

GEWEX/LS4P Asian Team Meeting

(14-15 August 2023)

Objectives

The meeting will present recent LS4P-related research, report current status of the LS4P Phase II, discuss and finalize the LS4P-II regional climate model (RCM) intercomparison protocol, and present the LS4P-II experimental design. Potential research issues for the LS4P-II will be elucidated and discussed.

Meeting Chairs

Yongkang Xue (yxue@geog.ucla.edu) and Tandong Yao (tdyao@itpcas.ac.cn)

The local organizing committee of the Nanjing University

Dr. Weidong Guo (guowd@nju.edu.cn)

Dr. Xin Miao (miaoxin@nju.edu.cn)

Ms. Jin Li (lijin@nju.edu.cn)

Venue

Nanjing University International Conference Center (in Nanjing University Xianlin Campus), 163 Xianlin Avenue, Nanjing, China (in person) and on-line everywhere

Hotel

Guanjunlou Hotel, 169 Xianlin Avenue, Nanjing, China



Provisional LS4P-II Asian Team Meeting Agenda

Monday, 14 August, 2023

Zoom link is <https://ucla.zoom.us/j/890874951>

Provisional Agenda (All times are China Standard Time (UTC+8))

Session Chair: Yongkang Xue		
9:00-9:20	Meeting Participants	Self-introduction
9:20-9:40	Tandong Yao (ITP/CAS, China)	The imbalance of the Asian Water Tower
9:40-10:00	Jianping Tang (NJU, China)	The LS4P-II RCM Protocol proposal and prototype experiments
10:00-10:20	Miao Yu (NUIST, China)	Intercomparison of Regional Climate Models on the Interannual Variabilities in the GEWEX/LS4P Phase I
10:20-10:40	Jianping Tang and Yongkang Xue (moderators)	Discussion and finalization of the LS4P-II RCM protocol
10:40-10:50	Coffee Break	
Session Chair: Tandong Yao		
10:50-11:05	Yang Zhang (NJU, China)	Near-global summer circulation response to the spring surface temperature anomaly in Tibetan Plateau through Tibetan Plateau-Rocky Mountain Circumglobal Wave Train
11:05-11:20	Yi Qin (PNNL, USA)	Improved Subseasonal-to-Seasonal Precipitation Prediction of Climate Models with Nudging Approach: Better Initialization of Tibetan Plateau-Rocky Mountain Circumglobal Wave Train and Land Surface Conditions
11:20-11:35	Jaeyoung Song and Myung-Seo Koo (KIPS/KMA, Korea)	Experiment for Surface Temperature Anomaly in the Korean Integrated Model
11:35-11:50	Hara Nayak (UCLA, USA)	Prototype experiment to test the effects of Rocky Mountains and Tibetan Plateau LST/SUBT on global precipitation
11:50-12:00	Discussion	
12:00-13:45	Lunch and Social	

All times China Standard Time (UTC+8)

Session Chair: Tomonori Sato		
13:45-14:00	Jing Yang (BNU, China)	Subseasonal warming of surface soil enhances precipitation over the eastern Tibetan Plateau in early summer
14:00-14:15	Ping Zhao (CMA/CAMS, China)	Estimation of Surface Heat fluxes over the Tibetan Plateau using the Maximum Entropy Production Model
14:15-14:30	Shunlin Liang (HKU, China)	The Global Land Surface Satellite (GLASS) products suite: recent development
14:30-14:45	Xiaoduo Pan (ITPCAS, China)	National Tibetan Plateau Data Center and its service for LS4P
14:45-15:15	Yongkang Xue (UCLA, USA)	Review LS4P-I achievement, Current Status of the LS4P, LS4P-II Experimental Design, and Potential research issues
15:15-15:30	Coffee Break	
15:30-17:00	Yongkang Xue (moderator)	Discussions of the LS4P-II activity and plan

Tuesday Morning, 15 August 2023

- Individual group meeting with Yongkang (make appointment with Jin Li)

	NAME	INSTITUTION	PARTICIPATION
1	Cao, Zhijiong	UCLA, USA	Remote
2	Chen, Yue	IAP/CAS, China	In-person
3	Fan, Yalan	BNU, China	In-person
4	Gan, Xuebing	IAP/CAS, China	In-person
5	Guo, Weidong	NJU, China	In-person
6	Kong, Xianghui	IAP/CAS, China	In-person
7	Koo, Myung-Seo	KIPS/KMA, Korea	Remote
8	Li, Jin	NJU, China	In-person
9	Li, Na	CUIT, China	In-person
10	Li, Qian	IAP/CAS, China	In-person
11	Li, Qiaoping	CMA, China	In-person
12	Li, Shixuei	Hokkaido University, Japan	Remote
13	Liang, Shunlin	HKU, China	Remote
14	Liang, Xin-Zhong	UMCP, USA	Remote
15	Lin, Zhaohui	IAP/CAS, China	In-person
16	Liu, Weiguang	NJIAS, China	In-person
17	Li, Xin	ITP/CAS, China	Remote
18	Miao, Xin	NJU, China	In-person
19	Nayak, Hara	UCLA, USA	Remote
20	Pan, Xiaoduo	ITP/CAS, China	In-person
21	Qi, Xin	BNU, China	In-person
22	Yi Qin	PNNL, USA	Remote
23	Quan, Jiping	CMA, China	In-person
24	Saha, Subodh Kumar	IITM, India	Remote
25	Sato, Tomonori	Hokkaido University,	Remote

Japan

	NAME	INSTITUTION	PARTICIPATION
26	Shao, Yuhang	IAP/CAS, China	In-person
27	Shen, Samuel	SDSU, USA	Remote
28	Shi, Xueli	CMA, China	In-person
29	Song, Jaeyoung	KIPS/KMA, Korea	Remote
30	Sugimoto, Shiori	JAMESTEC, Japan	Remote
31	Takaya, Yuhei	MRI, Japan	Remote
32	Tang, Jianping	NJU, China	In-person
33	Tian, Fengyun	IAP/CAS, China	In-person
34	Wang, Aihui	IAP/CAS, China	In-person
35	Wang, Wenchao	NUIST, China	In-person
36	Xu, Haoran	NUIST, China	In-person
37	Xue, Yongkang	UCLA, USA	In-person
38	Yang, Kun	THU, China	In-person
39	Yao, Tandong	ITP/CAS, China	Remote
40	Yu, Miao	NUIST, China	In-person
41	Zhang, Hongliang	CMA, China	In-person
42	Zhang, Huiwei	IAP/CAS, China	In-person
43	Zhang, Yang	NJU, China	In-person
44	Zhao, Ping	CMA, China	Remote