

TPE Precipitation Working Group Meeting

ITP/CAS, Beijing, November 14-15, 2012

Greetings Participants!

We are very pleased to welcome you to the TPE Precipitation Working Group Meeting to be held in Beijing, China, November 14-15, 2012. We appreciate your acceptance of our invitation, and look forward to your contributions to this important meeting.

Please note that we will use English at the meeting, and we prefer to see the PPT slides in English. Each talk will run for about 20 minutes with a few additional minutes for discussions. We will write up a report to summarize the outcomes from the meeting. We will need and collect inputs from all of you. We suggest in your presentations to include *a slide to present your ideas regarding the major gaps and recommendations / actions to deal with the challenges*. We will have time to discuss the major issues identified at the meeting. Based on the discussions and presentations, we plan to develop a strategy for precipitation related research under the TPE program.

As stated in the invitation letter, your travel and accommodation costs will be covered by the workshop/TPE program. A block of rooms has been booked at the Best Western Hotel. The check-in and check-out dates are Nov. 13 and Nov. 16, 2012. If you have any questions or require additional assistance for the trip, please contact the TPE program.

We look forward to seeing you in Beijing!

Hotel location:

Best Western Hotel, <http://www.bwolympichotelbj.com>
No.1 Datun Road Beishatan, Chaoyang District, Beijing
Tel: (86)010-64874433

Meeting location:

Room 915, ITP/CAS
Building 3, Courtyard 16, Lin Cui Road, Chaoyang District, Beijing
Website: <http://www.itpcas.ac.cn>

Contacts for meeting/working group:

Dr. Daqing Yang, Email: Daqing.yang@EC.GC.CA
Dr. Yinsheng Zhang, Email: yszhang@itpcas.ac.cn Tel: 010-8409-7073
TPE Program Office, Email: tpe@itpcas.ac.cn, <http://www.tpe.ac.cn>
Mr. Yingzhao Ma, Email: yzma@itpcas.ac.cn, Cell: 1521-065-9513

Agenda for the Meeting

Day 1: Nov. 14, 2012	
<i>Opening Session</i>	
8:30 – 9:00	Registration
9:00 – 9:15	Welcome and introduction: T. Yao
9:15 – 9:30	Background and meeting objectives: D. Yang
9:30 – 9:45	Review/Discussion of the agenda: Y. Zhang
9:45 – 10:10	TPE program update: T. Yao
10:10 – 10:30	Break /Refreshment/Group Photo
<i>Session 1: Observations and datasets</i>	
10:30 – 10:50	Challenges and opportunities in cold region precipitation observations and analyses: D. Yang
10:50 – 11:10	Observation networks/methods/regional/national datasets over TP: Y. Zhang
11:10 – 11:30	Bias correction of precipitation data over TP: Yingzhao Ma
11:30 – 11:50	Precipitation measurement/bias correction in the Tanggula and Qilian Mountains: X. He
11:50 – 12:10	Precipitation measurements in Pakistan: Rahmatullah Jilani
12:10 – 12:30	Upper atmosphere observation database, including APHRODITE precipitation dataset: Akiyo Yatagai
12:30 – 12:50	Comparison of precipitation derived from Thies disdrometer and rain gauges in Qinghai-Xizang Plateau: Lele Zhang
12:50 – 13:05	Discussion
13:05 – 14:00	Lunch Break
<i>Session 2: Applications of precipitation data and products</i>	
14:00 – 14:20	Effects of precipitation seasonality on glacier mass balance in the Indian monsoon zone: S. Kang
14:20 – 14:40	A high-resolution gridded precipitation dataset for China and its application in land surface modeling: Kun Yang
14:40 – 15:00	Hydrologic modeling for the major river basins in the Tibetan Plateau—uncertainties related to the precipitation input: F. Su
15:00 – 15:20	A temperature altitudinal lapse rate estimation method to improve snowfall and snowmelt simulation in a high mountain catchment with scarce gauges: Fan Zhang
15:20 – 15:40	Break /Refreshment
15:40 – 16:10	Basin water balance analyses: Lei Wang Also a short PPT by D. Yang for Baisheng Ye /his work
16:10 – 16:30	Precipitation data based on observed, satellite and model tools: T. Jiang
16:30 – 16:50	CMA work: H. Lian (TBC)
16:50 – 17:00	Discussion
18:00 – 20:00	Banquet (Best Western Hotel)

Day 2: Nov. 15, 2012	
<i>Session 3: Weather and precipitation dynamics</i>	
8:30 – 8:50	Overview of precipitation dynamics over the TP: K. Ueno
8:50 – 9:10	Impact of NAO on the dipole mode of summer precipitation on the Tibetan Plateau: Keqin Duan
9:10 – 9:30	The spatial heterogeneous distribution of precipitation at Anduo area, Tibetan Plateau, in summer 1998: Meixue Yang
9:30 – 9:50	Station and interpolated precipitation in Tibet and simulation and projected precipitation under RCP climate scenarios: Jianqing Zhai
9:50 – 10:00	Discussion
10:00 – 10:20	Break /Refreshment
<i>Session 4: Remote sensing and reanalysis</i>	
10:20 – 10:40	Evaluation of satellite precipitation retrievals in the Tibetan Plateau and their potential utilities in hydrologic modeling: Kai Tong
10:40 – 11:00	Evaluation of precipitation products with corrected measurement in China: L. Ma
11:00 – 11:20	Evaluation of precipitation products over mountainous watershed - A case study in the Heihe River Basin: X. Pan
11:20 – 11:40	Double nested dynamical downscaling experiments over the Tibetan Plateau and their projection of climate change under two RCP scenarios: Zhengming JI
11:40 – 12:00	Precipitation in the upper Heihe river basin: N. Wang
12:00 – 12:10	Discussion
12:10 – 13:30	Lunch Break
<i>Session 5: Break-out discussion and integration</i>	
13:30 – 14:30	<ul style="list-style-type: none"> ○ Group 1: observation and data ○ Group 2: application ○ Group 3: precipitation dynamics and modeling ○ Group 4: remote sensing and reanalysis
	Questions for group discussions: <ol style="list-style-type: none"> 1. What precipitation data (models/tools) and products are available for the TPE research? 2. What are the main advantages of these (models/tools) data / products? 3. What are the major issues/problems/gaps in these (models/tools) data and in their applications? 4. What are the necessary solutions/actions/projects to overcome the problems?
14:30 – 14:50	Break /Refreshment
<i>Session 6: Wrap-up and summary</i>	
14:50 – 15:50	Group leads report back (TBD)
15:50 – 16:30	Plenary discussion <ul style="list-style-type: none"> • Needs for integration: why and how • Precipitation linkages with TPE hydrology/climate/glacier/ecosystem/human elements • Major issues and gaps for TPE precipitation research • Strategy and plans for next steps
16:30 – 16:50	Summary and closing remarks: D. Yang/T. Yao