

Joint SPBRT / MRT Environmental & Recreation Subcommittees

Meeting Summary

April 26, 2023
3:00 pm – 4:00 pm

In Attendance:

David Nickum, Sarah Marshall, Kirk Vincent, Lynda James, Casey Davenhill, Diane Kielty, Deb Hummel, shley Mertz, Laura Quattrini

3:00 pm

1. Sarah Marshall, Colorado Natural Heritage Program, Wetlands Assessment and Mapping Tools

Tracking wetland changes to monitor drought/aridification and beaver wetland complexes over time using repeatable low-cost Machine Learning techniques. The computer training modeling method was discussed. They have been able to add topographic data to inform the probability of wetland occurrence. Using information in the plains and identifying diverse classes of wetlands. Helpful for looking at beaver wetland functions in sediment capture, fire, drought resilience, and habitat. Urban beaver conflict zones, habitat connectivity, and mapping tool uses were discussed. Presentation available by request.

Colorado River Basin Dynamic Wetland Mapper - [Colorado River Basin Dynamic Wetland Mapper \(arcgis.com\)](https://arcgis.com)

[Beavers and Wildfire: a stop-motion story by Emily Fairfax - YouTube](#)

2. Modified legislation on stream restoration and water right administration -

<http://leg.colorado.gov/bills/SB23-270>

Topics for Next Month: David Nickum is looking for a host for next month

- Healthy Rivers Report Card Tool
- Recreation topic – Blue Trails water-based recreation and travel
- Page 225 – 3.8 Interagency watershed planning tool? [Colorado WaterPlan 2023 Digital.pdf \(state.co.us\)](#)
- Greenway Foundation activities

4:26 pm - Adjourn.