

## **IGWCO Meeting**

**Dates: March 14, 15, 2011**

**Location: Tokyo, Japan**

The seventh annual Integrated Global Water Cycle Observations (IGWCO) Community of Practice (COP) annual science and planning meeting will take place at the University of Tokyo in Tokyo Japan on March 14 and 15, 2011. This year's meeting will be an important opportunity to review the activities of the GEO Water Societal Benefit Area during 2010; to review proposals for new water tasks for the 2012-2015 GEO Work Plan, and to initiate new IGWCO water cycle activities based on recommendations coming from workshops held during the past year. In addition, we also intend to devote some discussion time to the links between IGWCO and GTN-H and other related international programmes including CEOS, UNESCO IHP, GEWEX/WCRP and GWSP.

As usual, we will be receiving reports on progress related to each of the GEO Water SBA subtasks. We also expect to review some of the other GEO subtasks that have a connection to the Water Cycle SBA including the on-going survey of water cycle data centers and possible linkages between the Water SBA and activities in SBAs dealing with food security, energy, natural disasters and health.

The IGWCO meeting will be preceded by a GTN-H meeting on March 12 and 13, 2011, and followed by the Asian Pacific GEOSS Symposium on March 16 to 18, 2011. Those who participate in the IGWCO Planning meeting are also welcome to attend the associated GTN-H meeting and the Asian Pacific GEOSS symposium. The University of Tokyo venue provides a good opportunity for our Asian colleagues to more fully engage in IGWCO and GEO Water activities, as well as the associated GTN-H activities and the Asian-Pacific GEO Symposium.

We are indebted to Prof. Toshio Koike and Ms Akiko Goda for providing the venue and for looking after the local arrangements. Please register for the IGWCO meeting using the registration form at this site ([watercycleforum.com](http://watercycleforum.com)) and submit an abstract for a possible oral or poster presentation.

## Accommodation Options:

The local arrangement organizers have recommended the following three hotels near the Hongo campus.

1. Forest Hongo (closest to the campus)

<http://www.sunroute.jp/HotelInfoSVE?HotelCode=HFHG>

(Unfortunately, 12 March is all booked out because of the entrance examination day of University. We may wish to consider staying at one of the other two hotels.)

2. Tokyo Dome Hotel (one subway stop away + 10 minute walk)

<http://www.tokyodome-hotels.co.jp/e/index.html>

A little expensive, but a good three-four star large hotel.

3. Tokyu Stay Suidobashi (one subway stop away + 10 minute walk)

<http://www.tokyustay.co.jp/e/hotel/SUI/> Fifteen rooms have been blocked at this hotel. Please use the form available at this link when making a reservation at this hotel.

All of the above hotels have English websites, so you could try booking through the Internet. If you have difficulties in booking please contact Ms. Akiko Goda at E-mail: [goda@hydra.t.u-tokyo.ac.jp](mailto:goda@hydra.t.u-tokyo.ac.jp) (or Phone: +81-3-5841-6132 or Fax: +81-3-5841-6130).

A very tentative agenda for the meeting follows. Due to the critical nature of this year's task review we are asking all task leads (including those who cannot travel to the meeting in Tokyo) to prepare and submit a presentation. We have made arrangements for poster boards to accommodate people for whom an oral presentation is not possible due to time constraints.

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**IGWCO COP Planning Meeting**

**University of Tokyo, Tokyo, Japan**

**March 14, 15, 2011**

**Meeting Objectives:**

- 1) To review progress on the water and water-related tasks in GEO Water SBA,
- 2) To refine proposed actions and tasks for the 2012 - 2015 GEO work plan,
- 3) To explore possible linkages between the GEO Water Societal Benefit Area (SBA) and the activities of other GEO SBAs,
- 4) To review other IGWCO activities and plans not connected to the GEO Work Plan.

March 14, 2011:

0830 – 0900: Registration

0900 – 0915: Introductions

0915- 0930: Review of GEO activities and plans during the past year (Douglas Cripe)

0930-0945: IGWCO COP activities and actions during the past year. (Rick Lawford)

0945-1000: Summary of CEOS activities during the past year (TBD)

1000 – 1015: Summary of GTN-H actions and results of the recent workshop (Belasz Fekete, Wolfgang Grabs)

1015 – 1030: Break

Summary Reports from CEOS Members:

1030 – 1045: JAXA (Osamu Ochiai)

1045 – 1100: NASA (Jared Entin/ Brad Doorn/ David Toll (TBC))

1100 – 1115: ESA (TBD)

1115 – 1130: Indonesian Remote Sensing activities (Eddy Hermawan (TBC))

1130 – 1145: WMO activities related to the GEO Water SBA (Wolfgang Grabs)

1145 - 1200: GEWEX/GWSP and IGWCO activities (Peter van Oevelen, (TBC), Rick Lawford)

1200 – 1300: Lunch

1300 – 1315: WA-08-01A Soil Moisture (Peter van Oevelen (TBC))

1315 – 1330: WA-08-01B Runoff (Wolfgang Grabs)

1330 – 1345: WA-08-01C Groundwater (Sophie Vermooten)

1345 – 1400: WA-08-01D Precipitation (George Huffman (TBC))

1400 - 1415: WA-08-01G Water Quality (Steven Greb (TBC))

1415 – 1430: WA -08-01E Integrated Data Sets (CEOP) (Toshio Koike)

1430 – 1445: WA-08-01F Water for the World Demonstration Projects (Tom Wiener)

1445 -1500: WA-06-02A Prediction systems for Water management (John Schaake (TBC))

1500 – 1515: WA-06-02B Drought Impacts and Monitoring (Rick Lawford)

1515– 1530: WA-06-02C Water Towers of the World (Douglas Cripe)

1530 – 1545: WA-06-02D Drought Monitoring (Chad McNutt (TBC))

1545 – 1615: Break

1615 -1630: WA-06-07A Latin and Caribbean Water Cycle Activities/ Priorities (Angelica Gutierrez-Magness/ David Toll (TBC))

1630 – 1645: WA-06-07B Asian Water Cycle Initiative (Toshio Koike)

1645 – 1700: WA-06-07C African Water Cycle Coordination Initiative (Toshio Koike, Douglas Cripe)

1700 - 1715: Lessons for Capacity Building based on Asian Experiences (Chu Ishida (TBD))

1715 – 1730: DA-09-02a Data Centre Alliances (Rick Lawford, Toshio Koike)

1730 – 1800: Preliminary discussions regarding changes in priorities and alignments for the 2012 – 2015 Work Plan

March 15, 2011

Other Possible Work Plan Initiatives:

0830 - 0845: AIP-3 and AIP-4 Drought Monitoring Activities (Will Pozzi (TBC))

0845 – 0900: The Australian Water Information System (Stuart Minchin(TBC))

0900- 0915: JAXA Distributed Data Integration System for Water Community (Sakoto Miura)

0915-0930: DIAS: a system for regional data integration (Toshio Koike)

0930– 0945: WMO hydrological information systems (Wolfgang Grabs)

0945 – 1000: Indicator projects (TBD – Charles Vorosmarty)

1000 – 1020: Break

1020 – 1035: Evapotranspiration (David Toll (TBC). Rick Lawford)

1035 – 1050: Geodetic measurements of the water cycle (Norman Miller (TBC))

1050 – 1105: Measurements of Surface Water (SWOT) (TBD)

1105 - 1120: WACOM: Plans and Status (Bob Su, Peter van Oevelen)

1120 – 1135: Towards a CEOS Water Cycle Constellation (TBD)

1135 – 1150: Real-time monitoring of water cycle anomalies (Balazs Fekete)

1150 – 1215: Discussion of possible new work plan items

1215 – 1315: Lunch

New Initiatives:

1315 – 1330: EUGENE (Michael Nyenhuis)

1330 - 1345: Canada/ US Water Cycle Demonstration Project Program (TBD)

1345 – 1400: Water and Health Opportunities (Steve Greb)

1400 – 1415: Water and Agriculture Opportunities (TBD)

1415 – 1430: Floods (IFI Rep)

1430 – 1445: GEO UIC Water Cycle Projects (Kathy Fontaine)

1445 – 1500: CUAHSI (TBD)

1500 - 1520: Break

1520 – 1530: Charge to Discussion Groups

1530 – 1630: Discussion related to the integration across GEO water cycle tasks

Breakout Groups to discuss opportunities for integration:

GROUP A

- How can better integration across the Water SBA Tasks be achieved in the 2010-2015 GEO work plan?
- How can we more effectively link with the Water SBA activities with data systems and services projects and with GEOSS in general?

GROUP B:

- How can improved interactions between the Water SBA and other GEO SBAs be achieved?
- How can the GEO Water SBA interact more effectively with other water programs?
- What collaborative projects should be pursued in the 2012-2015 work plan?

(If possible we would also like to work in a bit of time for short country reports)

1630 – 1700: Plenary Reports

1700 – 1730: IGWCO Planning Meeting Summary and Action Items

1730: Meeting adjourns

Thank you for your interest in the IGWCO. We look forward to welcoming you to the University of Tokyo and to the IGWCO COP meeting.

Rick Lawford

Toshio Koike

Akiko Goda