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13. SUPPLEMENTARY NOTES					
14. ABSTRACT <p>The current inventory of dam instruments at Reclamation dams is minimal. In addition, the gathering of dam instrument readings, transmission and review by Dam instrumentation personnel is a multi-day, multi-step, manual process. Data entry is a duplication of effort which makes it ripe for making mistakes. The process is outdated and inefficient. Geographic information system (GIS) and geospatial tools as well as field applications have become invaluable resources to collect, manage, process and display information.</p> <p>This research project develops a GIS solution to getting an accurate inventory of Reclamation instrumentation, allows the timely and efficient gathering, transmission, and review of dam instrument data at three pilot project dams. It is the goal that eventually geospatial tools will allow for the inventorying of instruments at Reclamation dams, will allow personnel out in the field, during routine instrument readings to enter their instrument data and populate the current Data Acquisition and Management System (DAMS) database near real time.</p>					
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