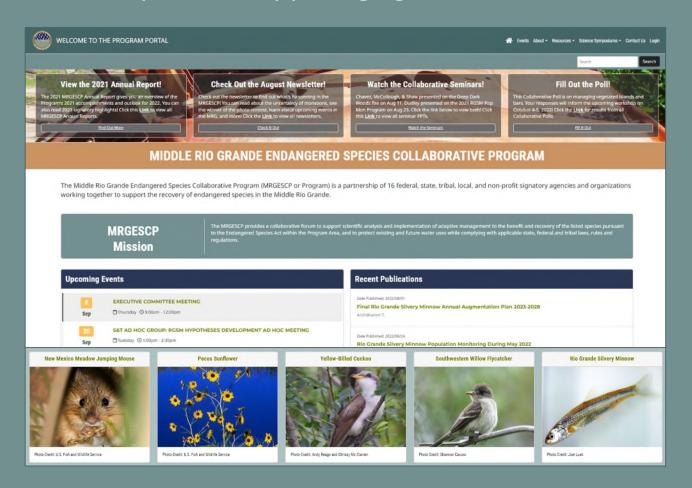# 2023 MRGESCP Portal Workplan

https://webapps.usgs.gov/MRGESCP/

Funding for new development

The portal has been in its current form for about two years.

USGS has new funding from USACE for support and development of the portal through calendar year 2023.

Stakeholder input

Two stakeholder meetings were held in September and November of 2022 to evaluate the MRGESCP portal and refine the scope of work for the coming year.
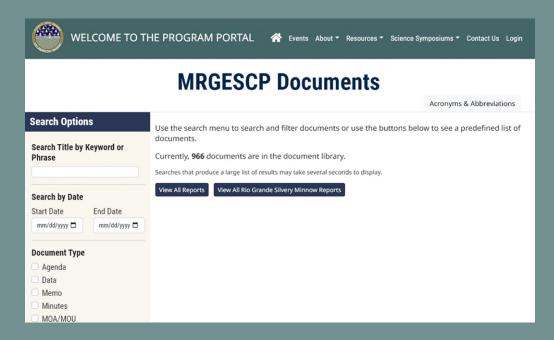
The September meeting focused on
- How people use the portal (desktop and mobile)
- Data sets
- The interactive map
- External resources

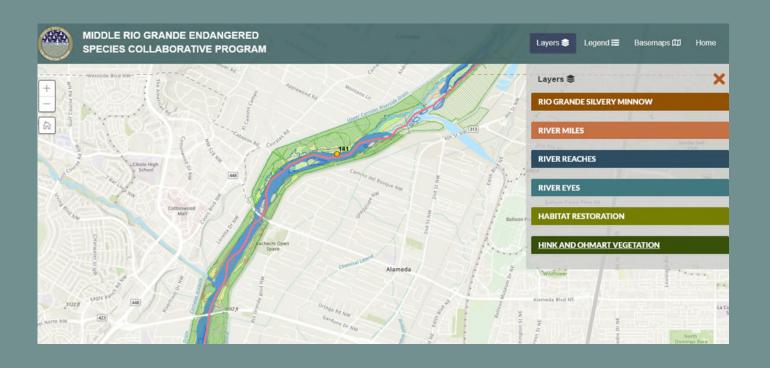The November meeting focused on potential new features.

Document library

- Speed up search tool
- Provide alternate method to find documents (list/table)
- Add messages and instructions to the search interface to improve the user experience
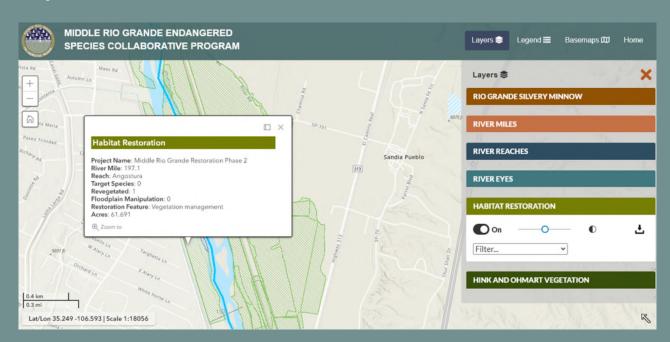
Interactive map – new or updated datasets

- 2022 River Miles
- Landmarks
- Vegetation (H&O, etc.)
- BEMP data
- Habitat Restoration
- Rescue data (RGSM)
- Augmentation data (RGSM)
- Population monitoring data (RGSM)
- USGS gages, real-time streamflow
- Critical habitat
- River Eyes
- Snow depth
- Soil moisture
- Additional map data suggestions welcome

Interactive map framework

- Migrate from ESRI JavaScript API to Leaflet
- Make the map more mobile friendly
- Improve filters and pop ups
- Create documentation for using MRGESCP map services in ArcGIS Online, ArcMap, ArcGIS Pro, QGIS, etc.

Add information about program partners

- Add logo, link, and description about the program partners and what MRGESCP projects they are working on.

External resources page

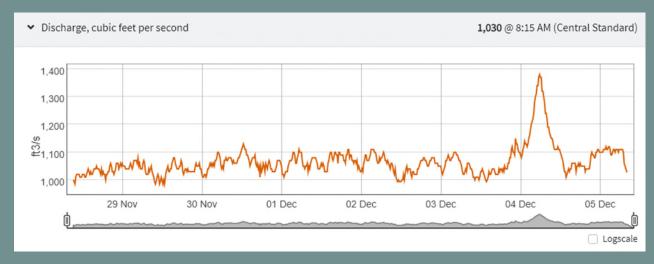Add page with links and short descriptions for external resources.
- State Wildlife Action Plan
- New Mexico Riparian Map
- Biota Information System of New Mexico
- USGS Water Dashboard
- Water Quality Portal
- Reclamation Reservoir Map
- USGS Surface Water for the Nation
- BEMP
- University of New Mexico
- Scientific literature and GIS data
- FWS endangered species pages
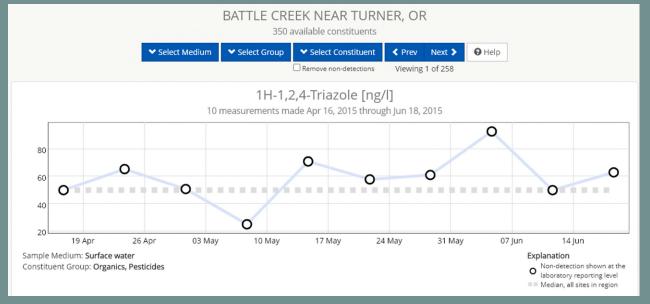- Additional resource suggestions welcome

Review and improve website organization and user experience

- Fewer clicks to get to data
- Make site more engaging
- Make site more intuitive, easier to navigate (organization, sitemap, story map)
- Add more pictures
- Add descriptions for datasets, links, program partners
- Add key highlights from previous year
- Add instructions on how to get new data added to the map and the data pages, who to contact, how to request new features
- Provide examples, wireframes
- Test with users
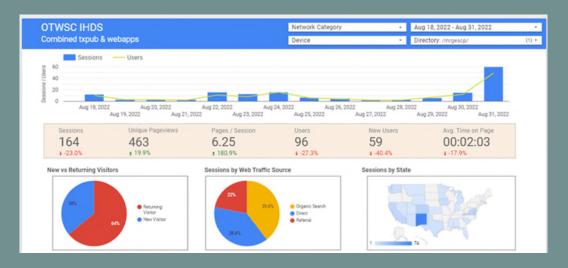
Explore time series options

- Create examples to demo
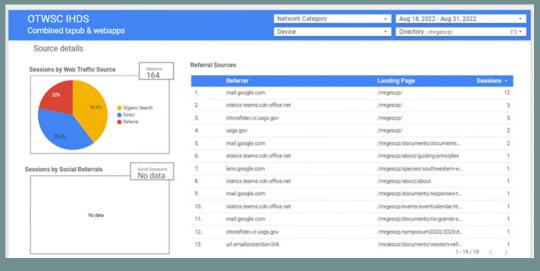- Outline requirements for adding data to time series

Analytics

- Segregate analytics from WEST and USGS users

- Track downloads

- Track map layer usage

- Meet to discuss options for
  - Usage heat maps
  - Custom analytics reports

Additional tasks

- General site maintenance and user support
- Update the site database
- Update the content management system
- Migrate map services to newer formats, etc.
- Troubleshoot technical problems
- Maintain servers

Schedule

- Document library search –winter 2023
- External resources page and signatory logo page, spring 2023
- UX improvement- winter/spring 2023
- Time series dev/workshop- spring 2023
- Analytics- winter 2023
- Interactive map migration to Leaflet – winter 2023
- Interactive map- new data and data updates – spring/summer 2023

Next steps

- Think about long term funding. Current funding from USACE goes through calendar year 2023.

- Contribute data, documents, and ideas. Reach out to WEST and they will share it with the development team.

- Participate in the workshop for developing time series visualizations.

- Please help us make the portal a better product!

Questions?

https://webapps.usgs.gov/MRGESCP/contact/contactus.html