Abstract

LINK TO PAPER

Continuous Basin Characterization Using EDNA
Track: Water Resources
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The Elevation Derivatives for National Applications (EDNA) database has been developed, in part, to provide modelers with consistent DEM-derived layers for use in basin characterization. As an alternative to traditional basin characterization approaches, an innovative technique, using the EDNA flow direction matrix, has been developed which promises faster characterization and the ability for characterization above any location, not just predefined basin outlets. This technique is described as well as a practical application completed for the Pacific Northwest.

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