

Wetlands Working Group

April 19, 2023, 10 to 12 pm

Meeting ID: meet.google.com/xdz-ssrx-acg

Phone Numbers (US)+1 541-714-3933 PIN: 552 653 645#

- 10:00 Welcome (Diane Menuz, Utah Geological Survey)
- 10:05 Christine Rumsey, Hydrology, U.S. Geological Survey, talk on Saline Lakes science strategy update
- Contact information: crumsey@usgs.gov
 - Link to meeting notes from stakeholder meetings:
<https://www.usgs.gov/special-topics/saline-lakes-ecosystems-integrated-water-availability-assessment/news/saline-lakes>
- 10:35 Sarah Marshall, Wetland Ecologist, Colorado Natural Heritage Program, talk on using remote sensing and machine-learning techniques to map the extent of wetlands and beaver ponds and quantifying how they change over time
- Contact information: sarah.marshall@colostate.edu
 - Colorado River basin dynamic wetland mapper:
<https://csurams.maps.arcgis.com/apps/webappviewer/index.html?id=2fa3527926d2415d8ea0786838b712bd>
- 11:05-11:35 Laurel Salito, Nevada Water Program Director at The Nature Conservancy, Stressor and Threat Assessment of Nevada Groundwater Dependent Ecosystems.
- Contact information: laurel.saito@tnc.org
 - Water level trend tool: [Nevada iGDE story map: https://arcg.is/qyj0v](https://arcg.is/qyj0v)
 - TNC-Nevada work on groundwater-dependent ecosystems, including link to the GDE report: <https://www.groundwaterresourcehub.org/where-we-work/nevada/>
 - Shallow Groundwater Estimation (SAGE) Tool: <https://github.com/tnc-ca-geo/SAGE>
- 11:35-11:55 Groundwater Dependent Ecosystem discussion led by Laurel Salito
- What strategies do you use for managing or sustaining groundwater dependent ecosystems (GDEs), including wetlands?
 - What are pros and cons of those strategies (e.g., cost, time, effort, logistics, etc.)?