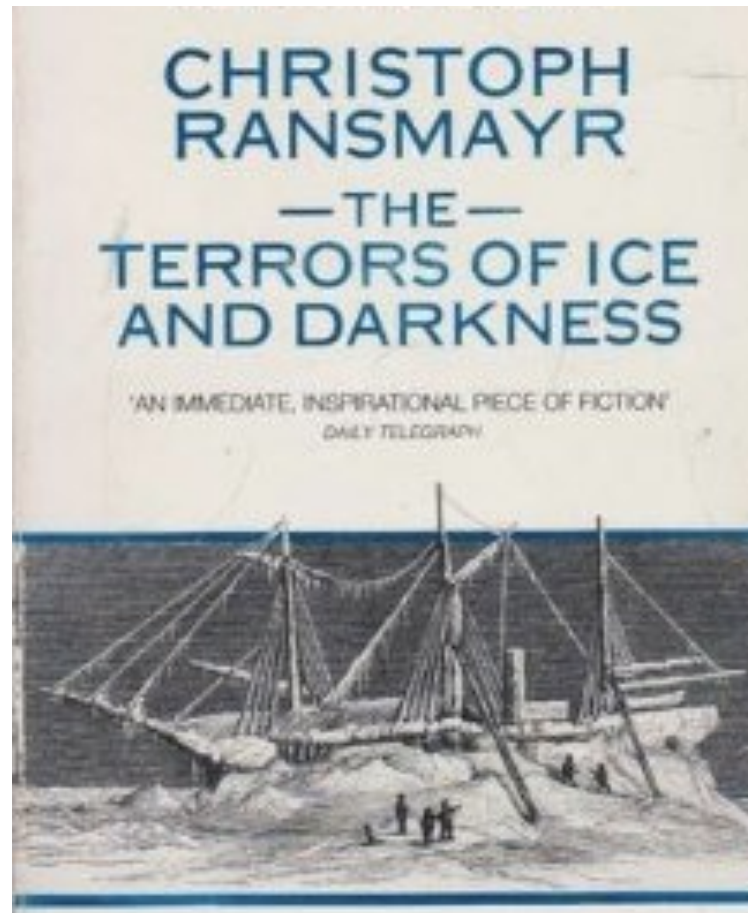


An Arctic Tale of Anticipation and Response





AOOS Launches 2015 Short Film Contest

AOOS is seeking ocean-related films under 10 minutes for the second annual AOOS Film Contest. The grand prize is \$1,000. Submissions due Sept 15.

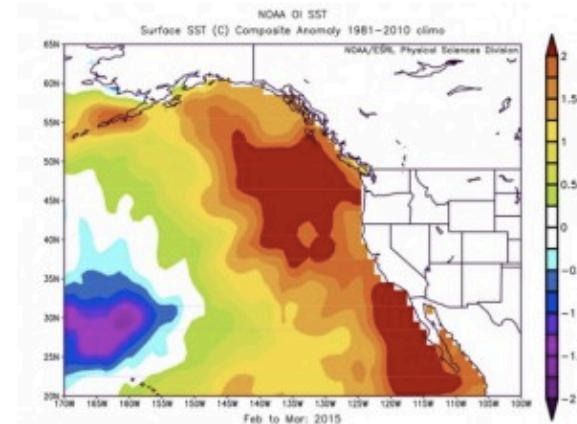
[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)

[Featured content archive](#)

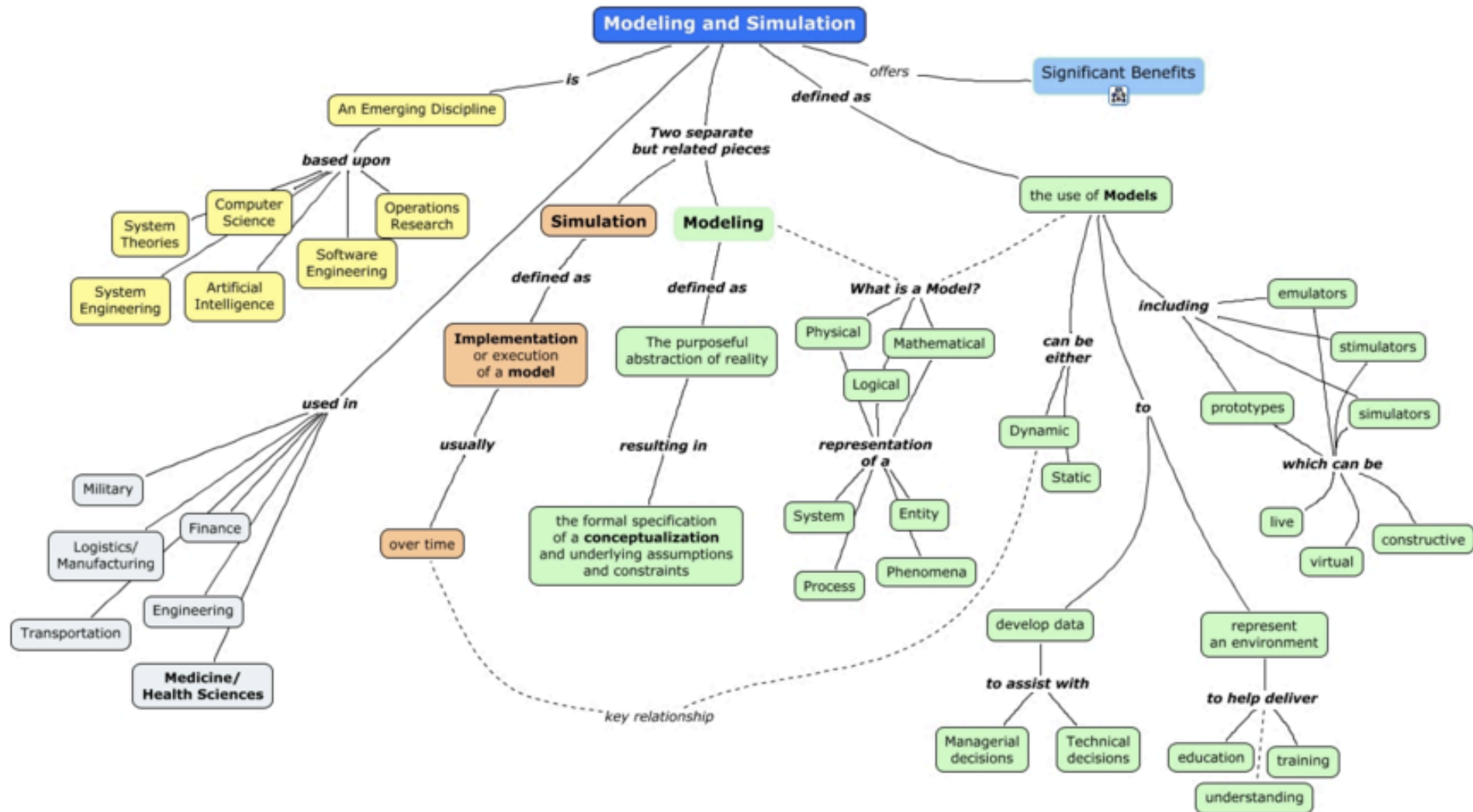
The Blob Blog

Visit the [Alaska "Blob Tracker"](#) – a new blog with the latest information on the pool of unusually warm water in the North Pacific.

This blog is hosted by AOOS and will feature posts from a variety of scientists.



Modeling (hint: needs data)



Responses on the Ground





Office of Response and Restoration

- Home
- Oil and Chemical Spills
- Environmental Restoration
- Marine Debris
- Training and Education
- Multimedia
- About

Arctic ERMA

As Arctic sea ice continues to contract and thin, energy exploration and transportation activities will be increasing in the region, escalating the risk of oil spills and accidents. In anticipation, NOAA and interagency partners are actively preparing for these possible emergencies.

As a result, NOAA and its partners have developed an **Environmental Response Management Application (ERMA®)** for the Arctic region. ERMA is a web-based GIS tool that assists both emergency responders and environmental resource managers with incidents that may have

ERMA integrates and synthesizes data which happens in real time-interactive map, providing a clear picture of the situation and improving



Environmental Response Management Application

Search Layers, Folders, and Bookmarks

Geographic Search

Layers Legend Query Tools Zoom Down

- Background Layers
 - Google
 - Google Street
 - Google Satellite
 - Google Terrain
 - Google Hybrid
 - Esri
 - Open Street Maps
 - Blank
 - Admin Boundaries & Reference Features
 - Bathymetry & Hydrology
 - Bathymetry
 - Hydrology & Hydrography
 - Shoreline
 - Topography
 - Environmental Quality & Monitoring
 - Marine Debris
 - Imagery & Remote Sensing
- Bookmark Views:

Zoom Level: 5 Location: 72.50833°,-176.62719°

On Our Radar

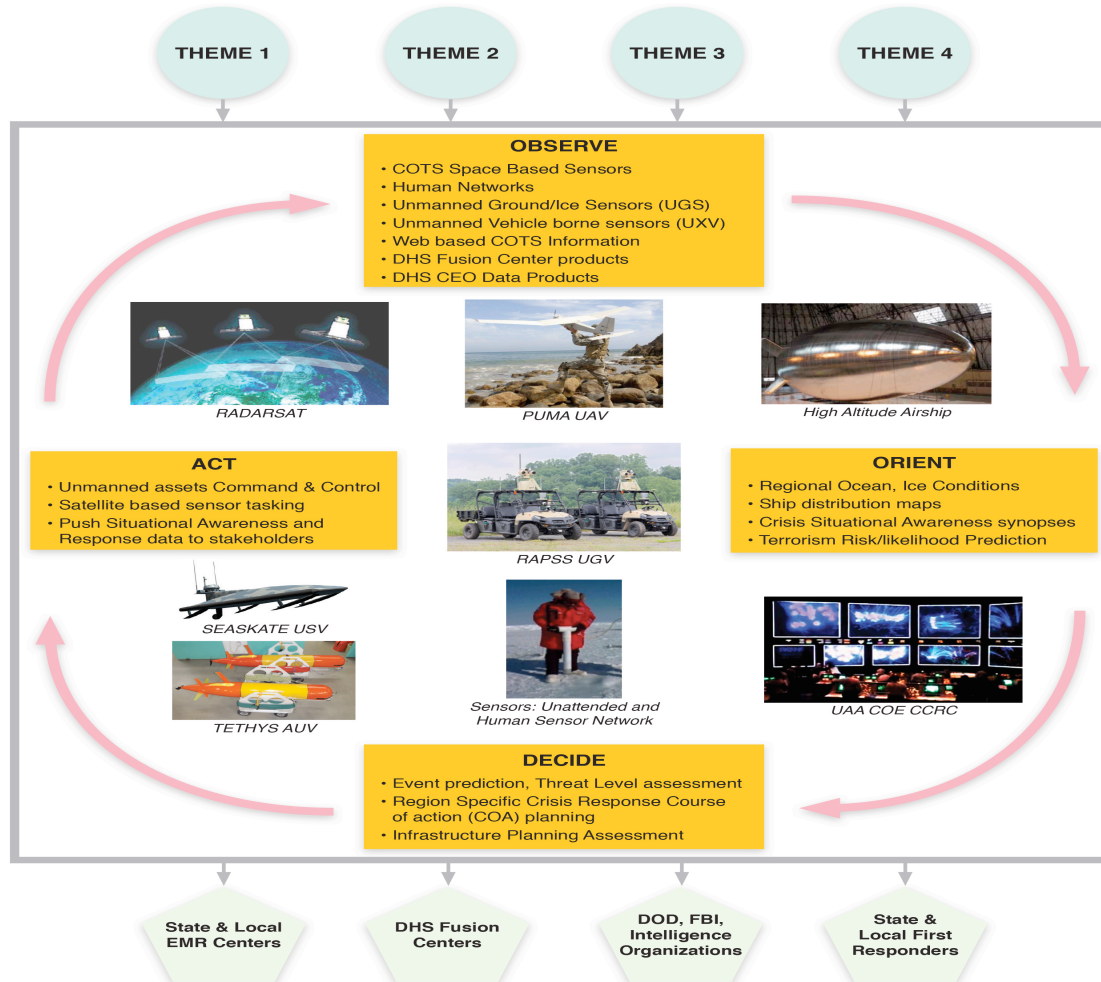
Response Tools for Spills



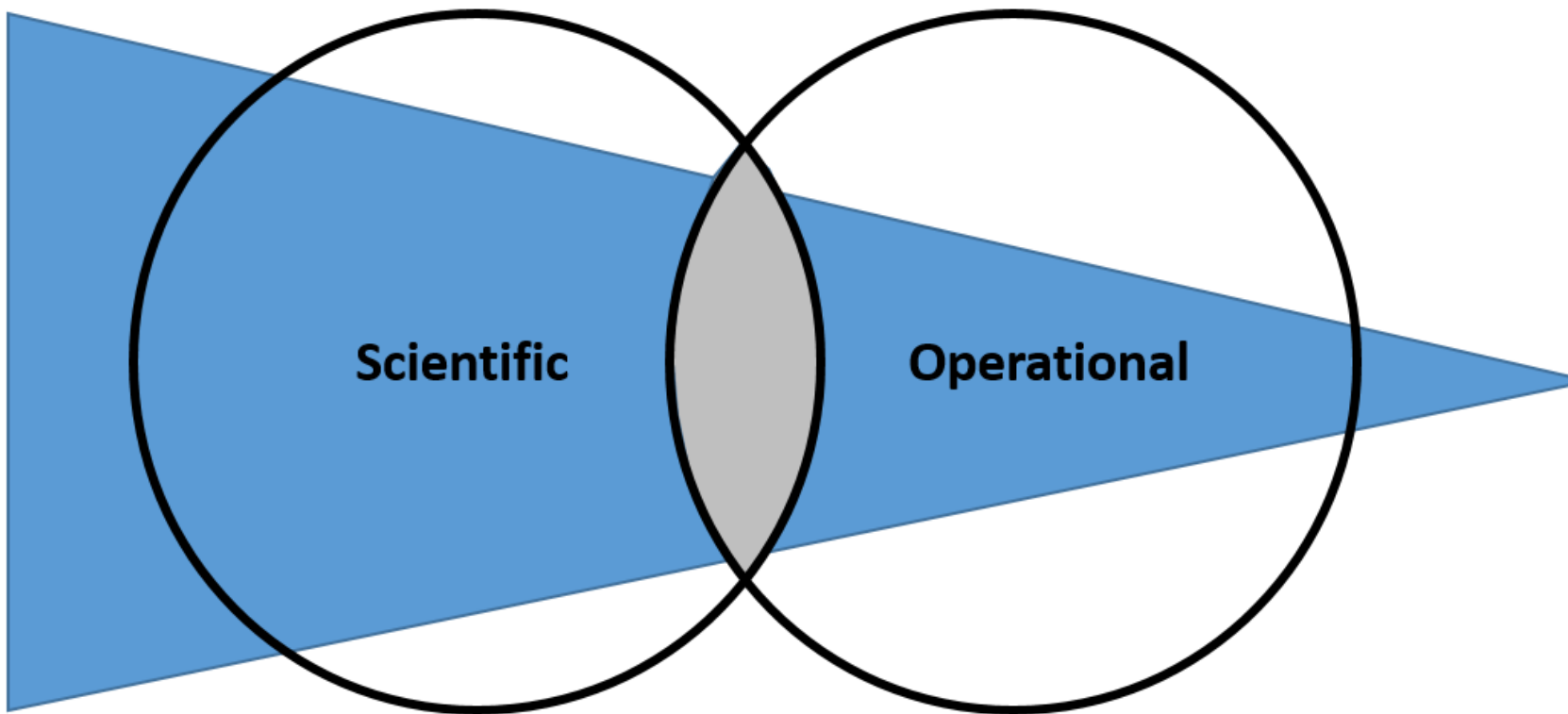
Sunken Wrecks and Abandoned Ships

Ships end up for various reasons an environmental concern. Hurricanes can sink vessels like the one salvaged in...

Early Warning Systems (hint: needs diverse data streams)



Timescales



Scientific

Operational

Making Room at the Table

- Niche partitioning
- Overlaps (handshakes)
- End purposes and end users
- Front end thoughtfulness (design)
 - Data interoperability
 - Data re-purposing

NOT JUST DATA

Hint: It's what you do with it!

Australian National Data Service

Our Vision: More valuable data for Australian research

ANDS is enabling the transformation of:

