

Abstract

The RAD: An NHD Based Water Systems Solution

Track: Water Resources

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The EPA Office of Water Reach Address Database's integrating power starts with the NHD, ArcSDE and Oracle Spatial. The reach indexing of monitoring, remediation, use, planning, and prevention information empowers permiters, planners, enforcement agencies, and interested neighbors to discover the water systems. We'll discuss the database elements, fundamental tools, stumbling blocks, and the decision support systems that utilize it. The focus will be on key elements that allow for quick display and analysis of the relationships between the water information such as navigation and a common indexing system, and methods of optimizing the queries necessary to support them.

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