



Marine GIS News  
Number 0009 – Oct 10, 2003

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Welcome to the ninth edition of the ESRI Marine GIS newsletter, “The Wave”, a guide for interesting Marine GIS current events, publications and opportunities.

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**(1) Coastal GIS 2003**  
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A publication of 33 papers  
An Integrated Approach to Australian Coastal Issues  
Edited by Collin Woodroffe and Ronald Furness  
Centre for Maritime Policy  
University of Wollongong  
Wollongong NSW 2522  
Australia

To order this publication contact:  
[myree\\_mitchell@uow.edu.au](mailto:myree_mitchell@uow.edu.au)

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## **(2) CoastGIS'03**

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CoastGIS'03, the Fifth International Symposium on GIS and Computer Cartography for Coastal Zone Management is available at:

[www.gisig.it/coastgis/programma/programme.htm](http://www.gisig.it/coastgis/programma/programme.htm)

The Conference is jointly organised by GISIG (Geographical Information Systems International Group) [www.gisig.it](http://www.gisig.it) and ICCOPS (International Centre for Coastal and Ocean Policy Studies) [www.iccops.it](http://www.iccops.it) CoastGIS represents a high scientific level meeting point to discuss the links between Integrated Coastal Management and GIS technology and will be attended by scientists and operators from all over the world.

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## **(3) MMUG Marine Metadata workshop**

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Marine Metadata Workshop  
Monday and Tuesday, October 20-21, 2003  
8:30 am - 5:00 pm  
Moss Landing Marine Labs  
Moss Landing, CA

Sponsored By:

The Marine Mapping Users Group (MMUG) - California Department of Fish and Game and Pacific States Marine Fisheries Commission, Monterey Bay Aquarium Research Institute (MBARI), Center for Integrated Coastal Ocean Research and Education (CI-CORE)/Moss Landing Marine Labs, Alliance for Coastal Technologies (ACT)

Marine scientists, data managers and marine GIS specialists need to adequately describe their datasets to enable others to discover, describe and use their data. To date, many marine scientists, data managers and GIS specialists have not documented their datasets with metadata because they have not had guidance on how to approach the task in a way that suits their needs. The current Federal Geographic Data Committee (FGDC) and International Standards Organization 19115.3 (scroll to crosswalk section) standards, while extensive, may not necessarily incorporate (or do not explicitly account for) all of the metadata fields necessary to adequately describe marine datasets.

<http://mmug.calfish.org/metadata.htm>

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#### **(4) ACZISC Updates**

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Atlantic Coastal Zone Information Steering Committee  
ACZISC UPDATES are available at <http://www.dal.ca/aczisc/new>

The ACZISC was formed in 1992 to help establish a coastal zone information infrastructure in Atlantic Canada as a precursor to integrated coastal management.

#### **UPCOMING ACZISC MEETINGS**

- 28-29 January 2004: ACZISC Meeting #41, Charlottetown, PEI
- 19-20 May 2004: ACZISC Meeting #42, St. John's, NL
- 15-16 September 2004: ACZISC Meeting #43, Fredericton, NB
- 19-20 January 2005: ACZISC Meeting #44, Halifax, NS

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#### **(5) Marine/Coastal GIS session at the 2004 AAG**

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MARINE/COASTAL GIS session at the 2004 AAG meeting in Philadelphia.

A paper session on MARINE & COASTAL GIS is being organized for the Centennial Meeting of the Association of American Geographers (AAG) in Philadelphia, PA, March 14-19, 2004, co-sponsored by the Coastal and Marine Geography and GIS specialty groups. The session will be devoted to principles, techniques, and applications of GIS in the marine and coastal realm, highlighting the various ways in which geographers are contributing to this evolving field of research.

Session Organizer: Dawn Wright  
For more information check the website at:

<http://www.aag.org>

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#### **(6) The ArcGIS marine data model**

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ArcGIS Marine Data Model has some new information for you to see and download at the project's web sites:

<http://dusk.geo.orst.edu/djl/arcgis> hosted by Oregon State University

And

<http://support.esri.com/datamodels> click Marine

Here you can find the updated UML and repository, Powerpoint presentations, and a marine data types diagram and other documentation. The model has been implemented and Case Studies are being gathered for inclusion in a publication.

A new marine data model poster can be downloaded from:

<http://support.esri.com/index.cfm?fa=downloads.dataModels.filteredGateway&dmid=21>

And a tutorial explaining how to get your data in to the model, from start to finish can be downloaded at:

[http://dusk.geo.orst.edu/djl/arcgis/MDM\\_Tutorial/](http://dusk.geo.orst.edu/djl/arcgis/MDM_Tutorial/)

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### **(7) MCBI release of B2B 1.1**

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Marine Conservation Biology Institute announced the release of B2B 1.1 - an updated CD-ROM of physical, biological, and social data relevant to conservation planning within the Baja California to Bering Sea ecoregion.

This new version includes:

- New animations for temperature and altimetry
- Updated deep sea coral records
- Time and date stamps for loggerhead sea turtle tracks
- New and improved ETOPO2 bathymetry
- More Alaska MPAs

For more information contact:

Peter Etnoyer and Lance Morgan

Marine Conservation Biology Institute

15806 NE 47th Court

Redmond, WA 98052

(425) 883-8914

Fax: (425) 883-3017

[www.mcbi.org](http://www.mcbi.org)

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### **(8) Marine GIS Conference at Oceanology 2004**

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Call for papers:

We are pleased to announce a marine GIS conference, organized by Spearhead Exhibitions and the Association of Geographic Information (AGI) in the UK, and sponsored by Metoc plc, to be held at the Oceanology 2004 Conference and Exhibition taking place in London 16-19 March 2004.

[www.oceanologyinternational.com](http://www.oceanologyinternational.com)

The one day conference will take place on Thursday 18<sup>th</sup> March 2004. We aim to attract at least 100 delegates from the marine scientific and engineering community. The theme of the event is "*GIS in the Marine and Coastal Environment: experiences and solutions*".

If you are interested in participating in this event, we request that you submit to us a short abstract of about 100 words **by 31<sup>st</sup> October 2003**. Please send your submissions to David Green via email at [d.r.green@abdn.ac.uk](mailto:d.r.green@abdn.ac.uk).

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If you know anyone who would like to ride this wave, please pass it along!  
And check out the ESRI Marine and Coastal Website for more information.

<http://www.esri.com/industries/marine/index.html>