



NEWS & ANNOUNCEMENTS

EUROCOAST: European Coastal Zone Association for Science and Technology

“LITTORAL 94”: Second International Symposium

Lisbon, 26–29 September 1994

A multi-disciplinary Symposium on Coastal
Zone Research, Management and Planning—
Europe and Mediterranean—Organized by
Associação EUROCOAST, Portugal.

Initial sponsors: Federation EUROCOAST,
Ministério do Ambiente e Recursos Naturais,
Junta Nacional de Investigação Científica e Tec-
nológica, Laboratório Nacional de Engenharia
Civil, Instituto Superior Técnico, Instituto de
Hidráulica e Recursos Hídricos.

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VANISHING LANDS

A 30-minute Television Program Hosted by Dr.
Stephen P. Leatherman, Professor, University of
Maryland, College Park, Maryland, U.S.A.

Sea level had been steadily rising worldwide
during the past century, causing beach erosion,
wetlands loss, and other coastal impacts. At the
same time, coastal populations are burgeoning,
which puts humanity on a collision course.

“Vanishing Lands” first explores the Chesape-
peake Bay—an area rich in history and a thriving
seafaring, recreational, and residential area. Its
varied coastline makes it a microcosm of the
worldwide effects of sea-level rise. This video viv-
idly illustrates how slowly rising sea levels have
resulted in considerable land loss and the aban-

donment of many small islands in the Bay. Mov-
ing through the Mississippi Delta and on to the
lowlands of the Netherlands, the video examines
the environmental consequences and different re-
sponses to rising sea level.

Designed for both broadcast and classroom use,
“Vanishing Lands” tells the story of one of the
most significant environmental trends facing the
world today in easily understood, informative lan-
guage. “Vanishing Lands” uses graphics, archival
photography, and scenes from coastal areas to
illustrate commentary from the world’s leading
experts on sea-level rise and coastal impacts.

Vanishing Lands is the winner of a CINE Gold-
en Eagle Award.

VHS videocassette
\$29.95 for home/personal use,
\$69.96 institutions
Include \$3.00 for shipping
(MD residents add 5% sales tax)

Send check or money order to:
University of Maryland Foundation
% Laboratory for Coastal Research
1113 LeFrak Hall
University of Maryland
College Park, MD 20742, U.S.A.
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COASTAL ZONE CANADA '94—COOPERATION IN THE COASTAL ZONE

*Conference Announcement and
First Call for Abstracts/Papers*

A major international coastal zone management
conference, Coastal Zone Canada '94 (CZC'94) will
be held in Halifax, Nova Scotia, Canada, on 20–
23 September 1994. The theme of the conference
is “Cooperation in the Coastal Zone”. Its purpose
is to provide an exciting opportunity for partici-
pants from many different disciplines and areas
of interest to explore strategies for developing new
partnerships in coastal zone management. Panel

sessions, workshops and Roundtable discussions will examine cooperative approaches and new working relationships among coastal zone stakeholders. Concurrent paper presentation sessions will focus on the sharing of new and existing knowledge, experience, and technologies related to coastal and marine issues.

CZC'94 will be broad in scope covering among other aspects: community initiatives, scientific research, engineering development, conservation and protection, socio-economic issues, law and politics and coastal management. Among coastal zone user interest groups expected to attend are residents, community-based organizations, aboriginal groups, scientists and engineers, academics, government (municipal, provincial and federal), primary resource users, industry and business and the military, from Canada and other nations.

A major Trade Show and Exhibition is planned to allow companies and organizations to meet with other conference attendees. In addition, Poster sessions will be a prominent feature of the conference.

CZC'94 will be held at the World Trade and Convention Centre in Halifax. Located on Canada's Atlantic coast, Halifax is a seaport city with a history and tradition of the Maritimes region of Canada, a focus for many coastal zone endeavours, and famous for its hospitality.

Conference Co-chairs are Mr. Larry Hildebrand, Environment Canada Protection and Conservation and Mr. Brian Nicholls, Marine Assessment and Liaison, Bedford Institute of Oceanography. The conference office is located at the Bedford Institute of Oceanography (P.O. Box 1006, Dartmouth, NS, Canada, B2Y 4A2). Secretariat Phone: (902) 429-9497, Fax (902) 429-9491.

Deadline for submission of abstracts: September 30, 1993

Deadline for submission of manuscripts: March 31, 1994

NATO SCIENTIFIC AFFAIRS DIVISION
NATO Special Programme on the
Science of Global Environmental
Change

Activities Held and Scheduled

The Advanced Study Institutes and Advanced Research Workshops funded by the Special Programme are given below. Each meeting is held under the responsibility of its director, to whom

all requests for information, attendance or support should be addressed. Participation or tuition fees are not required from participants, some of whom may obtain small grants from the meeting director to assist with travel and living expenses. Attendance at ARWs is usually by invitation, but a few places are available for particularly well-qualified scientists upon application to the director. Attendance at ASIs is open to all suitably-qualified applicants. Locations and dates noted in this list may change. Books prepared as an output of the meetings, usually six to twelve months after the date of the meeting, are published in a special NATO ASI series by Springer Verlag. Information on books can be requested from the Publication Co-ordination Office (PCO), Elcerlyclaan 2, B-1900 Overijse, Belgium.

Advanced Research Workshops (ARW's)

The Science of Global Environmental Change: Dr. R. Corell, National Science Foundation, Room 510, 1800 G Street NW, Washington, DC 20550, U.S.A.: 31 May-2 June, 1990, Il Ciocco, Italy.

Interactions of C, N, P and S Biogeochemical Cycles: Prof. R. Wollast, Université Libre de Bruxelles, Laboratoire d'Océanographie Chimique, 1050 Bruxelles, Belgium: 4-8 March, 1991, Melreux, Belgium.

Correlating Records of the Past: Dr. G. Kukla, Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY 10964, U.S.A.: 4-9 April, 1991, Mallorca, Spain.

Paleoclimate Modeling: Dr. J. Jouzel, Commissariat à l'Énergie Atomique, Centre d'Études Nucléaires de Saclay, 16191 Gif-sur-Yvette Cédex, France: 27-31 May, 1991, Gif-sur-Yvette, France.

Prediction of Interannual Climate Variations: Dr. J. Shukla, University of Maryland, Department of Meteorology, Centre for Ocean-Land-Atmosphere Interactions, College Park, MD 20742, U.S.A.: 22-26 July, 1991, Trieste, Italy.

The Global Cycle of Methane; Sources, Sinks, Distributions and Role in Global Change: Prof. M. Khalil, Oregon Graduate Center, Institute of Atmospheric Sciences, 19600 NW Von Neumann Drive, Beaverton, Oregon 97006-1999, U.S.A.: 6-11 October, 1991, Timberline Lodge, Oregon, U.S.A.

The Impacts of Global Change on Coastal Oceans: Dr. P. Holligan, Plymouth Marine Laboratory, Prospect Place, Plymouth PL1 3DH, United Kingdom: 14-17 October, 1991, Château de Bonas, France.

Biogeochemical Ocean-Atmosphere Transfers: Prof. R. Prinn, Massachusetts Institute of Technology, 54-1312, Center for Global Change Science, Cambridge, MA 02139, U.S.A.: 27-31 January, 1992, Bermuda Biological Station, Bermuda.

Carbon Cycling in the Glacial Ocean: Constraints on the Ocean's Rule in Global Change: Prof. R. Zahn, GEOMAR, Research Centre for Marine Geosciences, Dept. of Palaeoceanography, Wischhofstrasse 1-3, D-2300 Kiel 14, Germany: 17-19 September, 1992, Fellhorst, Germany.

Ice Core Studies of Global Biogeochemical Cycles: Dr. R. Delmas, Laboratoire de Glaciologie et Géophysique de l'Environnement, B.P. 96, 38402 St. Martin d'Heres Cédex, France: 25-30 March, 1993, Annecy, France.

Global Precipitation and Climate Change: Dr. M. Desbois, Ecole Polytechnique, Laboratoire de Météorologie Dynamique, 91128 Palaiseau Cédex, France: 27 September-1 October, 1993, La Londe Les Maures, France.

Strategies for the Use of Palaeoclimate Data Sets in Climate Model Intercomparison and Evaluation: Dr. J. Guiot, CNRS, UA 1152, Laboratoire de Botanique Historique et Palynologie, Faculté St. Jérôme, 13397 Marseille Cédex 13, France: 22-26 October, 1993, Aussois, France.

The Solar Engine and its Influence on Terrestrial Atmosphere and Climate: Dr. E. Nesme-Ribes, Observatoire de Paris, Département d'Astronomie Solaire & Planétaire, 5 Place Janssen, 92195 Meudon, France: 25-29 October, 1993, Paris, France.

Reconstruction of North Atlantic Climate Change Using Extinct Plant Data: Prof. M. Boulter, University of East London, Palynology Unit, Romford Road, London E15 4LZ, United Kingdom: 12-16 November, 1993, London, United Kingdom.

Climate Sensitivity to Radiative Perturbations: Physical Mechanisms and Validation: Dr. H. Le Treut, Laboratoire de Météorologie Dynamique, Ecole Normale Supérieure, 24 rue Lhomond, 75231 Paris Cédex 05, France: 13-17 June, 1994, Paris, France.

Prospects for Carbon Sequestration in the Biosphere: Prof. O. Heal, Institute of Terrestrial Ecology (North), Edinburgh Research Station, Pentlands, Midlothian, EH26 0QB, United Kingdom: 18-22 July 1994, Edinburgh, United Kingdom.

Advanced Study Institutes (ASIs)

The Global Carbon Cycle: Dr. M. Heimann, Max-Planck-Institut für Meteorologie, Bundesstrasse 55, 2000 Hamburg 13, Germany: 8-20 September, 1991, Il Ciocco, Italy.

Energy and Water Cycles in the Climate System: Prof. E. Raschke, GKSS Research Centre in Geesthacht, Institute for Physics, Max-Planck-Strasse, 2054 Geesthacht, Germany: 30 September-11 October, 1991, Lüneburg, Germany.

Modelling Oceanic Climate Interactions: Prof. J. Willebrand, Universität Kiel, Institut für Meereskunde, Düsternbrooker Weg 20, 2300 Kiel 1, Germany: 17-28 February, 1992, Les Houches, France.

The Role of the Stratosphere in Global Change: Dr. M.L. Chanin, CNRS, Service d'Aéronomie, BP 3, 91371 Verrières le Buisson Cédex, France: 14-25 September, 1992, Carqueiranne, France.

Long-term Climatic Variations—Data and Modelling: Prof. J.-C. Duplessy, Centre des Faibles Radioactivités, CNRS, Avenue de la Terrasse, F-91198 Gif-sur-Yvette, France: 27 September-11 October, 1992, Siena, Italy.

HILTON HEAD ISLAND SYMPOSIUM PROCEEDINGS VOLUME AVAILABLE

Proceedings in the form of Preprints from the June 6-9 Hilton Head Island International Symposium on "all kinds of shore problems" are available from the conference center: P.O. Box 5628, HHISL, SC, 29938, U.S.A. Price is \$75.00/copy incl. mailing. Overseas add \$10.00/copy. The proceedings cover 106 papers in about 730 pages printed from camera-ready copies.