



Outcomes of ICAN-3

Ned Dwyer Coastal & Marine Resources Centre lonad Acmhainní Cósta is Mara





Dawn Wright











Aims of Workshop 1, Cork, 2006

- To create and strengthen
 relationships between
 experts in the field in marine
 and coastal mapping in North
 America and Europe
- To identify state of the art approaches to coastal mapping and informatics





Report on
Coastal Mapping and Informatics
Trans-Atlantic Workshop 1:
Potentials and Limitations of Coastal Web Atlases

24th - 28th July 2006

University College Cork Cork, IRELAND

















Aims and Outcomes of Workshop 2, Corvallis

Aims

- Improve searches between atlases
 - Controlled vocabularies & ontologies
- Semantic interoperability
- Linkages to use cases, communities

Outcomes

- Establish International Coastal Atlas Network (ICAN)
- Implement proof-of-concept ontologie
 & web-based demo prototype
- Hold further workshops





Report on Coastal Mapping and Informatics Trans-Atlantic Workshop 2: Coastal Atlas Interoperability

16th - 20th July 2007

Oregon State University Corvallis, Oregon, USA













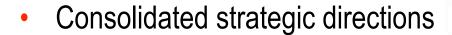






Activities at Workshop 3, Copenhagen





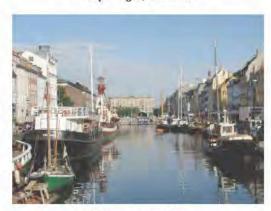
- Proposed a governance structure
- Welcomed new members
- Linked to relevant European activities
- Set out a 2008-09 action plan



Report of International Coastal Atlas Network Workshop 3 on Federated Coastal Atlases: Building on the Interoperable Approach

7 - 11 July 2008

European Environment Agency Headquarters Copenhagen, Denmark



Chief sponsor and host:



Note information can be found on the workshop web site: http://ican.science.oregonstate.edu/ican3









Action Plan Themes

- Awareness Raising
- Outreach and Training
- Documentation
- Funding
- Technical
- Governance
- Assessment







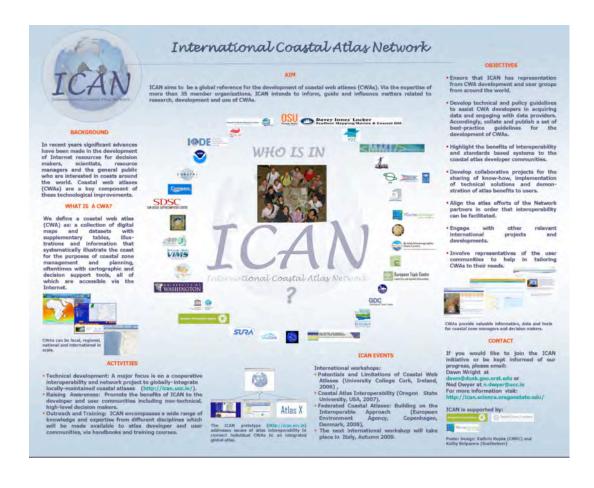


Awareness Raising



Poster

Brochure









Awareness Raising

Conferences

- GIScience 2008 Park City, UT, USA,
- JIGOT 2008, Marseilles, France
- Coastal geoTools '09, Myrtle Beach, SC, USA
- EU Maritime Days, Rome, Italy
- 3rd INSPIRE Conf. /GSDI 11, Rotterdam, Netherlands
- CoastalZone'09, Boston, USA
- CoastGIS'09, Itajai, Brazil
- Free and Open Source Software for Geospatial (FOSS4G), Australia









Outreach and Training

Meetings/Workshops

- EUCC The Coastal Union Meeting
- OGC Geosemantics Working Group
- GEOSS Architecture Implementation Pilot Workshop, Boulder, CO, USA
- FGDC Marine and Coastal Spatial Data Subcommittee Meeting
- Spatial Ontology Community of Practice (SOCoP) Workshop, McLean, VA
- Littoral 2008, Venice, Italy
- USGS Coastal and Marine Geology Program teleconference series
- West Coast Coastal Atlas Coordination Meeting









Outreach and Training

Training

- CoastGIS 09, Brazil
 - GeoNetwork and Mapserver
- ODINAFRICA African Marine Atlas Task Team Meeting , Belgium



- MIDA, ICAN, Atlas Technologies (visualisation, metadata)
- INSPIRE /GSDI Conferences, Netherlands
 - ICAN workshop









Outreach and Training

Outreach

Handbook of Research on Coastal Informatics





Part I - Principles

Chapter 1 - Introduction: Coastal Web Atlas Defined (Dawn, Val



Chapter 2 - Coastal Web Atlas Features (coordinated by Liz) [:

- 2.1. Introduction
- 2.2. Map Area
- 2.3. Geographic Data
- 2.4. Map Legend/Layer List
- 2.5. Atlas Tools
- 2.6. Attribute Tables
- 2.8. Information/Extras
- 2.9, Technology
- 2.10. Conclusion



Chapter 3 - Coastal Web Atlas Implementation (coordinated b

3.1. Getting Started



Publication: 2010



Documentation

Resource Section on Website







Handbook







Funding

NSF travel Grants for 2009/2010





- EU Framework 7
 - NETMAR (ICAN case study)









Technical

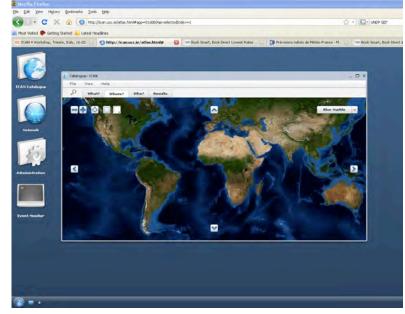


- ICAN Portal
 - www.icoastalatlas.net



ICAN Prototype









Governance



Developed strategic plan





Outline business model







Assessment

CWA Inventory, USA



- ICAN CWA inventory
 - Coastal wiki database





- Developer survey
- Benefits of semantic interoperability



