



## **COVER PHOTOGRAPH AND FRONT MATTER: MAGDALENA CHANNEL AND AGOSTINI SOUND IN TIERRA DEL FUEGO, CHILEAN PATAGONIA**

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*Journal of Coastal Research*, an International Forum for the Littoral Sciences, is dedicated to all aspects of coastal research. These include geology, biology, geomorphology (physical geography), climate, littoral oceanography, hydrography, coastal hydraulics, environmental (resource) management, engineering, and remote sensing. Although each field functions effectively within its own purview, the cross-disciplinary nature of coastal studies requires familiarity with other fields as well. Hence, the scope of topics is necessarily broad in order to address the complexity of coastal biophysical and socio-economic interactions. Because of the wide range of interrelated topics, the journal invites original contributions and manuscripts dealing with theory, methodology, techniques, and field or applied topic studies on interdisciplinary coastal issues.

The journal encourages the dissemination of knowledge and understanding of the coastal zone by promoting cooperation and communication between specialists in different disciplines. Natural scientists, for example, are encouraged to collaborate with professionals in other fields to prepare contributions relating to the coastal zone that foster increased appreciation of coastal environments and processes. By means of this journal, with its scholarly and professional papers, systematic review articles, book and symposia reviews, communications and news, and special topical issues, an international forum for the development of integrated coastal research is provided.

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**Magdalena Channel and Agostini Sound in Tierra del Fuego, Chilean Patagonia.** Agostini Sound is a fjord in Tierra del Fuego that separates two branches of the Darwin Cordillera, part of the longest range found in the Andes. It was named after Alberto María de Agostin (1883–1960), who was an Italian missionary in Tierra del Fuego and a passionate mountaineer, explorer, geographer, ethnographer, photographer, and cinematographer. He was the first person to reach several of the peaks in the region, as well as numerous glaciers and fjords. The Cordillera contains some of the most rugged peaks in southern Chile, many covered in ice. The fjord was carved by the Aquila Glacier during the last Ice Age and is part of the Magdalena Channel, which serves as a major navigation route that connects the Strait of Magellan with the Cockburn Channel. Local wildlife includes condors, dolphins, sea lions, and penguins. (Photograph taken 30 January 2015 by Deepika Shrestha Ross and caption by Gary Griggs, University of California, Santa Cruz [UCSC], Santa Cruz, California, U.S.A.)



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Because CERF is concerned with broad environmental issues, our efforts concentrate on significant problems such as maintenance of good quality (potable) water with adequate supply, and hazards associated with potential beach erosion, flooding, and susceptibility of developed shorelines to storm surge and wave attack. By focusing attention on these potential man-made and natural hazards, it is hoped that our research efforts will help others improve the quality of life in diverse coastal areas. CERF thus aims to stimulate awareness of coastal (marine and freshwater shorelines) land and water problems; initiate and foster research and innovation to promote long-term coastal productivity; establish an educational forum for the debate of contentious coastal issues; and develop new principles and approaches for enlightened coastal management, and encourage their adoption and use.



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Dr. Charles W. Finkl is President and Executive Director of the Coastal Education and Research Foundation [CERF], publisher of the JCR. Charlie, a founding editor of the *Journal of Coastal Research*, has served as Editor-in-Chief for the past 30 years. He is a Research Professor in the Department of Geosciences at Florida Atlantic University in Boca Raton, Florida. He received his Bachelor and Master of Science degrees from Oregon State University and the Ph.D. from the University of Western Australia. He is a member of more than 20 professional societies and has published more than 200 professional papers, books, and reports. He is a Chartered Marine Scientist (CMarSci) [Institute of Marine Engineering, Science and Technology], Certified Professional Geological Scientist (CPGS) [American Institute of Professional Geologists (AIPG)], Certified Professional Soil Scientist (CPSSc) [American Registry of Certified Professionals in Agronomy, Crops, and Soils], and a Professional Wetland Scientist (PWS) [Society of Wetland Scientists]. Charlie has field experience in parts of the USA, Caribbean area, Brazil, Honduras, Russia, South Africa, Western Europe, Australasia, and South Pacific islands. He is also the Series Editor of the Encyclopedia of Earth Sciences Series that is published by Springer (Germany). There are more than twenty-eight volumes in the Series and about twenty-five are available online. Charlie also serves on the Editorial Board of the *International Journal of Environmental Studies* (Routledge) and is an occasional peer reviewer for many other professional journals.

Charlie has interests and expertise in the general areas of surficial geology, coastal and marine geomorphology (including coastal classification), coastal/marine biophysical environments, exploration geochemistry, soils and weathering (regolith geology), coastal zone management and engineering applications or impacts on natural systems (including erosion control and shore protection), coastal hydrology including submarine freshwater and mineralized seeps, subaerial and marine structural geology, natural hazard mitigation in coastal zones, marine environments and coastal wetland protection and restoration, and remote sensing (e.g., land cover classification in coastal wetlands, advection-diffusion turbidity plumes in coastal waters, delineation of bottom types and sand resources), effluent disposal and pollution of wetlands and estuaries, water resources mapping and conservation, time series studies of wetland hydroperiod and soil moisture.

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The International Coastal Symposium (ICS) was originally set up by Per Bruun (deceased) and Charlie Finkl as the official meeting of the Coastal Education and Research Foundation (CERF), with one of the first meetings being held in Hilton Head, South Carolina, in 1993. After the repeated success of these meetings, CERF moved the ICS to the international scene holding these conferences in conjunction with local sponsors in Australia, Brazil, Iceland, New Zealand, Northern Ireland, Poland, and Portugal. The ICS brings together delegates from all over the world to collaborate and discuss the most current coastal research studies and projects. During the ICS 2014, which was held in Durban, South Africa, a grand celebration took place to mark the 30th Anniversary of CERF and the JCR. Our next ICS meeting is scheduled for March of 2016 in Sydney, New South Wales, Australia. For more information, please visit [www.cerf-jcr.org](http://www.cerf-jcr.org).

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## CONTENTS

### RESEARCH ARTICLES

Classification of Continental Shelves in Terms of Geospatially Integrated Physiographic Realms and Morphodynamic Zones .....	1
..... <b>Christopher Makowski, Charles W. Finkl, and Heather M. Vollmer</b>	
Statistical Analysis of Historical Extreme Water Levels for the U.S. North Atlantic Coast Using Monte Carlo Life-Cycle Simulation .....	35
..... <b>Norberto C. Nadal-Caraballo, Jeffrey A. Melby, and Victor M. Gonzalez</b>	
Analysis of Ocean Current Observations in the Northern Veracruz Coral Reef System, Mexico: 2007–12.....	
..... <b>María E. Allende-Arandía, Jorge Zavala-Hidalgo, Rosario Romero-Centeno, Adriana Mateos-Jasso, Juan M. Vargas-Hernández, and Luis Zamudio</b>	46
Foraminifera, Thecamoebians, and Bacterial Activity in Polluted Intertropical and Subtropical Brazilian Estuarine Systems .....	
..... <b>Lazaro L.M. Laut, Virginia Martins, Frederico S. da Silva, Mirian A.C. Crapez, Luiz F. Fontana, Sinda B.V. Carvalhal-Gomes, and Rosa C.C.L. Souza</b>	56
Zooplankton Abundance in the Surf Zones of Nourished and Unnourished Beaches in Southeastern North Carolina, U.S.A. ....	
..... <b>Kelly Jo Stull, Lawrence B. Cahoon, and Thomas E. Lankford</b>	70
A Study of Long Wave Attenuation over Composite Undulating Breakwaters .....	
..... <b>Ruey-Syan Shih and Wen-Kai Weng</b>	78
Physical Processes Contributing to Localized, Seasonal Hypoxic Conditions in the Bottom Waters of Smithtown Bay, Long Island Sound, New York .....	
..... <b>R. Lawrence Swanson, Cassandra L. Bauer, Robert E. Wilson, Paula S. Rose, and Christine O'Connell</b>	91
Improving Modeling of Tides on the Continental Shelf off the West Coast of India .....	
..... <b>L. Testut and A.S. Unnikrishnan</b>	105
Influence of the Remote Forcing and Local Winds on the Barotropic Hydrodynamics of an Elongated Coastal Lagoon.....	
..... <b>Rafael Casares-Salazar and Ismael Mariño-Tapia</b>	116
Swell Prediction for the Korean Coast .....	
..... <b>Jin-Hee Yuk, Kyeong Ok Kim, Kyung Tae Jung, and Byung Ho Choi</b>	131
Modeling of Nonlinear Wave Attenuation due to Vegetation .....	
..... <b>Theofanis Karambas, Theoharris Koftis, and Panayotis Prinos</b>	142
Hydrodynamic Conditions Associated with an Onshore Migrating and Stable Sandbar.....	
..... <b>Jun Cheng, Ping Wang, and Ernest R. Smith</b>	153
Fully Nonlinear Modeling Wave Transformation over Fringing Reefs Using Shock-Capturing Boussinesq Model .....	
..... <b>KeZhao Fang, ZhongBo Liu, and ZhiLi Zou</b>	164
Wave Climate Hindcasts for the Bohai Sea, Yellow Sea, and East China Sea .....	
..... <b>Bingchen Liang, Xin Liu, Huajun Li, Yajie Wu, and Dongyong Lee</b>	172

### REVIEW ARTICLES

Hurricane Barriers in New England and New Jersey: History and Status after Five Decades .....	
..... <b>Andrew Morang</b>	181

### TECHNICAL COMMUNICATIONS

A Calibration Equation for Combining Dry-Sieving and Laser-Diffraction Techniques for Assessing Grain-Size Distributions of Beach Sands.....	
..... <b>Tanith M. Ramsdale and Peter G. Fairweather</b>	206
Artificial Neural Network-Based Data Recovery System for the Time Series of Tide Stations.....	
..... <b>Jun-Whan Lee and Sun-Cheon Park</b>	213

### BOOK REVIEWS

The Last Beach by Orrin H. Pilkey and J. Andrew Cooper.....	
..... <b>Charles W. Finkl</b>	225



VOL. 32, NO. 1, January 2016

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