

Landscape Characterization Tools and Methods

Session type: Technical workshop

Point of Contact: [Price, Curtis V.](#)

Do you need to characterize watersheds, well buffers, or aquifer areas using landscape variables like land cover, elevation derivatives, or population? This session will provide you some state of the art tools and techniques that are available now to solve area-characterization problems that seem common to many USGS projects.

Possible Speakers

(Many of you are being volunteered here)

- Dave Blodgett (or someone else from CIDA) - characterizing basins using the GeoPortal
- Mike Wieczorek - watershed characterization using the NHDPlus framework for SPARROW
- Curtis Price - Batch delineations of watersheds in alignment with WBD
- Naomi Nakagaki, Curtis Price - Using the NAWQA Area Characterization toolbox
- Roland Viger - Landscape Characterization
- ??? - Aquifer area and well buffer characterization for NAWQA Cycle 3

Possible outcomes

- identify common methods and state of the art
- should USGS consider putting a tech methods report? How could we pay for that?