

# Research Translation at the Duke University Superfund Basic Research Program

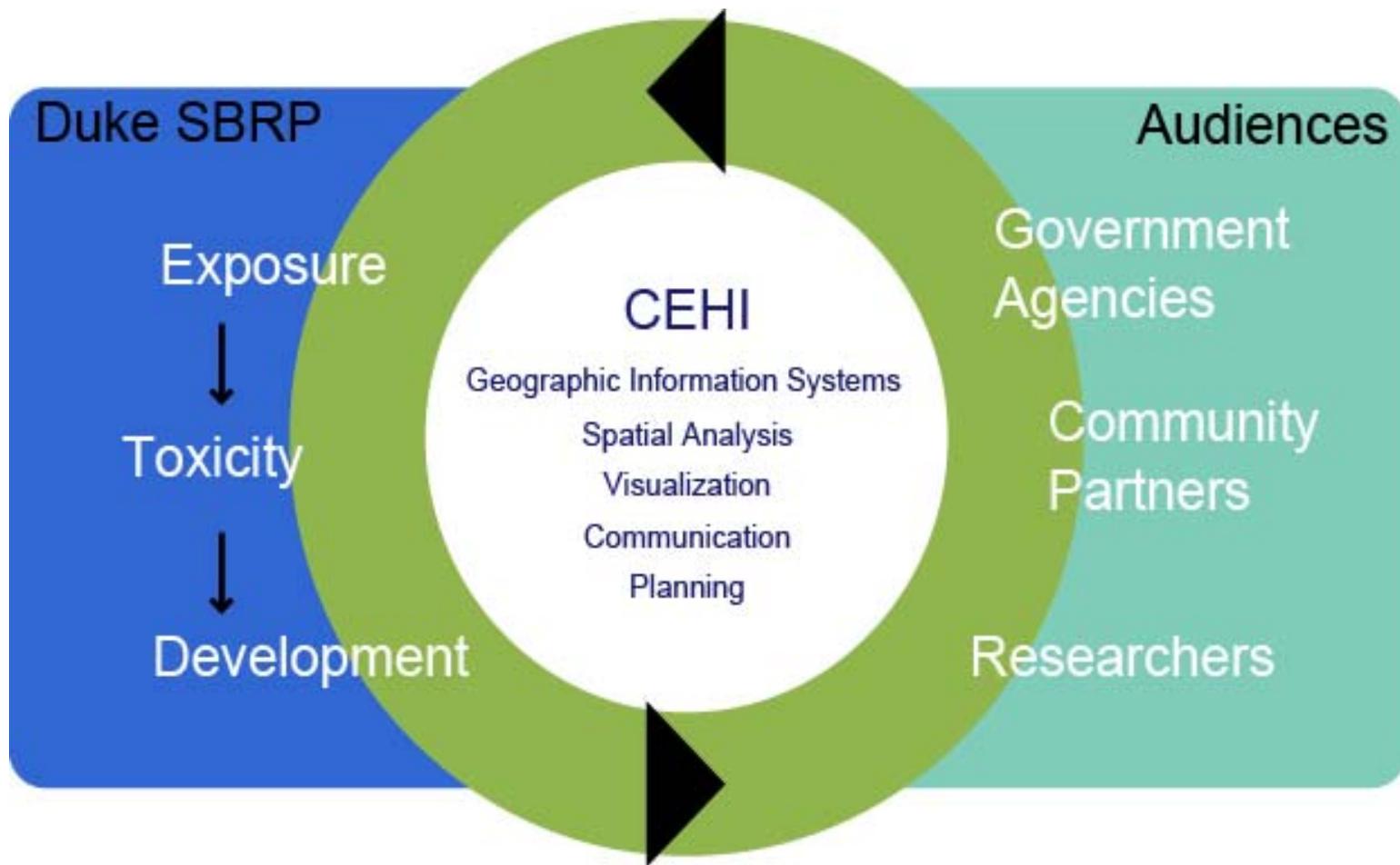
PI: Marie Lynn Miranda

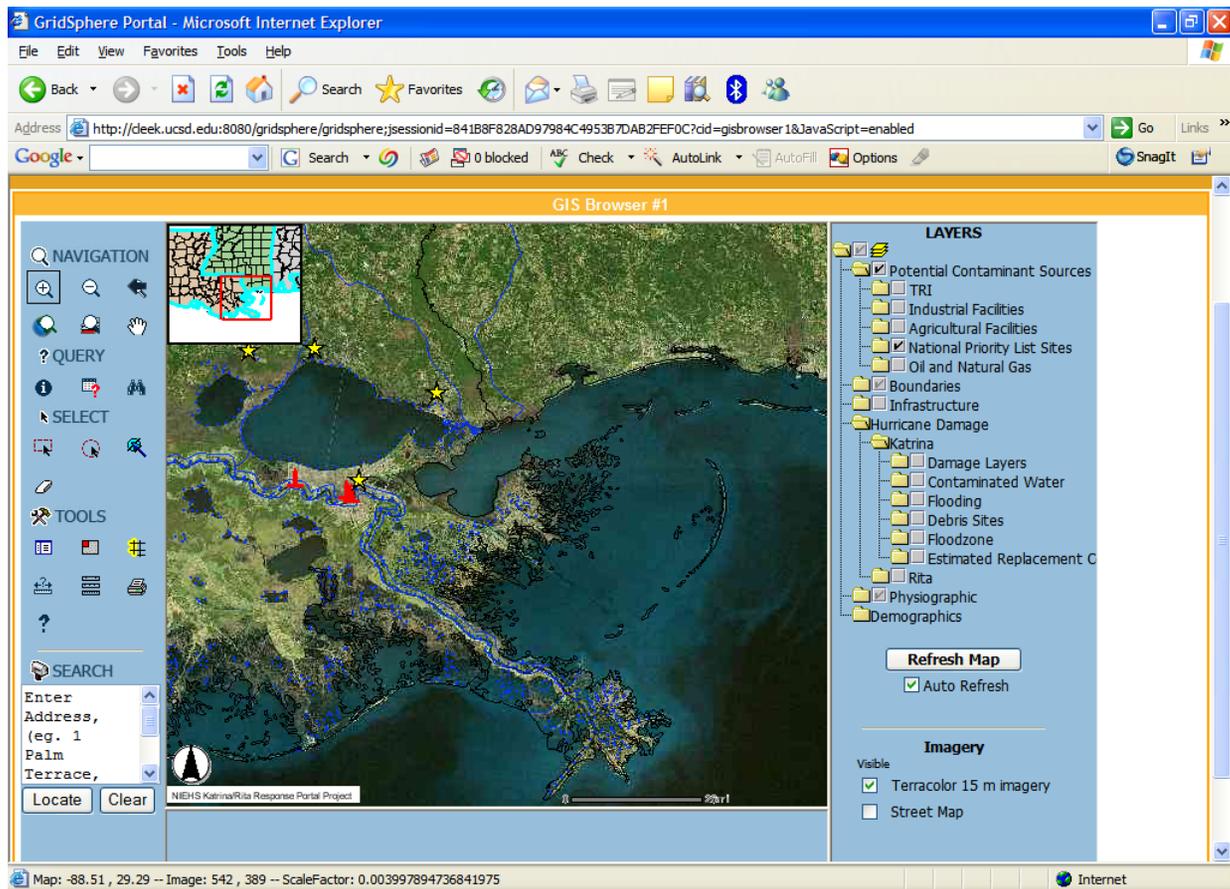
Outreach Coordinator: Jeff Davis





# Duke University SBRP





The screenshot shows a web browser window titled "GridSphere Portal - Microsoft Internet Explorer". The address bar contains the URL: <http://cieek.ucsd.edu:8080/gridsphere/gridsphere.jsessionid=841B8F828AD97984C4953B7DAB2FEF0C?cid=gisbrowser1&JavaScript=enabled>. The browser toolbar includes navigation buttons (Back, Forward, Stop, Reload), search, and various utility icons. The main content area is titled "GIS Browser #1" and features a central map of a coastal region with various data overlays. On the left, there is a "NAVIGATION" panel with icons for zooming and panning, a "QUERY" section, a "SELECT" section, and a "TOOLS" section. Below these is a "SEARCH" section with a text input field and "Locate" and "Clear" buttons. On the right, a "LAYERS" panel lists several data layers with checkboxes: "Potential Contaminant Sources" (checked), "TRI", "Industrial Facilities", "Agricultural Facilities", "National Priority List Sites" (checked), "Oil and Natural Gas", "Boundaries", "Infrastructure", "Hurricane Damage", "Katrina" (with sub-layers: "Damage Layers", "Contaminated Water", "Flooding", "Debris Sites", "Floodzone", "Estimated Replacement C"), "Rita", "Physiographic", and "Demographics". Below the layers list are "Refresh Map" and "Auto Refresh" (checked) buttons. At the bottom of the layers panel, there is an "Imagery" section with "Visible" options: "Terracolor 15 m imagery" (checked) and "Street Map" (unchecked). The status bar at the bottom of the browser window displays: "Map: -88.51, 29.29 -- Image: 542, 389 -- ScaleFactor: 0.003997894736841975" and "Internet".

- Map servers
- Data sharing environments
- Custom reports



# CEHI Portal

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## log in

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## Welcome to CEHI SHARE

The Children's Environmental Health Initiative Geospatial Health and Research Environment

Here you will find links to content, interactive maps, news, and events.

If you are looking for our main site click [here](#).



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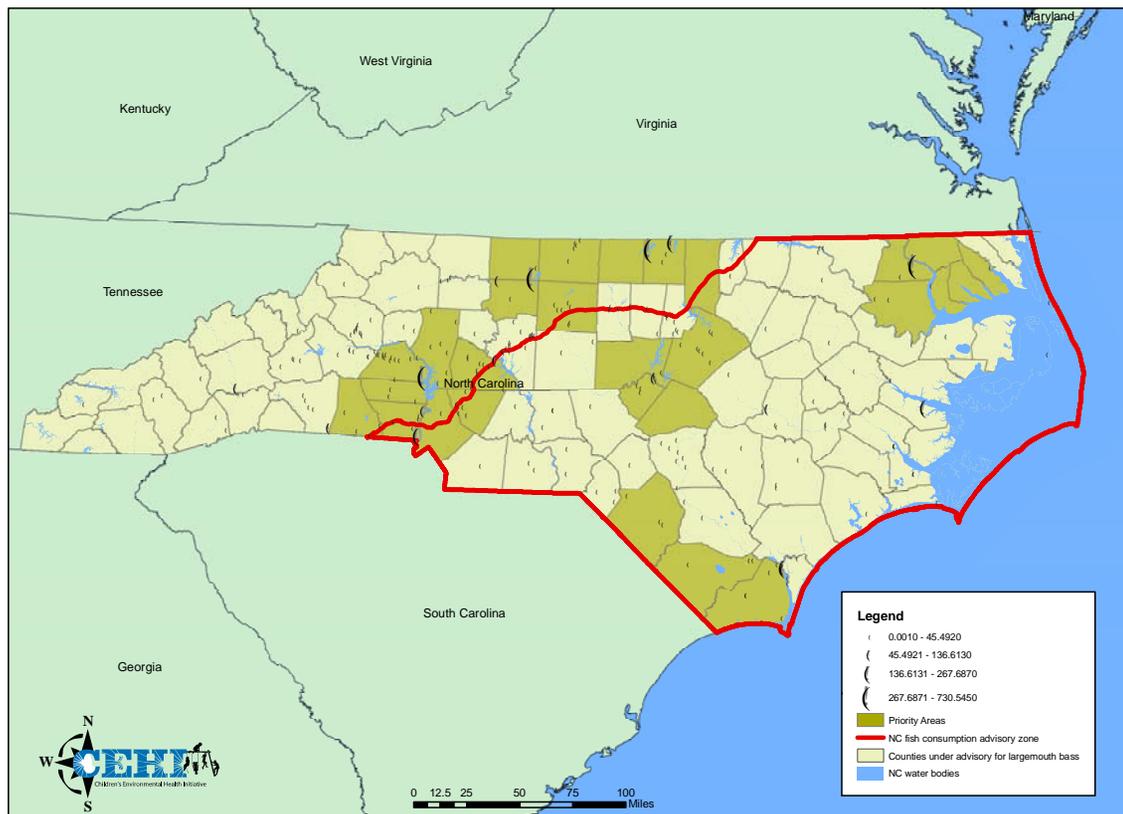
- Web-based mapping applications
- Custom forms and reports
- Publication updates
- File exchange

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**POWERED**

North Carolina Mercury Emission in Pounds by Source (2002)



- Integrated forum for Hg science and research
- Data needs assessment
- Plan of action on key science and policy issues



# Duke RTC Priorities

- Expanding both portals
- Extending collaborative partnerships
- Building interdisciplinary bridges



Superfund Basic Research Program



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