AWCI Training Workshop on

Summary and Closing

Assessment of Climate Change Impact on a Watershed Hydrology and Hydrological Modeling in Cold Region Basins

Objectives of the Workshop

- Capacity building on climate change impact assessment techniques for water resources management support
- Thematic Lectures on relevant topics
- In-depth explanation of the techniques
- Demonstration
- Practical, hands-on exercises

Monday 15 September

Inaugural Session:

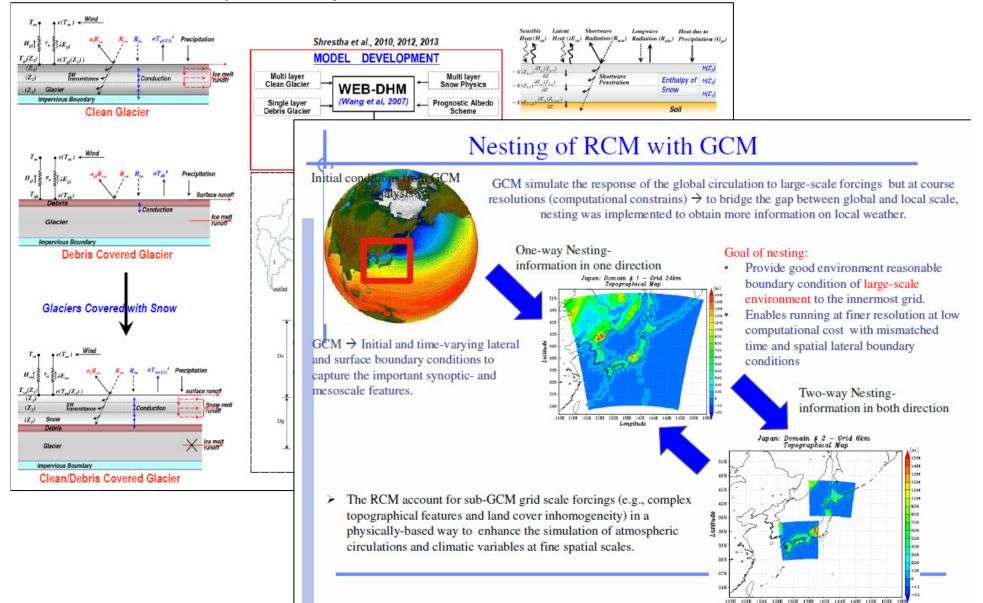
Remarks by Honorable Guests Thematic Lectures by Experts Data Tools Demonstration





Climate Change Assessment Climate Change Impact Assessment Framework - watershed hydrology In-situ Rain (1981-2000) CMIP3 20C3M (1981-2000) A1Bscenario (2046-2065) Multi-GCM Selection WEB-DHM Statistical Bias Correction Rainfall Spatial Disaggregation DEM Temperature Downscaling Soil **Relative Humidity** Land Use Wind Speed WEB-DHM Vegetation Solar Radiation JRA25 Reanalysis Calibration Basin Impact & Validation Vulnerability Assessment **Basin Parameter** Flood Drought **Decision Making & Planning IWRM**

Wednesday 17 September



Longitude

Participant Assignment

APN CAPaBLE program project (Dr. Rasul, PMD): Impact of Climate Change on Glacier Melting and Water Cycle Variability in Asian River Basins

Participants expected to submit a brief report that would be attached to the Final report of the APN project.

Participant Assignment

Report submission: by email - petra@hydra.t.u-tokyo.ac.jp

by 30 September 2014

Report contents:

- 0. Name, affiliation, email address
- 1. Overall impression from the training (1 ~ 2 paragraphs)
 - Did training content meet your expectations do you find it useful?
 - Was it well organized and explained by lecturers/trainers?
 - Was the reference material sufficient?
 - Brief summary of the activities as you remember is
- 2. CEOS Water Portal exercise:
 - Open your account
 - Browse the data available for your area of interest
 - Provide your opinion on whether and how this system could be useful for your research/work (1 ~ 2 paragraphs)

Participant Assignment

Report submission: by email – petra@hydra.t.u-tokyo.ac.jp by 30 September 2014

Report contents - continue:

3. Outcomes of the hands-on exercises

- Open your own account on the UT GCM output evaluation tool
- List of selected models
- Plots before and after bias correction for selected models, 1 grid
- Your comments on hydrological analyses

Thank you for your participation.