

*Call for Abstracts for
Oral & Poster Presentations at the upcoming*

**NORTHWEST SCIENTIFIC ASSOCIATION
93rd ANNUAL MEETING**

**A Joint Meeting with American Association for the Advancement of
Science - Pacific Division and Northwest Lichenologists**

Western Washington University, Bellingham, March 21-24, 2023

“Reconnecting Regionally”

PLENARY Speakers

Michele Koppes, *University of British Columbia*: Braiding knowledges of braided rivers: embracing place-based, local and indigenous knowledges, and lived experience in the science of landscapes

John Clague, *Simon Fraser University*: Giant ice-age floods – an example from British Columbia

Nathan Kuwada, *Central Washington University*: Dynamic mechanisms responsible for structure and organization in bacterial cells

Jozef Stec, *Marshall B. Ketchum University; President, AAAS-Pacific Division*: Ancient and modern infectious diseases: An overview of their impacts on global health, economy, and security

SPECIAL SESSIONS

Climate Impacts, Adaptations, and Justice
Drone Technology: Innovations in the Sky
The Science of Making Change: Occupying the Political Space

WORKSHOPS

Chemistry of Color in Art
Informal Science Writing
Lichens and Bryophytes

General Topics for Contributed Papers/Posters

Anthropology & Archaeology	Engineering & Material Sciences	Mathematics
Atmospheric & Hydrologic Sciences	Evolutionary Biology	Natural Resources
Botany, Plant Ecology, Fire Ecology	Fire Ecology	Paleontology
Cell & Molecular Biology	Fisheries & Wildlife Biology	Physics
Chemistry & Biochemistry	Forestry & Range Management	Psychology & Social Sciences
Citizen Science	Geology & Geomorphology	Restoration Ecology
Climatology & Meteorology	Geographic Information Science	Science Education & Communication
Computer & Information Sciences	Health Sciences	Science in the Arts & Humanities
Ecology	Lichenology & Bryology	Societal Impacts of Science & Engineering

Abstract submission is open now and closes February 22, 2023

<https://www.northwestscience.org/>
<http://www.aaaspd.org>

*Join Scientists from all over the West, present your latest research, and exchange ideas.
Students encouraged to present talks or submit posters to judged session with prizes!*



2023 PROGRAM

Tuesday – March 21

- ◆ NWSA Board Meeting
- ◆ NWSA Evening Social

Wednesday – March 22

- Morning and Afternoon Plenary Speakers and Special Sessions
- Workshops, Concurrent Contributed/Invited Oral Sessions
- Social and Poster Session with Poetry Competition

Thursday – March 23

- Morning and Afternoon Plenary Speakers and Special Sessions
- Workshops, Concurrent Contributed/Invited Oral Sessions
- NWSA Business Meeting and Lunch – all invited and lunch included with registration
- Social and Poster Session with Awards

Friday – March 24: Field Trips

- Skagit River Hydroelectric Project
- Padilla Bay National Estuarine Research Reserve and Skagit Bay
- Northwest Lichenologists

Visit our websites for more information: <https://www.northwestscience.org/> <http://www.aaaspd.org/>

Or contact Jon Riedel, 2023 NWSA 93rd Annual Meeting Chair riedeljon7@gmail.com

or Bob Hickey, Executive Director AAAS-PD aaaspd.director@gmail.com



View to south of Mt. Baker with Mazama Glacier in foreground. Photo Credit: John Scurlock