

Coastal Education and Research Foundation [CERF] is pleased to announce our newly appointed Regional Vice Presidents (RVP), who throughout the international scientific community continue to provide outstanding representation of our coastal research society. Please join us in honoring the following individuals for their tremendous service and support of CERF and the JCR.

## **CERF-JCR Regional Vice Presidents**

### **North America**

Gary B. Griggs, Ph.D.  
James R. Houston, Ph.D.  
Timothy W. Kana, Ph.D.  
Norberto C. Nadal-Caraballo, Ph.D.

### **Western Europe**

Luciana S. Esteves, Ph.D.  
Carlos Pereira da Silva, Ph.D.  
Marcel J.F. Stive, Ph.D.

### **Eastern Europe**

Niki Evelpidou, Ph.D.  
Kazimierz K. Furmańczyk, D.Sc.

### **Middle East and N. Africa**

Michael Phillips, Ph.D.

### **Oceania**

Charles Lemckert, Ph.D.  
Anja Scheffers, D.Sc.  
Vic Semeniuk, Ph.D.  
Andrew D. Short, Ph.D.

### **Southeast Asia**

Hak Soo Lim, Ph.D.  
Nobuo Mimura, D.Eng.

### **South America**

Vanda Claudino-Sales, Ph.D.  
Omar Defeo, D.Sc.



## CERF-JCR RVP (North America)

Gary B. Griggs, Ph.D.



Gary Griggs, Ph.D., is a Distinguished Professor of Earth and Planetary Sciences at the University of California Santa Cruz where he has been on the faculty for 52 years. He directed the Institute of Marine Sciences for 26 years where he led the development of the University's Coastal Science Campus. His research, teaching and writing are focused on coasts and include coastal hazards, erosion and engineering and the effects of sea-level rise on the coastline. He has authored or co-authored 12 books and has written a biweekly newspaper column, Our Ocean Backyard for the past 12 years. He was given the Outstanding Faculty Award by the Division of Natural Sciences at UCSC in 1998 and honored by the UCSC Alumni Association with the Distinguished Teaching Award in 2006. The California Coastal Commission and Sunset Magazine named him one of California's Coastal Heroes in 2009. Gary was elected to the California Academy of Science in 2010. He has been a member of the California Ocean Protection Council Science Advisory Team since 2008 and was appointed to the California Ocean Sciences Trust in 2015. In 2017-2018, Gary chaired the Working Group tasked by Governor Brown to update California's sea-level rise projections, and he also chaired the Coast and Ocean Committee of California's 4th Climate Assessment. He has served on three NAS-NRC committees.

James R. Houston, Ph.D.



Jim Houston, Ph.D., is Director Emeritus of the U.S. Army Engineer Research and Development Center (ERDC), which includes all the research and development laboratories of the Corps of Engineers. He managed one of the most diverse research organizations in the world – seven laboratories at four geographical sites, with over 2,000 employees and an annual program budget of \$1.3 billion. Dr. Houston has published over 130 technical reports and papers and has received several honors and awards including three Presidential Rank Awards and the National Beach Advocacy Award.



Timothy W. Kana, Ph.D.



Tim Kana, Ph.D., is the founder and president of Coastal Science & Engineering, Inc. (CSE-Columbia, South Carolina, USA), with 35 years of experience in coastal erosion projects in a wide range of settings including the Carolinas, Georgia, New York, Texas, the Caribbean, Middle East and West Africa. He was Adjunct Professor for 30 years in the Department of Earth Ocean and Environment at the University of South Carolina, where he taught graduate courses in coastal processes and helped supervise eight M.Sc./Ph.D. students. He has authored over 300 professional papers and technical reports and serves on the editorial boards of Shore & Beach and the Journal of Coastal Research. Dr. Kana's specialties are beach nourishment planning and design, coastal processes and geomorphology, sea-level rise impacts, and coastal zone management. He has served as technical advisor to the States of South Carolina and New York for post-storm beach restoration and developed the profile volume method for determining shoreline position which was codified into law under South Carolina's Beach Management Act of 1988. Dr. Kana and his firm have developed plans and supervised construction of over 50 beach nourishment projects spanning 70 miles and totaling over 40 million cubic yards by a variety of methods including hydraulic and hopper dredging, truck fills and inlet relocation. His current research interests include sediment compatibility for beach nourishment, tidal inlet shoal bypassing, empirical determination of Depth of Closure, and definition of the effective littoral boundaries for coastal erosion studies at decadal time scales.

Norberto Carlos Nadal-Caraballo, Ph.D.



Norberto C. Nadal-Caraballo, Ph.D., is a research civil engineer and leader of the Coastal Hazards Group (CHG) at the U.S. Army Engineer Research and Development Center, Coastal and Hydraulics Laboratory in Vicksburg, Mississippi. Dr. Nadal-Caraballo is an internationally recognized expert in coastal hazard analysis and flood risk assessment. He is the lead of the U.S. Army Corps of Engineers' Coastal Hazards System (CHS) program, which seeks to quantify coastal flooding, waves, wind, rainfall, and associated hazards for all U.S. coastlines impacted by hurricanes and other extreme storms. Dr. Nadal-Caraballo has developed coastal hazards guidance for institutions such as the U.S. Nuclear Regulatory Commission and the Federal Emergency Management Agency. He has also served as adjunct faculty at the University of Puerto Rico – Mayagüez. Since joining the Corps of Engineers in 2007, Dr. Nadal-Caraballo has received numerous professional honors and awards, including the 2016 ERDC Engineer of the Year (Herbert D. Vogel Award), and Great Minds in STEM's Hispanic National Achievement Award Conference (HENAAC) 2015 Civil Engineering Award.

## CERF-JCR RVP (Oceania)

Charles Lemckert, Ph.D.



Charles Lemckert, Ph.D., is currently the Head of School at the University of Canberra's School of Engineering, Mathematics, and Statistics, under the Faculty of Science and Technology. Professor Lemckert has active research interests in the fields of physical limnology, coastal systems, environmental monitoring techniques, environmental fluid dynamics, coastal zone management, and engineering education. Along with his postgraduate students and research partners, Dr. Lemckert is undertaking research studies on water treatment pond design (for recycling purposes), the dynamics of drinking water reservoirs, the study of whale migration in southeast Queensland waters, and ocean mixing dynamics. In 2007, he served as the local Chair and Co-organizer of the 9th International Coastal Symposium (ICS) along the Gold Coast of Australia.

Anja Scheffers, D.Sc.



Anja Scheffers, D.Sc., is currently Full Professor at Southern Cross University in Lismore, NSW, Australia. Her main area of study is coastal evolution, including sea-level change and marine physical natural hazards. Her research specializes in using sedimentary signatures to decipher long-term records of environmental change from the natural environment. She is particularly interested in processes that shape and modify coastal landscapes over a variety of length and time scales and the coupling and feedback between such processes, their rates, and their relative roles, especially in the contexts of variation in climatic and tectonic influences and in light of changes due to human impact. Dr. Scheffers is also the recipient of the ARC Future Fellowship Award for Unraveling Western Australia's Stormy Past - A Precisely-Dated Sediment Record of Cyclones over the past 7000 years and has been awarded multiple research grants from such prestigious entities as the German Research Council, the German Research Foundation, and the Australian Research Council.

Vic Semeniuk, Ph.D.



Vic Semeniuk, Ph.D., is a natural history research scientist, specialising in coastal, estuarine and wetland environments, and mangrove and tidal flat environments. He has 45 years experience in scientific research in Australia, Europe, Canada, the USA, Ireland, the United Kingdom, and South Africa. Dr. Semeniuk is currently the Director of the Research & Development Firm, the V & C Semeniuk Research Group, and has over 130 publications in refereed scientific journals. He also has a proactive interest in conservation and coastal management, and has published multiple scientific works directly and indirectly leading to this objective.

Andrew D. Short, Ph.D.



Andy Short, Ph.D., served as the Director of the Coastal Studies Unit at The University of Sydney and has been the National Coordinator of the Australian Beach Safety and Management Program in cooperation with Surf Life Saving Australia. Dr. Short is mainly interested in the processes and morphology of coastal systems. His present research focuses on the beach and barrier systems of Australia, as it relates to the morphodynamics of representative systems in variable wave and tide environments, and in the nature, hazards, and usage of all Australia beach systems.



## CERF-JCR RVP (Western Europe)

Luciana S. Esteves, Ph.D.



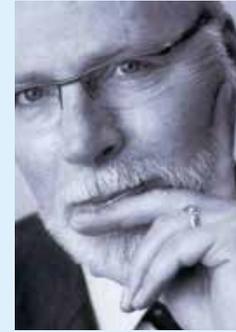
Luciana Esteves, Ph.D., is a principal academic in the Faculty of Science and Technology and Global Engagement Leader for the Department of Life and Environmental Sciences, Bournemouth University, U.K. The scope of her research includes monitoring and quantifying coastal changes driven by natural and human-induced process and the implications to coastal management. More recently, her work on managed realignment schemes in Europe and practical applications of ecosystem based management in northeast Brazil have led to capacity building workshops for government practitioners and researchers in South Africa and Latin America. She was involved in the organising committee of the International Coastal Symposium 2013 and will co-chair the ICS in 2022. Dr. Esteves actively promotes gender equity in science (she is a founding member of the international network Women in Coastal Geosciences and Engineering) and undergraduate students engagement in research (she chaired the British Conference of Undergraduate Research in 2017 and coordinates the Showcasing Undergraduate Research Excellence conferences at Bournemouth University).

Carlos Pereira da Silva, Ph.D.



Carlos Pereira da Silva, Ph.D., member of the CICS. NOVA, Interdisciplinary Center of Social Sciences, Research Group Modelling and Planning Systems, NOVA, University Lisbon. Former Director of e-GEO, Research Centre for Geography and Regional Planning. Dr. Pereira da Silva's research interests are mainly focused on coastal zone management, with specific emphasis in beach management, public participation studies, and carrying capacity. A long time supporter of CERF and the JCR, in April 2009, he served as the local Chair and Co-organizer of the 10th International Coastal Symposium (ICS) that took place in Lisbon, Portugal.

Marcel J.F. Stive, Ph.D.



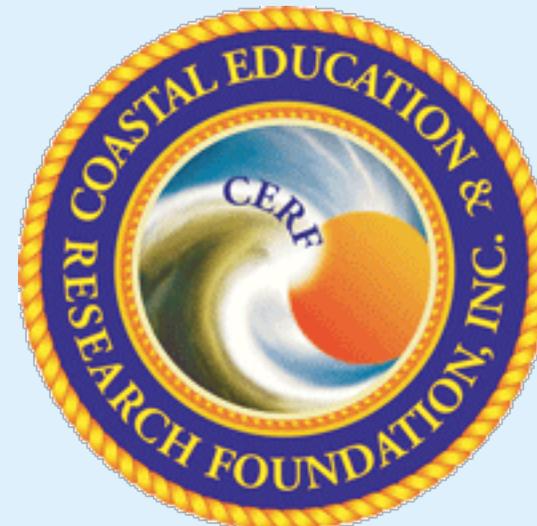
Until 2010, Marcel Stive, Ph.D., was Scientific Director of the Water Research Centre Delft, which is now embedded in the Delft Research Initiative Environment. He currently holds the positions of: Chair of Coastal Engineering in the Section of Hydraulic Engineering and Department Head of Hydraulic Engineering at Delft University of Technology. Dr. Stive was recently appointed Knight in the Order of the Dutch Lion in theatre the Rijswijkse Schouwburg in Rijswijk. He was presented with this award for his outstanding record as a top researcher, much consulted expert, distinguished engineer, and inspiring teacher.

## CERF-JCR RVP (Middle East and N. Africa)

Michael Phillips, Ph.D.



Mike R. Phillips (BSc, PGCE, MSc, PhD, MIEnvSc, FRGS) serves as the Academic Manager for Applied Research and Innovation at the College of the North Atlantic-Qatar (CNA-QATAR). Professor Phillips research expertise includes coastal processes, morphological change and adaptation to climate change and sea-level rise. Consultancy includes beach replenishment issues and developing techniques to monitor underwater sediment movement to inform beach management. He is widely published and recently organized a session on Coastal Tourism and Climate Change at UNESCO Headquarters in Paris as part of his role as a member of the Climate Change Working Group of the UNEP Global Forum on Oceans, Coasts, and Islands.



## CERF-JCR RVP (Southeast Asia)

Hak Soo Lim, Ph.D.



Hak Soo Lim, Ph.D., is a principal research scientist of the Korean Institute of Ocean Science & Technology (KIOST) in Busan, Republic of Korea. His research specifically includes the coastal research discipline of hydrodynamics as it relates to engineering practices and structures. He was involved with the organizing of the International Coastal Symposium (ICS) 2018 and served as Vice-Chairman during the meeting. Dr. Lim has numerous peer reviewed publications and also currently serves on the *Journal of Coastal Research* (JCR) editorial board.

Nobuo Mimura, D.Eng.



Nobuo Mimura, D.Eng., is currently serving as the President of Ibaraki University. His academic areas of expertise are global environmental engineering, coastal engineering, and adaptation policy to climate change. Dr. Mimura has also been a member of the advisory committees for Ministry of Foreign Affairs, Ministry of Infrastructure, Land and Transportation, Ministry of the Environment and Ministry of Education, Culture, Sports, and Science and Technology.



## CERF-JCR RVP (South America)

Vanda Claudino-Sales, Ph.D.



Vanda Claudino-Sales holds a Ph.D. in Geography from the Sorbonne University and a Post-Doctorate in Coastal Geomorphology from the University of South Florida; coming back later to those universities as visiting professor. Now, she is a professor in the Department of Geography at the Federal University of Ceará and part of the Master in Geography program at the State University Valley of Acaraú, in Brazil. Her research focuses on areas of geoscience, acting mainly in coastal geomorphology, environmental geomorphology and geoconservation. With her graduating students and her research team, she is currently studying the coastal dynamics and the impacts of development in tropical coasts. She also has an interest in coastal management and participates in environmental social actions in Brazil.

Omar Defeo, D.Sc.



Omar Defeo, D.Sc., is a professor in the Marine Science Unit at the Universidad de la República in Uruguay. He is also among a select group of ecologists worldwide working on sandy beach ecosystems and how they are threatened by climate change. For the past 15 years, Prof. Defeo has also been involved in artisanal shellfisheries, ecology, and conservation of coastal marine invertebrate biodiversity research in Latin America, primarily in Mexico and Chile.

## CERF-JCR RVP (Eastern Europe)

Niki Evelpidou, Ph.D.



Dr. Dr. M.Sc. Niki Evelpidou is an Associate Professor at the Faculty of Geology and Geoenvironment, National and Kapodistrian University of Athens. She is a distinguished Doctor in both the Faculty of Geology and Geoenvironment of the University of Athens and the Faculty of Geoarchaeology of the University of Franche Comte (France). Dr. Dr. Evelpidou is actively involved in the research fields of geomorphology, coastal geomorphology, sea level changes, palaeogeography, geology, spatial technologies, study and modelling of natural hazards, while emphasizing on the use of new technologies and innovation. She counts more than 180 scientific publications and 17 books and textbooks, while she has given many lectures in Greece and abroad.

Kazimierz K. Furmańczyk, D.Sc.



Kaz Furmańczyk, D.Sc., is currently Full Professor at the University of Szczecin and the Head of the Remote Sensing and Marine Cartography Unit at the Institute of Marine and Coastal Sciences. Author and co-author of over 100 scientific publications including books (2) and chapters, journal articles, abstracts, and conference papers. Contributions are mainly in the disciplines of remote sensing, coastal sciences, hydrology, and oceanography. In May 2011 he served as the local Chair and Co-organizer of the 11th International Coastal Symposium (ICS) that took place in Szczecin, Poland.

