

# ICAN Tech Team: Progress Overview & Activities

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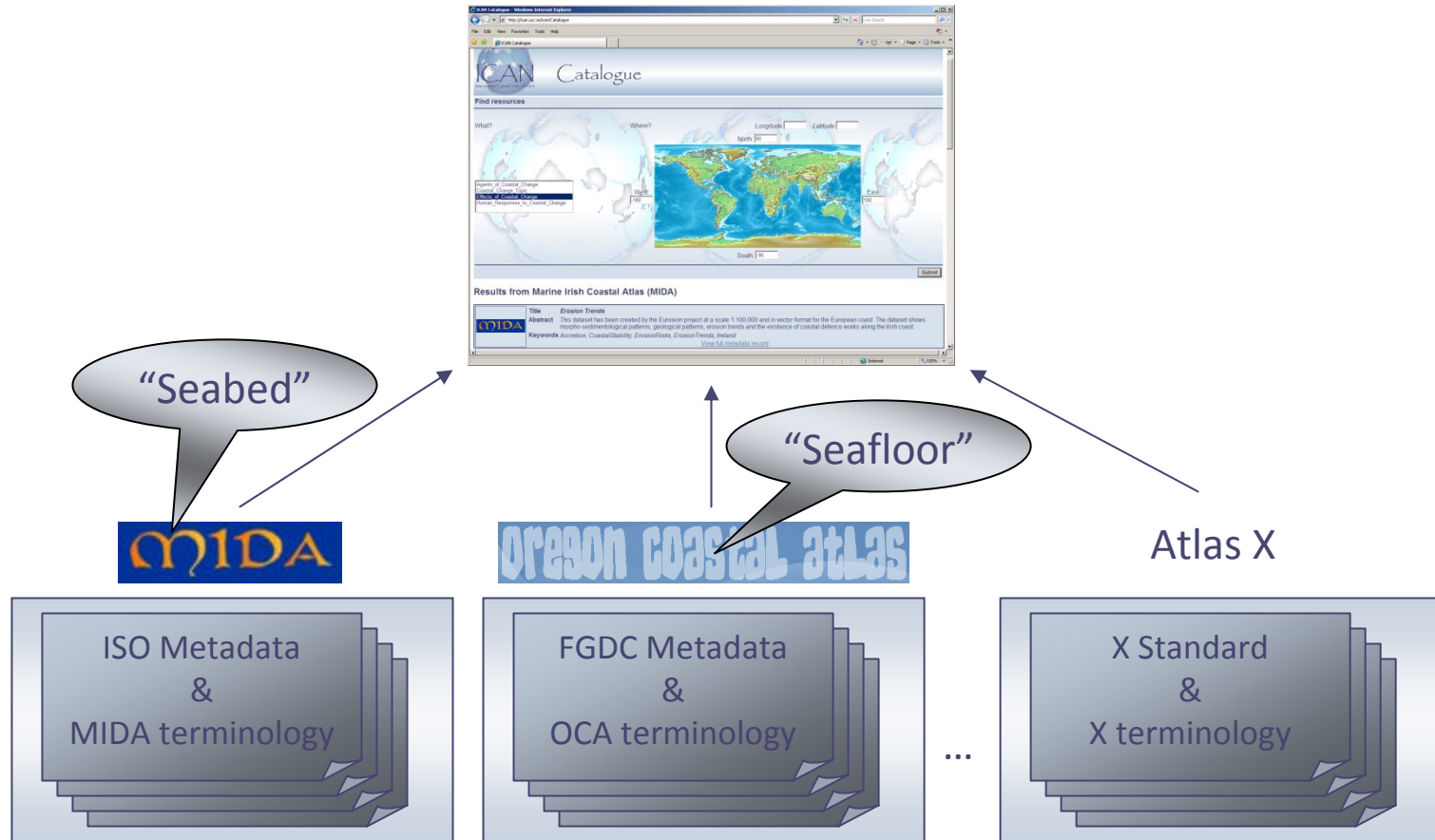
# Interoperability Benefits

- Share data with atlas neighbors
- Focus on finding methods to connect very different and independent atlases together.

Atlas interoperability = Sharing data across borders (political, natural, thematic)



# ICAN Vision



# Work Areas

- Catalogs of metadata about data
- Use of standards
  - Provides *just enough* glue to bring very different atlases together.
  - OGC CSW, WMS, WFS
- Tools
  - Vocabularies and mapping of terms
  - Portal for connecting atlases



# Progress to date

Prototype version I (2008, Copenhagen)

ICAN Catalogue  
International Coastal Atlas Network

Find resources

What? Where?

Longitude  Latitude   
North:    
West:  East:   
South:

Agents\_of\_Coastal\_Change  
Coastal\_Change\_Topic  
Effects\_of\_Coastal\_Change  
Human\_Responses\_to\_Coastal\_Change

Submit

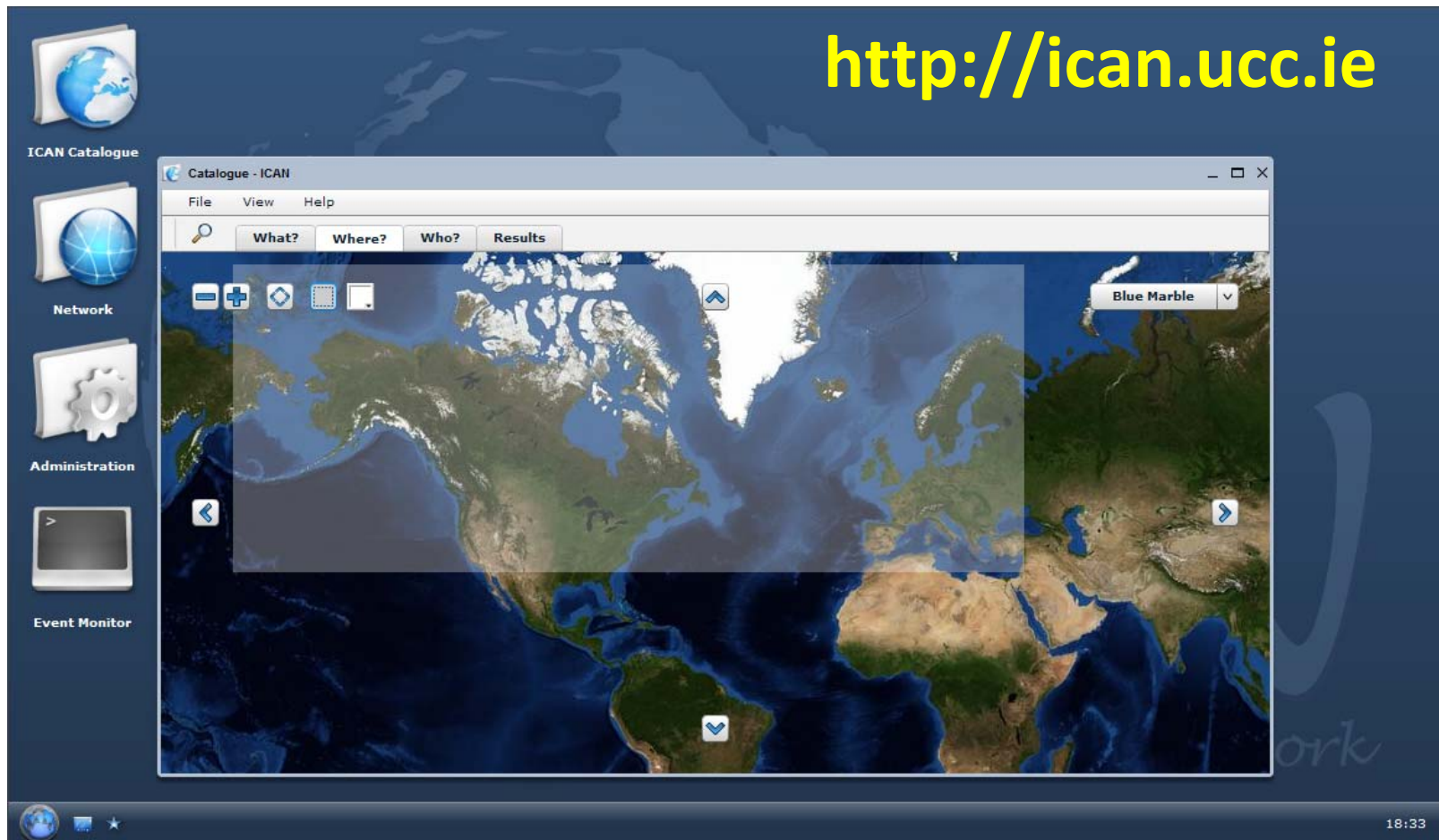
Results from Marine Irish Coastal Atlas (MIDA)

	<b>Title</b> <i>Erosion Trends</i>
	<b>Abstract</b> This dataset has been created by the EuroSION project at a scale 1:100,000 and in vector format for the European coast. The dataset shows morpho-sedimentological patterns, geological patterns, erosion trends and the existence of coastal defence works along the Irish coast.
	<b>Keywords</b> <i>Accretion, CoastalStability, ErosionRisks, ErosionTrends, Ireland</i>
	<a href="#">View full metadata record</a>

# Progress to date

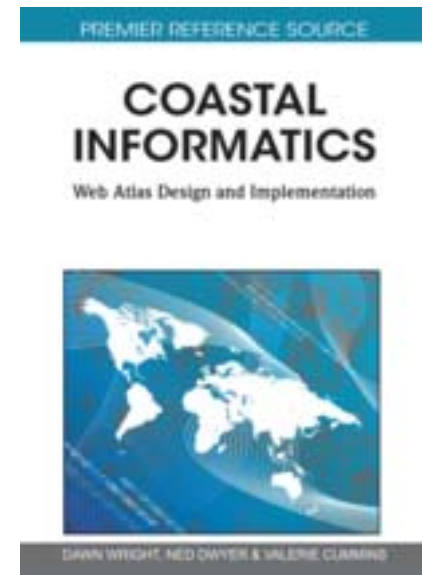
Prototype version II (2009, Trieste)

<http://ican.ucc.ie>



# Progress to date

- Coastal Informatics Handbook, 2010
- Beginnings of interoperability cookbook
- Technical trainings
- NETMAR Project:
  - ICAN use case



**More information on Tech Team Section of web site:**  
[http://www.icoastlatlas.net/en/ican\\_tech](http://www.icoastlatlas.net/en/ican_tech)