

Central Asia Regional Information Network (CARIN): <https://centralasiarin.net>

The Second CARIN virtual workshop will be held online May 12-13, 2022. All Working Group reports of the IPCC 6th Assessment have now been released. It is fair to say that Central Asia remains a bit of mystery to the international community of scientists, scholars, and policymakers. Our objective in the workshop will be to identify how these knowledge gaps can be addressed through collaborative efforts facilitated by CARIN. Please join us both for talks by regional and international scholars and for the working groups aimed to identify and enable collaborations.

Questions? Email henebryg@msu.edu or castner1@msu.edu

Agenda for the Second CARIN virtual workshop

Note: the language of the workshop will be English; interpretation will not be available.

Day One: Thursday May 12, 2022

START: 0800 EDT (*Berlin 1400; Ashgabat/Dushanbe/Tashkent 1700; Bishkek/Nursultan 1800; Ulaanbaatar 2100*)

Opening remarks by **Dr. Geoff Henebry**, CARIN US coordinator (6 min)

Dr. Garik Gutman (NASA HQ/LCLUC Program) on NASA LCLUC Program (8 min)

Dr. Krishna Vadrevu (NASA LCLUC Program) on GOF-C-GOLD Regional Networks (8 min)

Dr. Geoff Henebry (Center for Global Change and Earth Observation, Michigan State University) **Central Asia and the IPCC AR6: Toward a Gap Analysis** (17 min+3 min Q&A)

Dr. Xin Xi (Michigan Tech. U.) **What Can We Learn about Central Asian Climate from Recent Extreme Dust Storms?** (12 min+3 min Q&A)

Dr. Mamanbek Reimov (Tashkent Institute of Irrigation and Agricultural Mechanization Engineers) **Geoinformation Analysis and Mapping of Ecosystem Services in Protected Areas** (12 min+3 min Q&A)

Instructions on Breakout activity (10 min)

Break (10 min)

Breakout Groups to identify key regional research gaps: (1) **Agriculture & Food**; (2) **Natural Hazards**; (3) **Water Resources**; (4) **Urban Challenges** (50 min)

Headlines from each Breakout Group: (8 min each = 32 min)

Dr. Geoff Henebry, close of Day One and looking ahead to Day Two (6 min)

END: 1100 EDT (*Berlin 1700; Ashgabat/Dushanbe/Tashkent 2000; Bishkek/Nursultan 2100; Ulaanbaatar 0000*)

Day Two: Friday May 13, 2022

START: 0800 EDT (*Berlin 1400; Ashgabat/Dushanbe/Tashkent 1700; Bishkek/Nursultan 1800; Ulaanbaatar 2100*)

Day 2 opening: **Dr. Mirasil Mirzoev** (CARIN regional coordinator, Tajik Agrarian Univ) (5 min)

Dr. Zheenbek Kulenbekov (CARIN regional coordinator, American University of Central Asia)
“**Addressing IPCC Knowledge Gaps in Central Asia: Paths Forward**” (12 min+3 min Q&A)

Dr. Sarah Robinson (Justus Liebig University) **Ranchers or Pastoralists? Farm Size, Specialization, and Production Strategy among Cattle Farmers in SE Kazakhstan** (15 min+5 min Q&A)

Dr. Eldiir Duulatov (Institute of Geology, National Academy of Sciences of the Kyrgyz Republic) **Defining Soil Loss and Sediment Yield in the Upper Naryn Basin, Kyrgyzstan** (12 min+3 min Q&A)

Dr. Saltanat Mambetova (University of Central Asia, Khorog, TJ) **Phenotypical and Morphological Characterization of Potato (*Solanum tuberosum*) Diseases in Gorno Badakshan Autonomous Oblast, Tajikistan** (12 min+3 min Q&A)

Dr. Michael Brody (George Mason University) **GEWEX & Climate Science in Central Asia** (10 min+2 min Q&A)

Charge to Breakout Groups (5 min)

Break (8 min)

Thematic Breakout Groups work on their reports (25 min)

Presentation of Breakout Groups reports (10 min each = 40 min)

Dr. Geoff Henebry (MSU) on emerging issues for CARIN (10 min)

Dr. Garik Gutman (NASA HQ, LCLUC Program) closing remarks (10 min)

Meeting closure by **Dr. Geoff Henebry** (MSU)

END: 1100 EDT (*Berlin 1700; Ashgabat/Dushanbe/Tashkent 2000; Bishkek/Nursultan 2100; Ulaanbaatar 0000*)

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