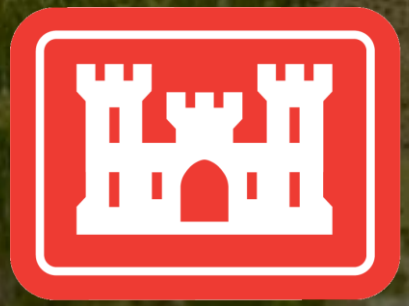
RIMORPHIS

River Morphology Information System

1st Annual Stakeholder Workshop

May 12 & 19, 2021



US Army Corps of Engineers

Gerald Thornberry

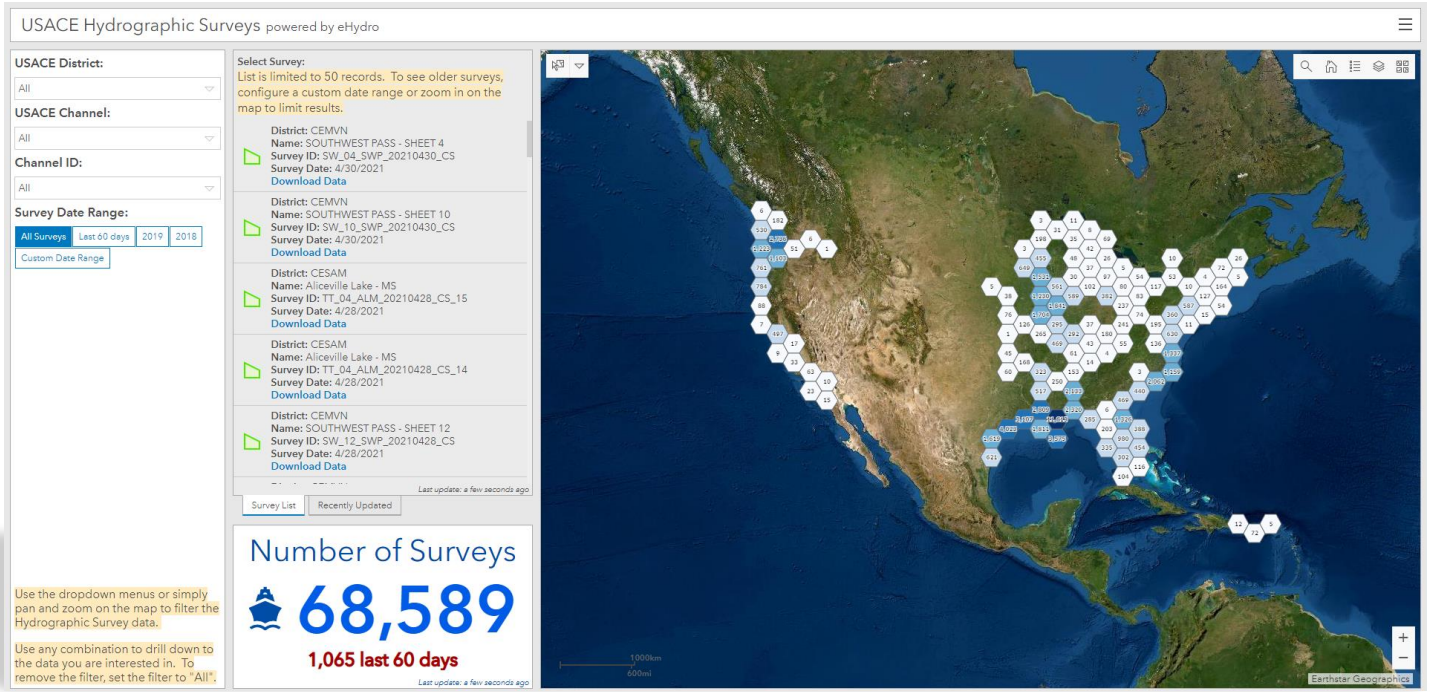
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About Your Organization/Group

- The USACE eHydro Program facilitates the production and maintenance of congressionally authorized coastal channel geometry (the National Channel Framework), automates the transformation of post-processed, hydrographic survey XYZ data into consistent GIS products, and provides a central, enterprise repository of these products that is accessible by every customer.
- USACE Coastal and Inland Districts use eHydro surveys to report channel conditions and distribute channel condition information.

River Morphology Data and Tools

- Bathymetry-related products (XYZ, GDB, KMZ, PDF, etc)
- https://navigation.usace.army.mil/Survey/Hydro
  - ehydrosupport@usace.army.mil
- eHydro API
  - NCF
  - Survey envelope polygon
  - Zip file



Wish List for River Morphology Data & Tools

- Flow velocity observations
- River shoaling analysis tools