



Upcoming marine GIS-related publications and events:

A compilation summary
for Summer 2002 (Wave5 Set1)

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If you would like to be added to the ESRI Marine GIS Special Interest Group mailing list,  
visit <http://gis.esri.com/newsletters/newssubscribe.cfm?news=MarineGIS>.

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### ESRI User Conference Marine- and Ocean-Related Tracks

The following is a list of the marine- and ocean-related tracks to be offered at the ESRI User Conference. Tuesday, July 9, is the day to be there, with many interesting papers and presentations including

- IMS in the Coastal Zone
- Enterprise GIS in the Coastal Zone
- Coastal Zone Management I
- Coastal Zone Management II
- And the Marine SIG—Salon E

For more information, please visit the conference Web site at <http://www.esri.com/events/uc/index.html>

## **ESRI Marine Special Interest Group Meeting**

The Marine Special Interest Group Meeting will be held at the ESRI User Conference on Tuesday, July 9, 2002, 5:30 p.m.–7:00 p.m., Marina–Salon E (in the Marriott). The primary focus of discussion will be the growing interest and applications of marine GIS with a focus on the ESRI marine data model.

## **Visit the ESRI Coastal and Marine Web Site**

for the latest marine-related GIS news and developments.

This Web site is the result of many people's focused efforts contributing to bring together a marine and coastal Web site to marine GIS users all over the world. Please visit and send this link to anyone involved in the marine GIS world.

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

## **New Marine Book: *Undersea with GIS***

*Undersea with GIS*, new from ESRI Press—<http://dusk.geo.orst.edu/undersea>  
Edited by Dawn Wright, foreword by Sylvia Earle, 253 pp., \$24.99

*Undersea with GIS* focuses on recent technical advances in mapping the deep oceans, coasts, and estuaries with GIS as well as nautical charting and scientific visualization. Also included is a special section on Internet delivery of these products as well as a CD-ROM with GIS tools and extensions for oceanographic applications. So many advances have been presented in excellent form at recent ESRI User Conferences that the book will include papers from the Coastal, Ocean, and Marine Resources track at the 1999 and 2000 ESRI User Conferences as well as selected projects featured in past ESRI Map Galleries and at the 1999 User Conference Special Exhibition on Ocean GIS.

Royalties from the sales of *Undersea with GIS* will be donated to the Oregon chapter of the Surfrider Foundation and the Oregon State University Diversity Internship Program in Marine Sciences.

Contact: Jet Propulsion Laboratory, Alan Buis, 818-354-0474  
NASA Headquarters, Jim Cast, 202-358-1779  
<http://www.jpl.nasa.gov>

## **International Geographical Union Commission on Coastal Systems**

The International Geographical Union Commission on Coastal Systems (IGU-CCS) is now active again. Those of you who have subscribed longest to this list may recall that it was originally set up as an activity of this Commission, even though it has now broadened its membership considerably. We would also urge you to consider becoming an active member of the Commission, either by contributing to existing Commission projects or, if you see a gap that needs filling, proposing and organizing your own project.

The Commission invites you to visit its new, updated Web site at <http://igu-ccs.ucc.ie>.

## **Managing Shared Waters**

Managing Shared Waters  
Towards Sustainable Transboundary Coastal Ecosystems

International Conference  
Hamilton, Canada  
June 23–28, 2002

It is now time to register for the Managing Shared Waters (MSW) International Conference if you want to take advantage of special hotel rates for conference delegates. Managing Shared Waters planning is well under way. The MSW Preliminary Program for the morning and afternoon is now posted on the Managing Shared Waters Web site at <http://www.pollutionprobe.org/managing.shared.waters/index.htm>.

## **MEDCOAST Events**

MEDCOAST announces two events in 2002.

Mediterranean and Black Sea Beaches 2002: Beaches of the Mediterranean and the Black Sea: Dynamics, Regeneration, Ecology, and Management, October 24–27, 2002, Sarigerme/Dalaman, Turkey.

The workshop will convene in a very attractive beach hotel located on the southern Turkish Aegean coast. It aims to bring together engineers, scientists, planners, managers, decision makers, and developers to discuss the integrated management of beach resources. The workshop covers a wide range of topics that are significant for beaches. They range from technical subjects (such as sand transport and the associated morphological changes, beach defense schemes with emphasis on sand nourishment, and soft innovative solutions) to subjects pertinent to daily management of recreational beaches (including recreational water quality standards, beach aesthetics and users' perceptions, beach management guidelines, and interference with beach ecology). The

papers selected for presentation in the workshop will be published in the proceedings, which will be made available to the participants at the time of registration.

For information about the workshop, abstract submission, and preregistration, visit <http://www.medcoast.org.tr/medblack2002/index.html>.

MEDCOAST Institute 2002: Integrated Coastal Management in the Mediterranean and the Black Sea. The Sixth International Training Programme, September 3–17, 2002, Dalyan—The Aegean Coast—Dalyan, Turkey

This is a comprehensive hands-on training program on integrated coastal management specific to the needs of the Mediterranean and the Black Sea. The institute includes one week of fieldwork carried out on a sailing boat along the Aegean coast in addition to dynamic in-class teaching. The training program is targeted at professionals holding midmanagerial positions in their central governments and being responsible for planning and executing programs or projects on coastal and marine issues. Other interest groups include employees of coastal municipalities, nongovernmental environmental organizations, universities, and research centers.

Deadline for application: June 20, 2002

For information about MEDCOAST Institute 2002 and the process of application, including online application, visit <http://www.medcoast.org.tr/mci2002/index.html>.

## **Society for Conservation GIS Conference**

Society for Conservation GIS (SCGIS)  
5th Annual SCGIS Conference  
July 5–7, 2002

The theme of this year's conference is "Embracing Diversity." Topics will address the community-building efforts of conservation activities, emphasizing the efforts made by government agencies, academics, nonprofits, activists, and commercial groups to work together and communicate. Please address this theme and discuss the benefits and challenges of forging partnerships with local and international communities. We encourage you to communicate the pros and cons of your networking and collaboration with the various interest groups relevant to your work. Tell us how you broke down the barriers and how that effort benefited your project.

We are looking for abstracts that highlight one or more of the following:

1. Community building efforts of your conservation activities
2. Technical applications of GIS in conservation

3. Recurring philosophical and ethical issues faced in conservation applications
4. Solutions to the common problems in developing research, data, and solutions for GIS applications in the field of conservation
5. Networking and professional development opportunities for attendees

For more details and a scholarship application, visit <http://www.scgis.org/scholarship.html>.

Additional information about this year's conference will be posted to <http://www.scgis.org/conference.html> as it becomes available. For general information about SCGIS, please visit [www.scgis.org](http://www.scgis.org).

Please post this announcement to all applicable lists and interested individuals!

## **Franco–Chinese Workshop on Safety Navigation**

June 3–6, 2002, Shanghai, China

Co-organized by Shanghai Maritime University (<http://www.shmtu.edu.cn>), the French Naval Academy (<http://www.ecole-navale.fr>), and the French Ministry of Foreign Affairs.

The workshop will be held at Shanghai Maritime University June 3–6, 2002.

This workshop will give you an opportunity to present and discuss the latest progress on the technology, application developments, and prototypes of computational solutions to navigation security. The workshop will favor exchanges and confrontations of approaches among academics, software industrialists, and decision makers. Contributions to the following areas are solicited.

- \* Harbor management
- \* Recent developments in marine systems
- \* Integration of GIS and navigation systems
- \* Automated navigation systems
- \* Security in navigation systems
- \* Next generation of ECDIS and AIS
- \* Radar-based systems
- \* Mobile navigation systems
- \* Interfaces
- \* Models and architecture for navigation systems

The sponsors of this event include the French Ministry of Foreign Affairs, the China Navigation Society, the China Society of Naval Architects and Marine Engineers, and the Marine Electrotechnical Committee of the China Electrotechnical Society.

Detailed information on the technical aspects, special events, accommodations, travel arrangements, and excursions will be included in subsequent mailings and will be posted at the workshop Web site at <http://www.ecole-navale.fr>.

For more information, contact Associate Professor Thierry Huet ([huet@ecole-navale.fr](mailto:huet@ecole-navale.fr)) or Professor Tianhao Tang ([thtang@guomai.sh.cn](mailto:thtang@guomai.sh.cn)).

## **ISPRS Commission II Symposium in China**

The ISPRS Commission II Symposium on the Integrated System for Spatial Data Production, Custodian and Decision Support will be held in Xi'an, China, August 20–23, 2002. There will be several sessions on real-time mapping technologies at the symposium.

You may visit the official Web site of the symposium at [http://isprs2.nsd.gov.cn/xian/Xian1\\_index.htm](http://isprs2.nsd.gov.cn/xian/Xian1_index.htm).

Just before the symposium, the International Workshop on Mobile and Internet GIS will be held at Wuhan University, Wuhan, China, August 15–16, 2002. The working group will co-organize the workshop.

You can find announcements of this workshop at [http://shoreline.eng.ohio-state.edu/wg2-1/mobile\\_internet\\_gis\\_first\\_call.doc](http://shoreline.eng.ohio-state.edu/wg2-1/mobile_internet_gis_first_call.doc) and <http://shoreline.eng.ohio-state.edu>.

## **Marine GIS Publications**

See the press release on Dawn Wright's latest new title, *Undersea with GIS*, at <http://www.esri.com/news/arcnews/fall01/articles/underseawithgis.html>.

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For other related publications, please see marine GIS publications at <http://dusk.geo.orst.edu>.

*Marine and Coastal Geographic Information Systems* at <http://dusk.geo.orst.edu/book>.

*Undersea with GIS* at <http://dusk.geo.orst.edu/undersea>.

A new collection of marine GIS case studies called *Marine Geography* will be going to press in the coming months. The 25 chapters highlight many elements of marine-related conservation and management. The publication goal is Summer 2002.

## **Marine Advanced Technology Education Center**

### Summer Workshop for Faculty on Marine Topics and GIS

The Marine Advanced Technology Education (MATE) Center will be hosting a faculty workshop in Monterey, California, in the summer of 2002 on topics related to the marine environment, marine technology, and the applications of GIS.

Proposed topics include

- Conservation Issues, Marine Habitats, and Marine Protected Areas
- Marine Archaeology (shipwrecks and cultural resources)
- Seafloor Mapping (side scan sonar, multibeam, submersibles)
- Geohazards (tsunamis, submarine landslides)

The topics will be presented in the context of how GIS enhances and advances these fields.

The goals of these workshops are to

- Increase the awareness of career opportunities in the marine technical field.
- Increase the understanding of technologies applied to ocean activities.
- Facilitate a closer interaction between marine science and GIS/technology faculty.
- Increase the diversity of students exposed to GIS, marine technology, and marine technical careers.

If you are interested in participating in this workshop, please fill out a survey at [http://extra.marinetech.org/gis\\_survey/](http://extra.marinetech.org/gis_survey/).

We will design the workshop around the interests and needs of the participants. Everyone completing the survey will be sent an application for the summer workshops. For more information on the survey or summer workshops, contact Deidre Sullivan, curriculum and industry manager, at [deidres@marinetech.org](mailto:deidres@marinetech.org).

The MATE Center also hosts summer workshops focused on submersible technology—the design and building of remotely operated vehicles (ROVs) and autonomous underwater vehicles (AUVs)—and conducts local and national ROV design and building competitions for students. For more information on submersible technology workshops, please see the Web site at <http://www.marinetech.org/education/workshops.html>.

For more information on the ROV competition, see [http://www.marinetech.org/rov\\_competition/index.html](http://www.marinetech.org/rov_competition/index.html).

## **Pacem in Maribus 2002 Conference**

University of the Western Cape  
Cape Town, South Africa  
December 8–14, 2002

The global ocean is of supreme importance to humanity. Not only does the ocean provide a relatively cheap source of food and transport, but it is also a vital planetary life support system. For much of human history, the global ocean has been treated as inexhaustible both in terms of what it can yield and what it can absorb.

The new economy and the current trend of globalization exacerbate existing problems and bring new challenges for the ocean. At no time in history has the ocean been under the pressure it is today, but also at no time has the ocean been such a source of exciting opportunities. It is vital that we accept the challenge not only of creating opportunities but also of using them in a wise and sustainable manner to bring benefits to coastal communities in both the developed and especially the developing world.

The theme of this conference, "Oceans in the New Economy," seeks to explore problems created within the ocean by the new economy and, more important, to identify opportunities for sustainable use that arise out of interactions between the new economy and the global ocean.

The symposium will be hosted by the International Ocean Institute–Southern Africa. It will be held at the University of the Western Cape, in Cape Town, the premier tourist destination and mother city of South Africa. Please visit the Web site at <http://www.ioinst.org/pim2002> for more information, or contact the symposium secretariat at [pim2002@uwc.ac.za](mailto:pim2002@uwc.ac.za).

## **Coastal GeoTools 2003 Conference**

Coastal GeoTools is back! Please mark your calendars for January 6–9, 2003, to join us in historic Charleston, South Carolina, for the Premier Spatial Technology Conference for Coastal Resource Professionals.

This GeoTools conference will be better than ever, so we sincerely hope you will be able to attend. Please visit the Web site at <http://www.csc.noaa.gov/GeoTools/> for initial conference information. Visit the Web site often since it will be updated periodically to include the final program, registration, and exhibitor information.

If possible, please forward this message to colleagues who may want to attend this important conference. If you did not receive the GeoTools conference mailings last year and would like to be added to the mailing list, please reply to this message with the words "GeoTools Add" in the subject field. Add your contact information in the text portion of the return e-mail. If you would prefer to have your name removed from the GeoTools e-mail distribution list, please reply to this message and include the words "GeoTools Remove" in the subject field.

## **International Symposium on GIS/Spatial Analyses in Fishery and Aquatic Sciences**

The deadline for registering and submitting an abstract for the Second International Symposium on GIS/Spatial Analyses in Fishery and Aquatic Sciences is June 15, 2002. At present, spaces are available for participation and abstract presentation. If you wish to attend and/or present your paper, we suggest you register as soon as possible.

For details, please see the *final* announcement at <http://www.esl.co.jp/Sympo/sympo11.htm>.

Fishery/Aquatic GIS Research Group (Organizer)  
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