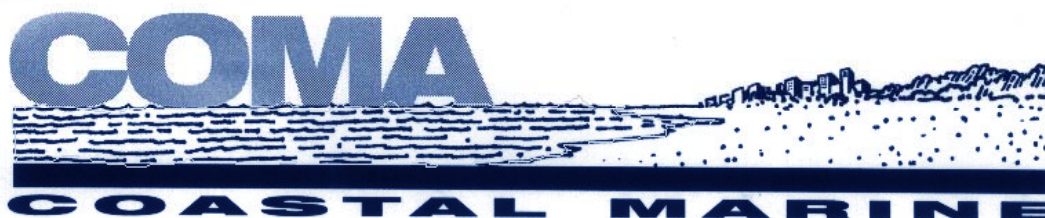

COASTAL LETTERS



NEWSLETTER OF THE COASTAL AND MARINE GEOGRAPHY SPECIALTY GROUP OF
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Steve Namikas, Secretary-Treasurer
Department of Geography and Anthropology
Louisiana State University
Baton Rouge, LA 70803
Phone: (225) 578-6142
E-mail: snamik1@lsu.edu

Jennifer L. Rahn, Board of Directors
Department of Geology
Baylor University
P.O. Box 97354
Waco, TX 79798-7354
Phone: (254) 710-2361
E-mail: Jennifer_Rahn@baylor.edu

Specialty Group Officers

Diane Horn, Chair
School of Geography
Birkbeck College, University of London
Mallet Street
London WC1E 7HX
England (UK)
Phone: 44 (207) 631-6480
E-mail: d.horn@bbk.ac.uk

Patrick Hesp, Vice-Chair
Department of Geography and Anthropology
Louisiana State University
Baton Rouge, LA 70803
Phone: (225) 578-6244
E-mail: pahesp@lsu.edu

Doug Sherman, Board of Directors
Department of Geography
MS 3147
Texas A&M University
College Station, TX 77843-0100
Phone: (979) 845-7188
E-mail: sherman@tamu.edu

Dawn Wright, Board of Directors
Department of Geosciences
Oregon State University
Corvallis, OR 97331-5506
Phone: (541) 737-1229
E-mail: dawn@dusk.geo.orst.edu

Membership Renewal Reminder

Don't forget to renew your membership in the Coastal and Marine Geography Specialty Group. When you renew your membership with the AAG, please update your E-mail address as well to ensure inclusion on our mailing list – and remind your colleagues! Membership dues for the Specialty Group remain at \$1 for students and \$5 for regular and associate members.

Nominations for Specialty Group Officers

This year will see considerable change in the make up of the specialty group leadership, with several officers reaching the end of their terms. Diane Horn will be completing her term as Chair, and current Vice-Chair Patrick Hesp will assume the leadership role. Also, two members of our Board of Directors, Dawn Wright and Doug Sherman, will reach the end of their terms, and Steve Namikas will have completed his second year as Secretary-Treasurer. We extend our thanks to all of these individuals for their dedicated service to the specialty group.

We will need to elect a new Vice-Chair, two Board members, and a Secretary-Treasurer at the specialty group business meeting in Denver (currently scheduled for Friday, 4/08/05, 7:30-8:30 pm). The duties of the Board members include judging the Student Merit Awards and serving on committees under the direction of the Vice-Chair. Members of the board also evaluate nominees and vote on the recipient for the R.J. Russell Award. The position is for a two-year term, as determined according to the timing of AAG annual meetings. The Secretary-Treasurer handles the specialty group finances, and compiles and edits the newsletter, also for a two-year term. The Vice-Chair serves a two-year term, followed by two years as Chair. Would you, or someone you know, like to get involved? If so, please pass along nominations to Diane Horn or raise them at the meeting.

The R. J. Russell Award Nominations

Nominations for the R.J. Russell Award should be directed to the Vice-Chair – Patrick Hesp (pahesp@lsu.edu). *Nominations for next year (2006) should be made at least 2 weeks prior to the annual AAG meeting.* This specialty group award is presented in recognition of an individual's major contributions to the field of coastal or marine geography. These contributions may be in research, teaching, public service, and/or to the specialty group. Previous awardees include H. Jess Walker (1991), Fillmore Earney (1992), Norb Psuty (1993), Karl Nordstrom (1996), Doug Sherman (1997), Bernard Bauer (1999), Robin Davidson-Arnott (2000), Patrick Hesp (2001), Andrew Short (2003), and Alan Trenhaile (2005). The R. J. Russell Award is named in honor of Richard Joel Russell (1895-1971). He was Dean of the Graduate School at Louisiana State University for 12 years, an organizer of the Coastal Studies Institute (1954), president of both the Association of American Geographers (1948) and Geological Society of America (1957), and named to the National Academy of Sciences (1959).

Nominations are only accepted from COMA members, but nominees do not have to be members of either the specialty group or the AAG. Two nominations are required for consideration for the Award. At least one of the nominations must be a complete letter of nomination that will include one paragraph describing the nominee's contributions to the field of coastal or marine geography and/or to the special interest group, and a list of the nominee's relevant activities and publications.

Musings from the Chair – Diane Horn

Dear CoMa members,

I can't believe I'm already writing my last column as chair of the specialty group – two years has gone by incredibly quickly. I'd like to thank everyone who's been involved in the leadership of the specialty group: Pat Hesp (vice-chair), Steve Namikas (secretary-treasurer), and board members Doug Sherman, Jennifer Rahn, and Dawn Wright. I'd also like to thank Rich Daniels and Bernie Bauer for their help in judging the student paper competition in Philadelphia. And, of course, thanks to all of you who've participated in CoMa-sponsored sessions.

So many abstracts came in at the last minute that it looked like we weren't going to have many coastal sessions this year, but in the end it all came together, with 14 CoMa sponsored or co-sponsored sessions in Denver. There are 2 student paper sessions, 2 CoMa sessions, and 10 sessions co-sponsored with other specialty groups (GIS, Geomorphology, Climate, Remote Sensing, and Human Dimensions of Global Change). Thanks to Jean Ellis, Kam-biu Liu, Dorothy Sack, Tiffany Vance, Dawn Wright, and Xiaojun Yang for organising sessions. The full list of sessions is given in this newsletter, and also on the web site. Once again, there is a problem with sessions on coastal topics which didn't come through CoMa and were organised by the AAG. The specialty group chair doesn't find about these sessions until the schedule is on the AAG web site, and by that time it's too late to change them. I've raised the issue again with AAG staff, but there isn't an easy solution. So this year there are 3 sessions on Friday, called Coastal and Marine I, II, and III (which implies they're sponsored by CoMa, but the names were actually chosen by the AAG). Unfortunately, these sessions are scheduled on Thursday afternoon at the same time as the Don Currey sessions. I'll have to go along and see if these people are interested in joining CoMa.

Dr. Alan Trenhaile (University of Windsor, Canada) will be receiving the 2005 RJ Russell Award in Denver. His paper will be at 5:20 pm on Tuesday 4 April in the Coastal Geomorphology session. So far I haven't received any nominations for the 2006 Russell Award. The nomination deadline is 21 March, and nominations should be sent to the Vice-Chair, Pat Hesp (pahesp@lsu.edu). Two nominations are required for consideration for the Award, and at least one of the nominations must include a complete letter of nomination which will include one paragraph describing the nominee's contributions to the field of coastal or marine geography and/or to the specialty group and a list of the nominee's relevant publications. The nominee does not have to be members of either the specialty group or the AAG.

Many of the past chairs of the specialty group have used this column to think about what it means to be a geographer. When we're making the case for geography, we usually talk about how geography integrates natural and social science – but how often do we actually do this? Last year there were some very good papers that did this, but this year the papers seem to be divided into human and physical again. A recent paper in *Area* (Harrison et al. 2004. Thinking across the divide: perspectives on the conversations between physical and human geography. *Area* 36, 4: 435-442) addresses this issue. The authors of this paper make the point that at a time when so many issues cross the divide between human and physical sciences, geography could and should be playing a leading role. This is certainly true of coastal and marine issues, and I'd like to put in a plug for one session which we hope will provide this integrated perspective, the panel discussion on 'Coastal Futures – High and Dry'. This session generated a very lively discussion last year, and we hope this one will do the same, despite being scheduled at 8 am.

Obviously there won't be a coastal field trip in Denver, but I hope that you will all come to the CoMa-sponsored sessions and the specialty group meeting, which is on Friday night from 7:30 to 8:30. The hardest part of the Philadelphia AAG was getting the beer for the specialty group meeting. Although I grew up in the Philly area, I wasn't really a beer drinker then, and so I didn't remember that you can't buy beer in supermarkets or state liquor stores. I ended up taking a taxi to a beer distributor and smuggling it into the hotel in my suitcase – thanks to Rich Daniels for being my partner in crime. I hope it will be easier in Denver – see you there!

Diane

News and Views from Members

Please send any announcements, updates, reports from the field, job listings, or anything else that might be of interest to our members to the Editor (snamik1@lsu.edu). No need to wait, I'll file things for the August 2005 issue.

FIU Beach Management Conference:

The FIU Laboratory for Coastal Research's **Beach Management Conference** (March 1 – 4, 2005) IS RAPIDLY APPROACHING. If you have not yet registered but expect to attend the conference, please reply to Natalie Defraene at defraene@fiu.edu so that we may add your name to our list. Then, FORWARD YOUR REGISTRATION FORM and payment (check or credit card) by February 15th. Anyone who is interested in attending the conference now has the option of paying the fee by credit card. Credit card payments must be made online, and please note your method of payment on your application. Instructions are as follows:

-Please go to: www.pware.com/0158

-Click on "International Hurricane Research Center" (please disregard the dates underneath – the actual dates of the conference are March 1-4, 2005)

-Then click on "Beach Management, Tourism and the Coastal Environment"; from there, instructions are given on how to enter your credit card number and information.

Students are also welcome to attend the conference. The discounted fee is \$75.00. Please note that you are a student on the application, as well as the school that you are attending.

You can now review our agenda and find program information and hotel accommodations at: http://www.ihrc.fiu.edu/lcr/news/conference_2005.htm.

Our program promises a diverse mix of new ideas and important revelations from "on the ground" coastal management experience, and in-depth examination of issues and techniques from around the country.

A Welcome Reception will be held on the evening of March 1st, which will be hosted by Alliance for Coastal Technologies, a NOAA funded partnership of research institutions, state and regional resource managers and private sector companies working with sensor technologies. In addition to our sessions, we'll take a field trip to local beaches with improvement projects in progress. You can also elect to stay for a free leisure trip to the Pennekamp Coral Reef for snorkeling or a glass-bottom boat ride. <http://www.pennekamp.com>. We hope you will join us here at Florida International University for this unique opportunity in beautiful Miami.

Natalie M. Defraene, Florida International University

News From OSU:

** Oregon State now has a new certificate program in geographic information science at the undergraduate, graduate, and working professional levels, with tracks in remote sensing, cartography, surveying/ geomatics, and GIS. Many graduate students with a marine/coastal geography interest are participating. More info. is at <http://www.geo.oregonstate.edu/gcert>

** Dawn Wright (Geography Program) and Jim Good (Director, Marine Resource Management) at Oregon State, with funding from the NOAA Coastal Services Center (CSC), have launched a small minority graduate fellowship program to attract African-American, Native American, Latino/Hispanic, students to marine geography, GIS, and coastal resource management. We will be accepting two outstanding students in Fall 2005, one in Geography and one in Marine Resource Management, on graduate teaching and research assistantships towards

completion of Master of Science degrees. Summer activities will include paid internships in GIS and remote sensing at the NOAA CSC in Charleston, SC, registrations at state and regional coastal zone management workshops, and all-expenses paid trips to the ESRI International User Conference and Coastal Zone '05 in New Orleans. We hope to keep this program going so that many more students will be able to apply for funding.

** Recent books that may be of interest:

--> published in 2004 - Mayer, L., Barbor, K., Boudreau, P., Chance, T., Fletcher, C., Greening, H., Li, R., Mason, C., Metcalf, K., Snow-Cotter, S., and Wright, D., "A Geospatial Framework for the Coastal Zone: National Needs for Coastal Mapping and Charting," Washington, DC: National Academies Press, 149 pp.
<http://www.nap.edu/books/0309091764/html/>

--> forthcoming in spring 2005 - Wright, D.J. and Scholz, A.J. (Eds.), "Place Matters: Geospatial Tools for Marine Science, Conservation and Management in the Pacific Northwest," Corvallis, OR: Oregon State University Press, in press, 2005. <http://dusk.geo.orst.edu/placematters/>

--> forthcoming in 2006, a reference book on ArcMarine (aka as the ArcGIS marine data model) with a geodatabase template - Wright, D.J., Halpin, P.N., Blongewicz, M.J., and Breman, J., "ArcMarine: A Geospatial Framework for Marine and Coastal Analysis," Redlands, CA: ESRI Press. <http://dusk.geo.orst.edu/djl/arcgis>

** Oregon State has a new IGERT doctoral program in Ecosystem Informatics, which welcomes applications from interested students in marine and coastal geography. Doctoral fellowships to this program are valued at nearly \$26,000. For more information, please see <http://www.geo.oregonstate.edu/igert/>

** The Davey Jones Locker Seafloor Mapping/Marine GIS has been remodeled, complete with new aquarium? ;-)
Some pictures are at <http://dusk.geo.orst.edu/djl/labpics04/>

Dawn Wright, Oregon State University

Award Received:

Antony Orme (University of California, Los Angeles) and Gary Griggs (University of California, Santa Cruz) announce the award of \$240,000 for a research program on "The evaluation and prediction of beach changes due to natural processes and human impacts along the southern California coast." The Principal Investigators, together with two graduate students at UCLA and two at UCSC, are investigating beach changes during historic time, but especially over the past 100 years, with a view to directing federal and state agencies towards a more rational use of resources, especially those involving beach nourishment and shore-protection structures. The project is funded by California's Coastal Environmental Quality Initiative and involves a combination of field, remote sensing, archival and laboratory research.

Tony Orme, UCLA

Slide Project Update:

1. The COMA slide project is rolling along. The themes for the current CD are (1) Coastal Hazards and (2) Marine Geography. Please let me know if you intend to submit any images by contacting me at mcraghan@macges.org. You can bring them on CD with you to the AAG meeting!
2. If anyone is interested in chatting about how physical scientists study human-environmental interactions look me up in Denver.

Craghan, Michael. 2004. The Study of Human Action in the Physical Environment. Physical Geography, Vol. 25, pp. 251-268.

Craghan, Michael. Sediment delivery and accumulation in a developed area during coastal floods. Forthcoming in *Geomorphology*. Currently an "article in press" on the journal web site.

Michael Craghan, New Jersey

New PhD Program in Geography & Environmental Science & Policy:

The University of South Florida has begun a new Ph.D. program in Geography and Environmental Science and Policy (ESP). It is an interdisciplinary program, the curriculum of which is designed around the strengths of the University in critical areas of geography and the environment. The program is designed to integrate fully the strengths of the Departments of Geography and ESP. Emphasis is placed on providing theoretical rigor and methodological skills enabling the students to make significant and original research and policy contributions in an integrated interdisciplinary environment. In addition, the degree has a very strong applied component as the constituting Departments have strong emphases in working on solutions to real-world geographical and environmental problems. The program will focus on developing state-of-the-art researchers able to navigate in today's complex world. We anticipate that our students will address many important local, regional, national, and global issues that require a cross-disciplinary perspective. The degree has five particular emphasis areas chosen to reflect strengths of existing faculty and key research needs. The five areas are:

1. Economic, Social, and Planning Issues in the Urban Environment
2. Karst Science and Climate Change
3. Natural/Technological Hazards and Health
4. Landscape Ecology
5. Water Resources and Policy

These areas will be functionally supported by strong departmental resources, which include Geographic Information System (GIS) and remote sensing facilities, a computerized meteorology laboratory, and a soils and physical geography laboratory. For more information, visit USF Geography at <http://www.cas.usf.edu/geography/index.html> or contact Dr. Philip Reeder, Graduate Director at preeder@cas.usf.edu.

Mark Hafen, University of South Florida

Position Available: Coastal Resource Economist

The Department of Environmental Studies (DES) and the International Hurricane Research Center (IHRC) at Florida International University invite applications for a tenure-track *joint* position at Assistant or Associate Professor level. We seek a social scientist who conducts research on the economic and social impacts of natural hazards on coastal environments and human communities. The successful candidate will become the Director of IHRC Laboratory for Social Science Research and will regularly communicate, and pursue funding opportunities, with such as agencies as NOAA, FEMA and Florida Department of Community Affairs-Emergency Management. The candidate will be expected to develop a vigorous, externally-funded research program relevant to coastal hazards and societal impacts. The knowledge of applying GIS or other geospatial techniques to social, behavioral and ecological data is important. The candidate will also teach graduate and undergraduate courses in DES, an interdisciplinary department, in broad areas including resource economics, environment and society, coastal communities and risk, etc. The applicant should have a Ph.D. in relevant areas such as economics, economic geography, or agricultural economics. For more information contact Dr. Stephen Leatherman (leatherm@fiu.edu). Send a cover letter, CV, selected reprints, a statement of interest in interdisciplinary teaching and research, and three letters of recommendation to Chair, Coastal Resource Economics Search Committee, Department of Environmental Studies, Florida International University, University Park, Miami FL 33199. We will begin reviewing applications on March 1, 2005, but will continue to consider new applications until the position is filled.

Stephen Leatherman, Florida International University

Before and After...

Fall 2004 hurricanes took a toll on UWF property, obliterating the 4-5m high foredunes that had characterized this section of the Florida Panhandle.



Chris Houser, University of West Florida

COMA Sponsored Sessions at AAG' 2005

Listed below are the sessions sponsored or co-sponsored by the Coastal and Marine Specialty Group this year. Abstracts for the papers are available on the AAG website: <http://convention.allacademic.com/aag2004/>

Coastal and Marine Specialty Group sponsored or co-sponsored sessions:

Tuesday 5 April

1. Aeolian geomorphology

Tuesday 4 April, 2:00-3:40

sponsored by Coastal and Marine Specialty Group

session organiser: Jean Ellis, Texas A&M

chair: Jean Ellis

Jean Ellis, Department of Geography, Texas A&M: The design and implementation of microphones to measure aeolian sand transport

Andreas Baas, Department of Geography, King's College London: Evaluating aeolian sand transport models at varying scales

Pat Hesp, Department of Geography, Louisiana State University: Wind flow and aeolian sand deposition in artificial vegetation

Steve Namikas, Department of Geography, Louisiana State University: Field measurements and modelling of energy partitioning during grain-bed collisions in aeolian saltation: preliminary results

2. Coastal Geomorphology

Tuesday 4 April, 4:00-5:40

sponsored by Coastal and Marine Specialty Group

session organiser: Diane Horn, Birkbeck College, University of London

chair: Steve Namikas

Philip Chaney, Department of Geology and Geography, Auburn University: Images from a post-storm aerial survey of Hurricane Ivan's landfall along the Alabama coast in September, 2004

Michael Craghan, Middle Atlantic Center for Geography and Environmental Studies: Characteristics of suspended sediment in water flooding a Spartina marsh

Paul Gares, East Carolina University: Evaluating Hatteras Island sediment budget using LIDAR

Diane Horn and Sue Walton, School of Geography, Birkbeck College, University of London: Sediment dynamics on mixed sand and gravel beaches

Alan Trenhaile, Department of Earth Sciences, University of Windsor, Canada: Erosional processes on sloping and horizontal shore platforms in eastern Canada

3. Remote Sensing and GIS for Estuarine and Coastal Ecosystem Analysis I

Wed. 6 April, 8:00-9:40

sponsored by Remote Sensing Specialty Group and Coastal and Marine Specialty Group

session organisers: Xiaojun Yang, Florida State University and Luoheng Han, University of Alabama

chair: Xiaojun Yang

Luoheng Han, University of Alabama: Estimating and mapping chlorophyll concentration in the Gulf of Mexico using remote sensing techniques

Deepak Mishra: Benthic habitat mapping using QuickBird imagery: a case study at Roatan Island, Honduras

Tuxen Karin: Pattern metric response to changing grain size and post-classification smoothing method: what is the appropriate scale to quantify salt marsh vegetation?

Xiaojun Yang, Florida State University: Linking estuarine water quality indicators with watershed landscape and socio-economic metrics using GIS and spatial modelling techniques

4. Student Paper Merit Award Competition 1

Wednesday 6 April, 1:00-2:40

sponsored by Coastal and Marine Specialty Group

session organiser: Diane Horn, Birkbeck College, University of London

chair: Diane Horn

Michael Bitton, Department of Geography and Anthropology, Louisiana State University: Preliminary steps for establishing long-term GIS studies of coastal dunes

Jennifer Booth, Department of Geography and Anthropology, Louisiana State University: Vegetation porosity and its relationship to shadow dune deposition

Zheng Cheng, Department of Geography, Texas A&M: Investigation of coastal land use changes by integrating remote sensing imagery and population census data

Brandon Edwards, Department of Geography and Anthropology, Louisiana State University, Investigation of the effects of detached, segmented breakwaters on nearshore process and morphology

Songgang Gu, Department of Geography, Texas A&M: Topologically constrained transect method for shoreline change analysis and prediction in GIS environment

5. Student Paper Merit Award Competition 2

Wednesday 6 April, 3:00-4:40

sponsored by Coastal and Marine Specialty Group

session organiser: Diane Horn, Birkbeck College, University of London

chair: Diane Horn

Lindsey Kraatz, Department of Earth Sciences, UNC Wilmington: Historical analysis of back barrier marsh change in Southeastern North Carolina

Maddalena Romano, Graduate Center, City University of New York: Predicting nearshore bathymetric profiles using GIS models

Phillip Schmutz, Department of Geology, Baylor University: Spatio-temporal beach profile variability on the Caribbean Island of Dominica

Beth Watson, Department of Geography, Berkeley: Vegetation change in San Francisco estuary tidal marshes

Joanna Wolaver, Department of Geography, University of Texas at Austin: Competing for water: challenges and strategies for maintaining freshwater inflow into Texas coastal reserves

6. Session I in Honor of Donald R. Currey: Scientist, Scholar, Mentor

Thurs. 7 April, 1:00-2:40

sponsored by Geomorphology Specialty Group and Coastal and Marine Specialty Group

session organisers: Dorothy Sack, Ohio University, and Shizuo Nishizawa

chair: Shizuo Nishizawa

Shawn Blissett: Tribute to Donald R. Currey

James F. Petersen, Texas State University, San Marcos: Piedmont scarps along the Wasatch Front and the dissertation mentorship of Donald R. Currey

Dorothy Sack, Ohio University: Donald R. Currey, Lake Bonneville scientist and scholar

Genevieve Atwood, Earth Science Education: Great Salt Lake shorelines: geoantiquities of scientific and societal value

7. Session II in Honor of Donald R. Currey: Mountains, Deserts, Coasts and Soils

Thurs. 7 April, 3:00-4:40

sponsored by Geomorphology Specialty Group and Coastal and Marine Specialty Group

session organisers: Dorothy Sack, Ohio University, and James F. Petersen, Texas State University, San Marcos

chair: Dorothy Sack

John Shroder Jr, University of Nebraska: The K2 Karakoram Himalaya Project

David E. Wilkins, Boise State University: Dendochronology of dune activity in the coral pink sand dunes, Kane County, Utah

Norbert P. Psuty, Rutgers University: Sedimentation and geomorphological evolution of a flood tide delta, Great Egg Harbor Bay, New Jersey

Donald Johnson, University of Illinois: The genetic link between small fossorial vertebrates, two-layered bioturbators, and Mim Mounds in the Puget Sound Lowlands, Washington

8. Session III in Honor of Donald R. Currey: Lacustrine Geomorphology **Thurs. 7 April, 3:00-4:40**

sponsored by Geomorphology Specialty Group and Coastal and Marine Specialty Group

session organisers: Dorothy Sack, Ohio University, and James F. Petersen, Texas State University, San Marcos

chair: James F. Petersen, Texas State University, San Marcos

Harry M. Jol, University of Wisconsin, Eau Claire: Ground penetrating radar of large lake basins or looking inside coastal deposits: a tribute to Donald R. Currey

Molly Hansen, University of Utah: Pleistocene - Holocene transition in the Greater Owens River system and other endorheic subbasins of the Great Basin, western USA: paleohydrologic patterns

Shizuo Nishizawa: Abrupt climate change records of the Pleistocene - Holocene transition in the Bonneville basin, western USA

Brad Thein, University of Utah: Evidence for Holocene fluctuations of Great Salt Lake in exposures along the Malad River, Utah

9. Panel discussion: Coastal Futures – High and Dry **Friday, 8 April, 8:00-9:40**

sponsored by Human Dimensions of Global Change Specialty Group and Coastal and Marine Specialty Group

session organisers: Susi Moser, Environmental and Societal Impacts Group, National Center for Atmospheric Research; Diane Horn, School of Geography, Birkbeck College, University of London

chair: Susi Moser

Susan Cutter, Director, Hazards Research Lab, Department of Geography,, University of South Carolina: Coastal hazards

Klaus Meyer-Arendt, Department of Environmental Studies, University of West Florida: Future trends in coastal urbanization

James K. Mitchell, Department of Geography, Rutgers University: What we can learn about the future of the coast from the past

Rob Schwartz, Department of Geography, Ball State University: Response and recovery issues from hurricanes

Diane Horn, School of Geography, Birkbeck College, University of London: Living with floods – coastal flood hazards and development

Susi Moser, Environmental and Societal Impacts Group, National Center for Atmospheric Research: The limits to common sea-level rise adaptation strategies

10. Hurricanes II: Paleotempestology **Friday, 8 April, 10:00-11:40**

sponsored by Climate Specialty Group and Coastal and Marine Specialty Group

session organiser: Kam-Biu Liu, Louisiana State University

chair: Terry McCloskey

Claudia Mora: Little Ice Age tropical cyclone activity and drought in the southeastern US: observations from tree-ring oxygen isotopes

Amy Frappier: A speleotherm proxy for high-resolution paleotempestology

Kam-Biu Liu, Louisiana State University: A paleotempestological record from Nobska Pond, Cape Cod: testing the Bermuda High hypothesis

Jennifer Hathorn, Louisiana State University: Late Holocene paleoecology and paleotempestology of the Pascagoula Marsh, Mississippi

11. Marine/Coastal GIS & Acoustic Remote Sensing **Friday, 8 April, 10:00-11:40**

sponsored by GIS Specialty Group and Coastal and Marine Specialty Group

session organiser: Dawn Wright, Oregon State University

chair: Dawn Wright, Oregon State University

Dawn Wright, Oregon State University: Introduction

Dawn Wright, Oregon State University: Benthic terrain modeling algorithms and web distribution

Ron W. Rinehart, Oregon State University: 3D benthic terrain mapping and modeling in American Samoa

Steve Watt, Sea Engineering Inc: Monitoring harbor dredging and sedimentary changes in coastal habitats of the Santa Cruz Bight, California

Joanne Halls, UNC Wilmington: A spatial and temporal analysis of dolphin community structure in southeastern North Carolina

12. Multidimensional Marine GIS and more

Friday, 8 April, 12:00-1:40

sponsored by GIS Specialty Group and Coastal and Marine Specialty Group

session organiser: Tiffany C. Vance, Oregon State University and NOAA, Diane Horn, School of Geography, Birkbeck College, University of London

chair: Tiffany C. Vance, Oregon State University and NOAA,

Lawrence R. Handley, United States Geological Survey: A concept plan for the development of a national shoreline layer for the National Map

Jennifer Rahn, Department of Geology, Baylor University: The physical and cultural geography of
Domenica, West Indies: small volcanic island coastal problems and management

Wayne Engstrom, Department of Geography, California State University, Fullerton: Sediment supply to Southern California beaches in the late nineteenth century

Tiffany C. Vance, Oregon State University and NOAA, Creation of a Java and GIS-based tool for oceanographic analysis

Laura Kracker, Spatial data and analysis tools for defining the aquatic landscape

Coastal and Marine Specialty Group Business Meeting

Friday 8 April, 7:30-8:30

Upcoming Conferences

GIS in Marine and Coastal Environments. March 16-19 2005. London, England.

Coastal Dynamics '05. *5th International Conference on Coastal Dynamics.* April 11-15 2005. Barcelona, Spain.
More Info: www.coastaldynamics.org/cd05/index.html

ICCM2005. *International Conference on Coastal Conservation and Management in the Atlantic and Mediterranean.* April 17-20 2005. Algarve, Portugal. More Info: <http://iccm2005.tripod.com>

Solutions to Coastal Disasters. May 8-11 2005. Charleston, SC. More Info: www.asce.org/conferences/cd05

ICS 2005. *Second International Coastal Symposium.* June 5-8 2005. Hornafjordur, Iceland. More Info: www.hornafjordur.is/icecoast/ics2005

Waves '05. *5th International Symposium on Ocean Wave Measurement and Analysis.* July 3-7 2005. Madrid, Spain.
More Info: www.cedex.es/waves2005/

Coastal Zone '05. *Balancing on the Edge.* July 18-21 2005. New Orleans, LA.
More Info: www.csc.noaa.gov/cz/

If you know of any related conferences coming up in 2004 or if you have announcements or newsworthy items concerning you, your department, or agency, *please* take a moment to send them to the newsletter editor. Thanks!