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Office of Response and Restoration

Environmental Response Management Application (ERMA®) In a Nutshell

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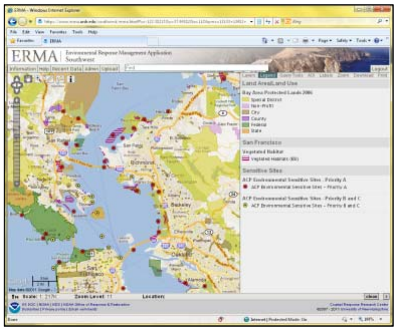
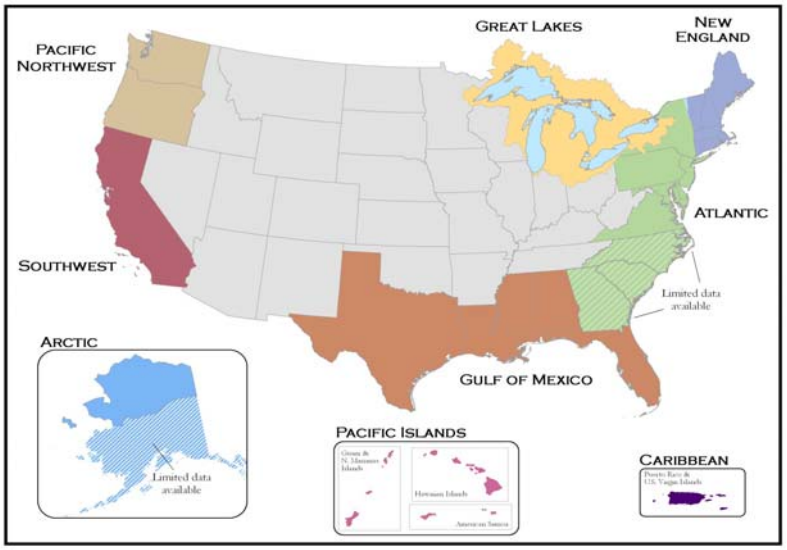
WHAT IS ERMA?

- Web-based mapping tool
- Provides centralized access to information
- Increases communication, coordination, and efficiency
- Prepare for, respond to, assess impacts from hazardous incidents or conditions
- Analyze and visualize environmental information relevant to all hazards



WHERE IS ERMA?



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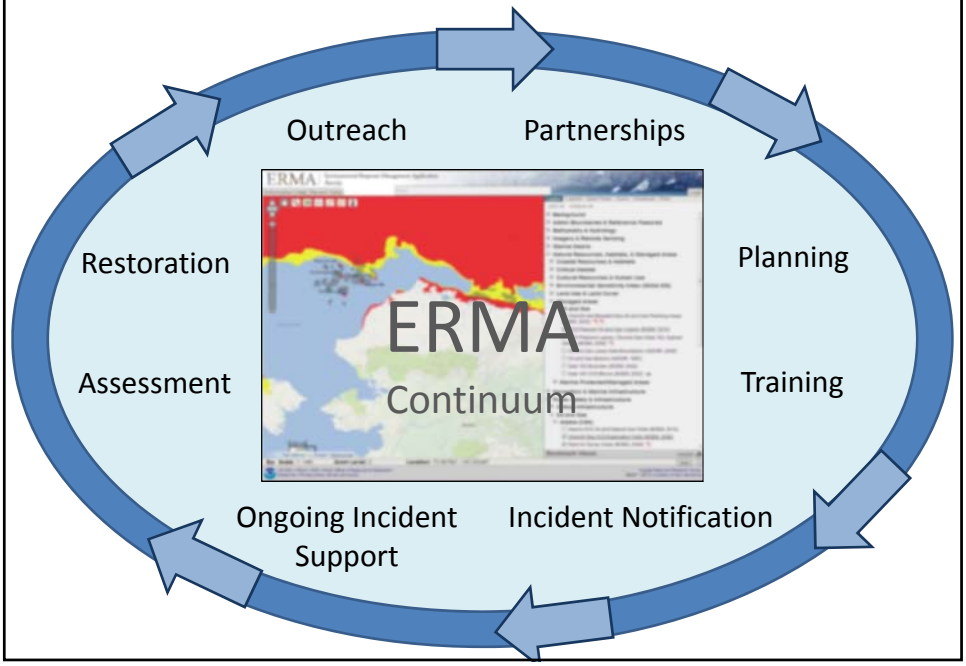
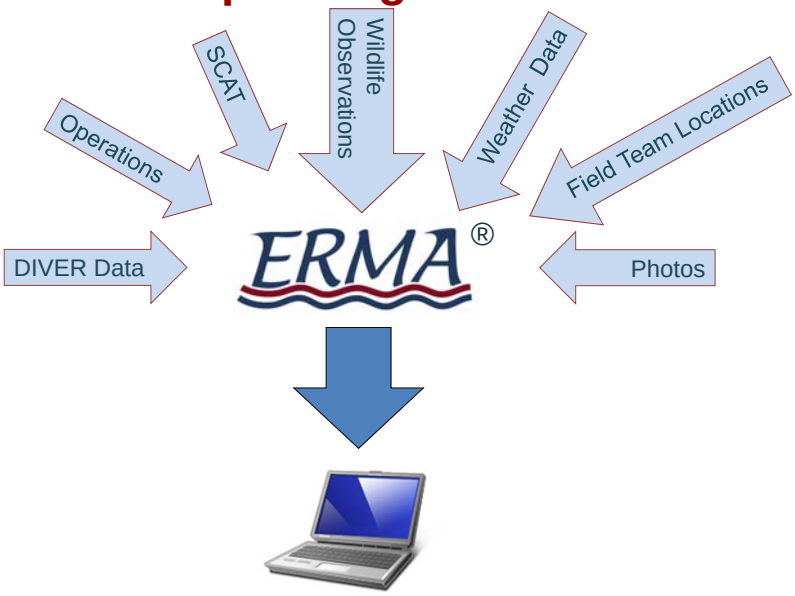


Populating ERMA



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ERMA Interactive Tools

- **Zoom To**
  - Lat/Long
  - Place name or Address
  - Ship – MMSI Find
- **Bookmark Views**
  - Saves layers and location
  - Customizable slideshow
- **Areas of Interest (AOI)**
  - User-made map features
  - Draw function
- **Measurement Tools**
  - Length/Area
- **Animations**
  - Show key layers across time
- **Lite/Full Metadata Access**
- **Attachments**
  - .jpg, .png, .tiff
  - PDF, Excel, Word
  - .Zip
- **Find tool**
  - Automated search of all layers
- **Map Labels**
  - Customize with user-made feature labels
- **Print Tools**
  - Timestamp
  - Various page sizes
- **Interactive Query Tools**
  - Environmental Sensitivity Index
  - US Fish and Wildlife IPAC
  - Layer Query by Polygon

ERMA Account Access

- **Public Side**
  - All publically available data
- **Restricted Account Side for Planning & Response**
  - Username/password required
  - Verified by NOAA
  - Various levels of access
    - Active incidents
    - Sensitive datasets
    - NRDA
    - Drills

- **Data available only to appropriate users and use**

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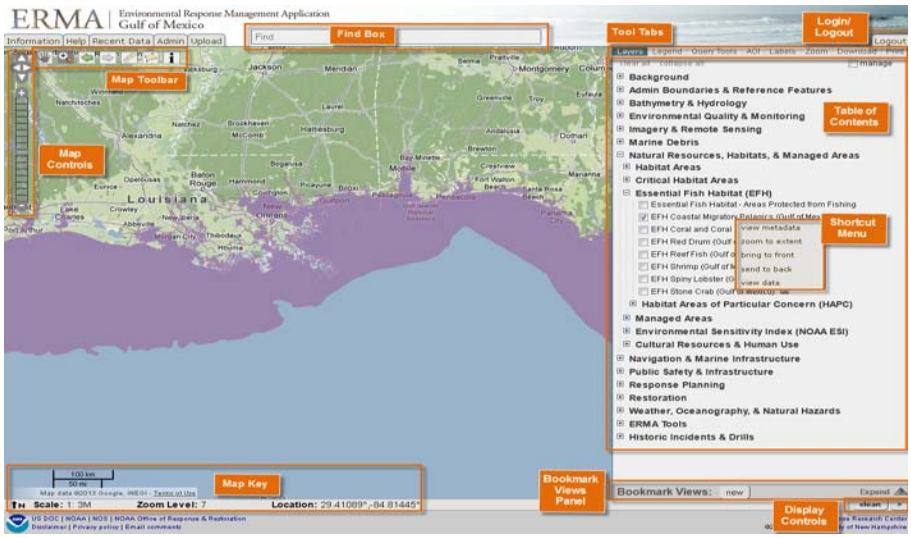
ERMA Account Security

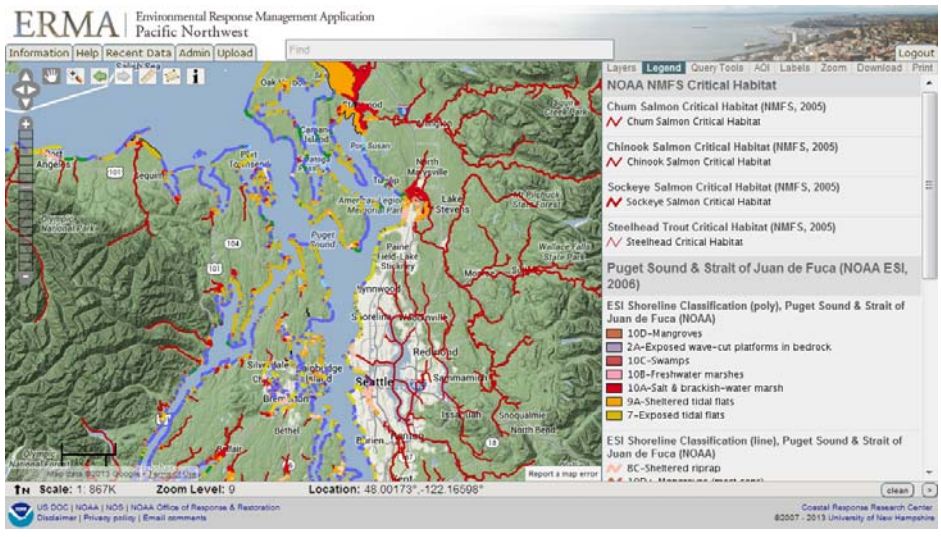
- **User and Layer Security limits what any given user will see in ERMA**
- **Every layer in ERMA is assigned a sensitivity level**
- **Only users with the appropriate security level can see "protected" data**
- **User Sensitivity**
- **Layer Sensitivity**

User and Layer Sensitivity
Federal
NRDA
Public
Responder
Sensitive Resources
Trustee

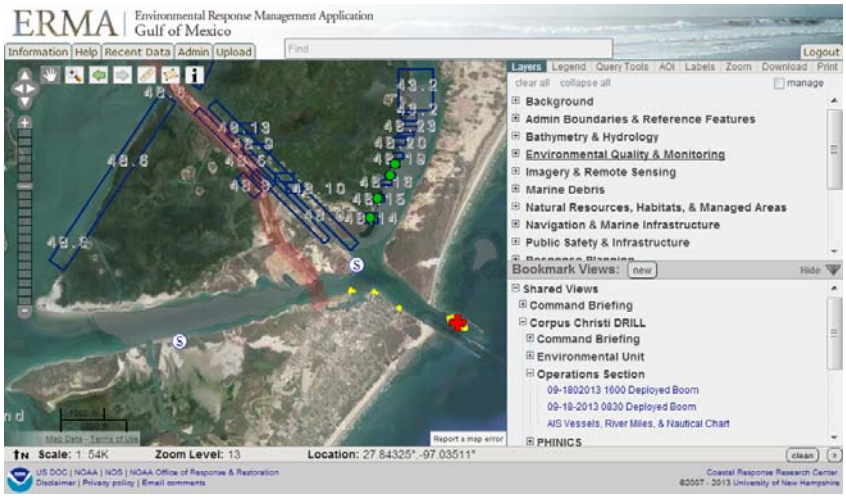
ERMA LAYOUT



RESOURCES AT RISK



SPATIAL BOOKMARKS



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QUESTIONS?

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