.3 Climate Change Assessment & Adaptations – Water Quality

9.4 Climate Change Assessment & Adaptations – Snow-Glacier-GLOF

15:30 – 16:10 Exhibition viewing and BREAK, Seminar room An403/404/405 (4th floor)

16:10 – 17:30 10. Summary Session

10.1 Breakout Session Reports

10.2 Wrap-up

Clearly define the relationship with the WG Activities and the Demonstration Projects

17:30 ADJOURN

18:00 AWCI ICG Special Event (ICG members only)