

Abstract

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Use of GIS for Spill Response Planning to Protect a Watershed

Track: Homeland Security

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As part of its drinking water source protection program, Eugene Water & Electric Board (EWEB) is working closely with 28 other Federal, State, and local agencies to develop a watershed emergency response plan as a Geographic Information System (GIS) application. The plan contains GIS information on watershed characteristics, threats, critical resources, spill response strategies to protect critical resources, equipment, emergency contact lists, and incident communications. First responders and others are able to use this GIS application in the field to efficiently and effectively stabilize accidental or intentional chemical releases as soon as possible and avoid the initial confusion associated with spills.

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