



Interactive Mapping

Region-wide mapping tools for planning and response

- As a supplement to contingency planning, U.S. EPA Region 5 has developed the Inland Sensitivity Atlas (ISA) series of GIS-based map products, designed to support hazardous materials spill contingency planning and response within the six states of its region.
- More recently, state-specific mapping projects were developed to combine the ISA data with planning and response tools and other geospatial data from state, federal, tribal and local agencies. 'Stakeholder' and 'Government' versions are available depending on the level of access needed.
- Region 5's mapping tools are maintained jointly by U.S. EPA Region 5, the Great Lakes Commission, the Upper Mississippi River Basin Association, and Tetra Tech



The ISA is a collection of data about sensitive environmental, economic, and cultural resources; potential spill sources; and response resources within U.S. EPA Region 5, including portions of the basins of the Upper Mississippi River, the Ohio River, and the Great Lakes. Data are also collected for some adjacent portions of other U.S. EPA regions.

Inland Sensitivity Atlas layers include:

- *Oil and hazardous material storage locations*
- *Potable and non-potable water intakes*
- *Marinas and boat access sites with contact info*
- *Archaeological and historic sites*
- *Natural resource areas managed by government agencies or with special conservation designations*
- *Pipelines and railroads*
- *Locks and dams*

ISA datasets are available to approved users via the RRT5 online viewer, as a direct download, and as part of NOAA's Great Lakes ERMA.

The state-specific mapping projects were developed to bring public (federal, state and local) and private sector emergency responders together, working in one GIS format for spill response and pre-planning

- During an emergency response, federal and state On-Scene Coordinators (OSCs) use the project to gain situational awareness of downstream/downwind vulnerabilities, as well as upstream/upwind potential responsible parties
- For contingency planning, the project can introduce facilities to the communities which may be impacted during a hazardous materials and/or petroleum release
- The mapping projects can also be used during county LEPC exercises and exercises of facility response plans (FRPs)

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Find the viewers for the ISA and for all states at rrt5.org/InteractiveMapping.aspx

