

# Elevation/Hydrography data integration

Session Type: Presentation and Discussion

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Description: The integration of elevation (primarily in the forms of DEMs), and the National Hydrography Dataset in to a more cohesive package is a priority for both communities. As new, high resolution elevation data enters via the 3D Elevation Program, older, smaller scale national hydrographic features may not necessarily align well. The ability to create synthetic streams from elevation data is a fairly automated process, however; routing flow automatically becomes difficult when barriers such as culverts are left in the data. Also, conflating all the attributes from the existing linework to any new or newly aligned streams is not an easy task. This session will provide an open discussion showing where we are in terms of ele/hydro integration, where we hope to be by 2020, and solicit feedback and ideas for how to advance this effort more rapidly.