

NADP Spring 2023 Meeting
Critical Loads of Atmospheric Deposition (CLAD)
Science Committee Meeting
May 1-2, 2023

The meeting will be hybrid, with both in-person and remote connections. If you plan to attend remotely, please register in advance at this site:

<https://uwmadison.zoom.us/meeting/register/tJwrc-2rqToiH9xFkyBbKnwFMix1IHB8bsCt>

CLAD Business Meeting, May 1

Log in and Roll Call, 8:30 am CT

Welcome, 8:45 am CT:

1. Meeting logistics
2. Introductions of CLAD Executive Committee
3. Agenda overview

Project Updates, 9:00 am CT

1. CLAD Website Update (*Emmi Felker-Quinn/Linda Pardo*) 5 minutes
2. CL Hub Overview (*Linda Pardo*) 10 minutes
3. CLAS update (*Linda Pardo*) 5 minutes
4. Trends and Conditions Site (*Mike Bell*) 15 minutes
5. CASAC NO_x/SO_x/PM Secondary NAAQS Panel PA Briefing (*Ginger Tenant*) 5 minutes
 - a. <https://casac.epa.gov/ords/sab/f?p=113:19:9748500009034:::RP,19:P19 ID:988>

Working Group Updates, 9:40 am CT

- 9:40-9:50 CT WG1: National CL Database (*Jason Lynch*)
- 9:50-10:05 CT WG2: Critical Load Uncertainty (*Chris Clark*)
- 10:05-10:20 CT WG3: Critical Load Synthesis (*Linda Pardo*)
- 10:20-10:35 CT WG4: Deposition Uncertainty (*Mike Bell*)
- 10:35-10:50 CT WG5: CLAD Education and Outreach (*Linda Geiser and Jen Phelan*)
- 10:50-11:05 CT WG6: Critical levels of ozone (*Jeff Herrick*)

BREAK, 11:05-11:30 CT

Critical Loads Projects Round Robin, 11:30-12:00 CT:

- We ask each of the attendees to briefly describe their current critical load and deposition effects research and management projects. NEED THE LINK FROM EMMI
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CLAD Working Group Meeting, May 2

Welcome and Agenda Overview, 1:30-1:45 pm CT

Canadian Critical Loads Discussion, (Shawn Watmough, Mike Bell, Jason Lynch) 1:45-2:45 pm CT

Objectives:

1. Building multiagency support and involvement in development of Canadian CLs
2. Identifying comparable datasets to US data for development of North American CLs

BREAK, 2:45-3:00 pm CT

WG-6 Critical levels of Ozone discussion (Jeff Herrick, Kris Novak, Emmi Felker-Quinn), 3:00-3:30 pm CT

3:00-3:05 - Introduction/welcome - Jeff Herrick & Kris Novak (EPA)

3:05 -3:10 - Huiting Mao (SUNY- ESF) - Modeling ozone metrics at Yellowstone and Grand Teton National Parks

3:10-3:15 - Daniel Winkler (USGS) - Ozone effects in western parks

3:15-3:20 - Emmi Felker-Quinn (NPS) –Ozone Critical Levels in National Parks

3:20-3:25 - Emmi Felker-Quinn (NPS) –Ozone foliar injury in National Parks

3:25-3:30 – Discussion and wrap-up

Synthesis papers, next steps and planning, 3:30-4:15 pm CT

- Ongoing and planned research papers in support of broader CL synthesis work
- CL Hub
- Outreach to resource managers

Future Directions and Focal Areas for CLAD, (*Nifer Wilkening, Chris Clark, Linda Geiser*) 4:15 – 5:00 pm CT

- Climate change and incorporation/development of stand-alone climate thresholds
- Thresholds for other emerging pollutants?