

Existing Data Panel: State Agency Information on River Environments

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The collaborators for this panel represent a broad range of individuals and entities working to assess and understand the issues facing New Mexico's rivers. The presentations are grouped by discipline, but the nature of rivers and the services they provide lead to overlap and connection. For instance, alterations in river flow may affect water quality, increasing salinity or siltation which may impact the species in the river as well as the use of the water for agriculture. Recognizing the state of our river functions is central to understanding the importance of environmental flow for New Mexico.

The presentations will be available after the conference at the All About Watershed website (<http://allaboutwatersheds.org/groups/EFWG/public/3-15-10-meeting-presentations/>). The data presented represents a small portion of the data available; more information on each of the topics is available as follows.

Aquatic Species of Concern

- Comprehensive Wildlife Conservation Strategy
- <http://fws-nmcfwru.nmsu.edu/cwcs/default.htm>
- New Mexico Department of Game and Fish Conservation Services Division (recovery plans and reports for imperiled species)
<http://www.wildlife.state.nm.us/conservation/index.htm>

Water Quality Impairment

- New Mexico Environment Department, Surface Water Quality Bureau Monitoring and Assessment Program <http://www.nmenv.state.nm.us/swqb/MAS/>
- Clean Water Act §303(d)/§305(b) Integrated List & Report of State of New Mexico Water Quality <http://www.nmenv.state.nm.us/swqb/303d-305b/2010-2012/>
- Environmental Protection Agency Wadeable Streams Report
http://www.epa.gov/owow/streamsurvey/pdf/WSA_Assessment_May2007.pdf

Riparian Area and Upper Watershed Condition

- NM Forest and Watershed Health Plan
<http://allaboutwatersheds.org/library/plans/new-mexicos-forest-and-watershed-health-plan/FWHPLAN033005.pdf>
- New Mexico State Assessment of Natural Resources
<http://allaboutwatersheds.org/groups/SAS>
- New Mexico Natural Heritage Program (rare species and ecological assessment data)
<http://nhnm.unm.edu/>
- Plant Association Technology Transfer Initiative
<http://allaboutwatersheds.org/groups/patti>

Geomorphic Function

- Healthy Watersheds, Hydrologic/Geomorphic Assessments
http://www.epa.gov/healthywatersheds/examples/hydrologic_geomorphic.html
- USGS - Water Resources of New Mexico
<http://nm.water.usgs.gov/>

Shallow Aquifers

- New Mexico Active Water Level Network, USGS
http://groundwaterwatch.usgs.gov/googlemaps/NM_gm.html
- Evaluation of Management Alternatives in the San Acacia Reach Based on High-Resolution Modeling
http://www.fws.gov/southwest/bhg/Power%20Point/GW_SW/BHG%20Bowman.ppt

Climate/Drought Vulnerability

- EPA Global Change Research Program
<http://www.epa.gov/ord/npd/globalresearch-intro.htm>
- USGS Climate Change: The Science of Impacts
<http://www.fort.usgs.gov/ClimateChange/>
- The Nature Conservancy
http://nmconservation.org/downloads/multi/category/climate_change/