

International Training Course on Cryosphere Observation, Monitoring, and Research along the Belt and Road

Lanzhou China, 15-26 August, 2024



Organized and Sponsored by:

Chinese Academy of Sciences (CAS)

Key Laboratory of Cryospheric Science and Frozen Soil Engineering,
Northwest Institute of Eco-Environment and Resources, CAS

China Society of Cryospheric Science

Co-organized by:

Global Cryosphere Watch, World Meteorological Organization

Third Pole Regional Climate Centre (Beijing)

International Research Center for China-Mongolia-Russia Cold and Arid
Regions Environment and Engineering



Lecture Schedule

Venue: 7th Floor Meeting Room, Building 3, NIEER

Wednesday 14 August 2024		
Time	Activity	Place
15:00-18:00	Registration	7th Floor Meeting Room, Building 3, NIEER
Thursday 15 August 2024		
Time	Activity	Speaker/Moderator
9:00-10:00	Opening Ceremony and Self-introduction	Dahe Qin Shichang Kang
10:00-10:30	Group Photo and Break	
10:30-12:00	Course: Cryospheric Science, Present and the Future	Dahe Qin Shichang Kang
12:00-14:40	Lunch	
14:40-16:10	Course: Glacier Remote Sensing	Wanqin Guo
16:10-16:30	Break	
16:30-18:00	Course: Snow Cover Observation	Charles Fierz (online)
18:00-	Banquet	
Friday 16 August 2024		
Time	Activity	Speaker/Moderator
9:00-10:30	Course: Sea Ice Observation	Peng Lu
10:30-10:50	Break	
10:50-12:20	Course: Cryosphere Engineering	Guoyu Li (online)
12:20-14:40	Lunch	
14:40-16:10	Course: Cryosphere Carbon Cycling	Xiaodong Wu
16:10-16:30	Break	
16:30-18:00	Course: Cryosphere Ecology	Shengyun Chen Ali Bahadur

18:00-	Dinner	
Saturday 17 August 2024		
Time	Activity	Speaker/Moderator
9:00-10:30	Course: Climatic and Environmental Records in the Cryospheric Region	Cunde Xiao (online)
10:30-10:50	Break	
10:50-12:20	Course: Cryospheric Chemistry, Monitoring and Key Processes	Yulan Zhang
12:20-14:40	Lunch	
14:40-16:10	Course: Cryospheric Hydrology Observation	Hongkai Gao (online)
16:10-16:30	Break	
16:30-18:00	Course: Cryospheric Meteorological Observation	Lijuan Ma
18:00-	Dinner	
Sunday 18 August 2024		
Time	Activity	Speaker/Moderator
9:00-10:30	Course: Cryosphere and Sustainable Development	Xiaoming Wang (online)
10:30-10:50	Break	
10:50-12:20	Course: Cryosphere Models and Simulations	Yong Luo
12:20-14:40	Lunch	
14:40-18:00	Lab Tour and Free Time	Xiaodong Wu
18:00-	Dinner	
Monday 19 August 2024		
Time	Activity	Speaker/Moderator
9:00-10:30	Course: Snow Cover Remote Sensing	Tao Che (online)
10:30-10:50	Break	
10:50-12:20	Course: Permafrost Monitoring	Tonghua Wu

12:20-14:40	Lunch	
14:40-16:10	Course: Cryospheric Hazards Monitoring	Donghui Shangguan
16:10-16:30	Break	
16:30-18:00	Course: Observation of Ground Based Glacier Mass Balance	Thorsteinn Thorsteinsson (online)
18:00-	Dinner	
Tuesday 20 August 2024		
Time	Activity	Speaker/Moderator
9:00-10:30	Group Presentation and Discussion-I	Shichang Kang Xiaodong Wu
10:30-10:50-	Break	
10:50-12:20	Group Presentation and Discussion-II	Shichang Kang, Xiaodong Wu
12:20-14:40	Lunch	
14:40-16:10	Group Presentation and Discussion-III	Tonghua Wu Yulan Zhang
16:10-16:30	Break	
16:30-18:00	Group Presentation and Discussion-IV	Tonghua Wu Yulan Zhang
18:00-	Dinner	

Field Trip Schedule

Date	Visiting Site	Speaker/Moderator
Wednesday 21 August, 2024	Eboling Mountain (Qilian county) and Heihe Remote Sensing Experimental Research Station	Wentao Du Kun Wang Tanguang Gao
Thursday 22 August, 2024	Bailanghe No. 21 Glacier	Wentao Du Kun Wang
Friday 23 August, 2024	Zhangye-Dunhuang	
Saturday 24 August, 2024	Dunhuang Gobi and Desert Ecological and Environmental Research Station	Wentao Du Kun Wang
Sunday-Monday 25-26 August, 2024	Dunhuang-Lanzhou	
Monday 26 August, 2024	Lanzhou Tour (Gansu Museum)	Wentao Du Kun Wang
Tuesday 27 August, 2024	Return	

Participants list

No	Name	Affiliation
1	Abdul Haq	Pakistan Council of Scientific & Industrial Research (PCSIR), Pakistan
2	Muhammad Rafiq	Balochistan University of IT, Engineering and Management Sciences, Quetta, Pakistan
3	Muhammad Naveed Anjum	Department of Land and Water Conservation Engineering, PMAS-Arid Agriculture University, Rawalpindi, Pakistan
4	Isma Kulsoom	Institute of Mountain Hazards and Environment CAS, China
4	Farooq Ahmed	Institute of Mountain Hazards and Environment CAS, China
6	Sadaqat Hussain	Changan University, China
7	Nasir Abbas	Karakorum international University Gilgit Baltistan, Pakistan
8	Zahoor Ahmad	Aerospace Information Research Institute, Chinese Academy of Sciences (AIRCAS), China
9	Dibas Shrestha	Tribhuvan University, Nepal
10	Finu Shrestha	International Centre for Integrated Mountain Development (ICIMOD), Nepal
11	Nitesh Khadka	Institute of Mountain Hazards and Environment CAS, China
12	Kiran Bishwakarma	Institute of Tibetan Plateau Research, CAS, China
13	Rakesh Kayastha	Kathmandu University, Nepal
14	Manish Raj Gouli	Institute of Mountain Hazards and Environment CAS, China
15	Dawa Tshering Sherpa	Kathmandu University, Nepal
16	Navaraj Pokhrel	Tribhuvan University, Nepal
17	Mahmoud Mostafa AbdElRahim Mohamed Khalil	Minia University, Egypt
18	Hazem Saad Ahmad Amawi	Ministry of Agriculture, Jordan

19	Bilguun Tsogoo	Institute of Geography and Geoecology, Mongolia
20	Maralmaa Ariunbold	Institute of Geography and Geoecology, Mongolia
21	Mohammed Gedefaw Mammed	University of Gondar, Ethiopia
22	Yasir Khairi	Ministry of Agriculture, Iraq
23	Abhishek Banerjee	Northwest Institute of Eco-Environment and Resources, CAS, China
24	Mustafo Safarov	Northwest Institute of Eco-Environment and Resources, CAS, China
25	Ran Zhang	World Meteorological Organization (WMO)
26	Chuanlin Deng	Northwest Institute of Eco-Environment and Resources, CAS, China
27	Zhihan Zheng	Beijing Normal University, China