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University of Miami
 Abess Center for Ecosystem Science & Policy
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 Laboratory for Integrated Knowledge
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Wednesday, November 17, 2021

3:00 - 4:30 pm

The Sanibel Report Looking Back: Prescient planning & conservation 45 years later

Reflections, Conversation and Prognostication

INTRODUCTIONS

Gina Maranto & Joanna Lombard
University of Miami

3:00 pm

3:10 -
4:00

PANEL

Moderator, Rosetta S. Elkin, McGill University
Kristie Anders, Sanibel-Captiva
Albert Hine, USF Marine Science, Emeritus
Thomas Missimer, Florida Gulf Coast University
Stanley Riggs, East Carolina University, Emeritus

4:00 -
4:20

Q&A

4:20 -
4:30

CLOSING REMARKS



Kristie Anders

From 1988 to 2018, Kristie Anders served as Education Director at the Sanibel-Captiva Conservation Foundation, where she was described as "heart and soul of the organization," teaching thousands of residents and visitors about the barrier islands' ecology and history. Trained in Marine Science and Environmental Education, she not only taught but also forged productive relationships with both businesses and other conservation groups. In 2008, she was named Citizen of the Year by the Committee of the Islands, dedicated to preserving the sanctuary quality of the islands, for her advocacy "for preservation of Sanibel's fresh water interior wetlands, conservation of the Sanibel River, healing of our coastal waters and protection of our wildlife."



Albert Hine

A broadly-trained geological oceanographer who has addressed sedimentary geology/stratigraphy problems from the estuarine system out to the coastal shelf, Dr. Al Hine, Professor Emeritus, University of South Florida College of Marine Science has examined the response of coastal systems to fluctuations in sea level, climate change, currents, and other factors. A 2009 recipient of the Francis Parker Shepard Medal, he has participated >75 research cruises. His work has elucidated the geologic origins and evolution of submerged paleo-shorelines, reefs, marine marsh systems, and barrier islands.



Thomas Missimer

A Fellow of the Geological Society of America, Dr. Thomas Missimer has made contributions in the fields of hydrogeology, groundwater hydrology, water management, geology, desalination, and water quality and has worked in both the private sector and academe including at the King Abdullah University of Science and Technology and Florida Gulf Coast University, where he is an eminent scholar and director of the Emergent Technologies Institute. His research currently focuses on groundwater quality, seawater and brackish water desalination, evaluation of artificial recharge systems, and coastal geology. He was a lead contributor to *The Sanibel Report* as author of the Hydrology chapter.



Stanley Riggs

East Carolina University Professor Emeritus Dr. Stanley Riggs was the first geologist to systematically track coastal erosion in North Carolina with support from the state's Sea Grant. He pioneered interdisciplinary coastal studies and worked globally studying mineral resources. He published a critical study of the impacts of climate change on the state's coast and as Founder of the N.C. Coastal Resources Commission's science panel, co-authored a report projecting a dire 90-year outlook. When the panel was subjected to political pressures to alter their findings, Riggs resigned in protest. Earlier this year, Dr. Riggs received the prestigious Francis Parker Shepard Medal for "Excellence in Marine Geology." He was a lead contributor to *The Sanibel Report* as author of the Beach Geology chapter.



Rosetta S. Elkin

Panel Moderator Dr. Rosetta S. Elkin is an Associate Professor at McGill University and an Associate of The Arnold Arboretum at Harvard University. Rosetta's work considers living environments with a particular focus on plant life and climate change. She is the recipient of the 2018 Garden Club of America Rome Prize in landscape architecture, The Harvard University Climate Change Award, and has received support ranging from The Graham Foundation for the Arts to the Rockefeller Foundation. She is author and co-author of articles, book chapters, and monographs, most recently, *The Landscape of Retreat* (K. Verlag, Berlin, 2021), a fieldwork based inquiry into climate adaptation that pays close attention to the land that is left behind following relocation schemes. She has led work on Captiva at the Robert Rauschenberg Foundation and is founder of [Practice Landscape](#) where she is committed to design as a means to address the risk, injustice, and instability brought about by the shifts in our shared climate and welcomes projects that heighten the awareness of plant life.

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