

JOHN ENGLANDER - CV

1044 NW 7th Street, Boca Raton, FL 33486 +1 (954) 684-5859 john@johnenglander.net

OVERVIEW

John Englander has been a long-standing leader in the marine environmental arena in both the private and nonprofit sectors. As an author and oceanographic expert on sea level rise he consults for and advises corporations, communities and government agencies. He has established the International Sea Level Institute, where he is the Founder and President. Previously, he was CEO of The Cousteau Society and then the International SeaKeepers Society. In his entrepreneurial career, he developed the world's largest sport diving operation in the Bahamas. Englander's high level network spans science, government, and the corporate world.

EXPERIENCE

INTERNATIONAL SEA LEVEL INSTITUTE

President 2017 - Present Leading a new nonprofit organization focused on understanding and explaining the latest science about long-term rising sea level, directly interfacing with the private sector (businesses and individuals), the public sector (governments at all levels and NGO's), and the scientific / academic communities. The Institute will train professionals in engineering, architecture, finance, law, and planning to prepare for the challenging era ahead. It will act as an advisor to communities that want to anticipate and adapt to higher ocean levels and will review plans. The Institute's focus is on adaptation, but also will address the connection with various efforts at "sustainability" to slow the warming that may slow the rate of ocean rise.

ENGLANDER & ASSOCIATES, Inc. (Also d/b/a RISING SEAS GROUP)

President 2009 - Present Founded a consulting practice specializing in sea level rise education, risk and vulnerability assessments, scenario planning and adaptation due diligence. Corporate and government clients have included: US Coast Guard, General Electric, Ecology & Environment, Marstel-Day, Booz Allen Hamilton, US Department of Homeland Security, Google, San Mateo County, Bay Planning Coalition, Miami Beach Chamber of Commerce, Marine Conservation Institute, Global Environment & Technology Foundation, Haida Salmon Restoration Corporation, and Sub Aquatic Systems (research submarines).

THE INTERNATIONAL SEAKEEPERS SOCIETY

CEO 2004-2009 Transformed a nonprofit that developed innovative ocean monitoring technology for installation on mega-yachts and other vessels. Rebuilt the team and the culture-- strengthened the science; developed new markets; established high level government relations; doubled number of systems deployed globally on diverse vessels and other platforms; licensed out technology; reduced overhead by 80%.

Created a program for the yacht captains. Directly responsible for fundraising of more than \$1M dollars from high net worth individuals and private foundations. Published a primer on ocean policy issues.

ENGLANDER & ASSOCIATES

President 1999 - 2004 Consulting firm focused on the marine and tourism industries, specializing in strategic planning, financial evaluation and branding/positioning. Clients ranged from diving equipment manufacturers to Caribbean hotel chains. Diverse projects included assembling a private equity group for the acquisition, turn-around and sale of a firm manufacturing underwater vehicles.

OLD BAHAMA BAY

Executive Vice President 1997 - 1999

Led a team on Grand Bahama Island for a 150-acre environmentally sensitive real estate

development that included a hotel, marina and residential properties. Responsible for marketing, engineering, legal, governmental and community relations.

THE COUSTEAU SOCIETY

CEO & Director 1997

Personally recruited by Jacques-Yves Cousteau to revitalize the struggling Cousteau Society. Oversaw offices in US and Europe; annual budget \$6-8M. Within 90 days fulfilled goal of creating an innovative new positioning and business plan, building on the past and bridging to the future. Captain Cousteau's untimely death aborted the process and implementation.

UNDERWATER EXPLORERS SOCIETY (UNEXSO)

CEO/Owner 1974-1997 Turnaround of prestigious but failing resort diving complex, based in Freeport, Grand Bahama. Grew the business from a few hundred thousand annually to \$7 million, making it the largest sport diving operation in the world, with approximately 50,000 customers annually. Developed numerous innovations including an ocean dive with dolphins and hand-feeding of Caribbean Reef sharks; instructional programs teaching more than 3,000 new divers annually; led marketing efforts up to Bahamas government Cabinet level. The very successful business included a staff of 85, fleet of 12 boats, bar & restaurant, and large retail operation.

OTHER NOTABLE EXPERIENCE

- Marine Conservation Institute - Senior Advisor
- Ocean Futures Society - Chairman
- NAUI (National Association of Underwater Instructors) - Acting CEO; Chairman of the Board
- PADI Foundation - Director
- Bahamas Air-Sea Rescue Association (BASRA - Grand Bahama) - Chairman
- Leader of study groups to Antarctica and Greenland - 2006, 2007, 2016, 2017
- Leader of High Arctic Diving Expeditions - 1985 & 1987

CREDENTIALS & AFFILIATIONS

- Research Fellow, Institute of Marine Sciences, UC Santa Cruz
- Fellow of the Institute of Marine, Engineering, Science, and Technology (IMarEST) •
- Board of Advisors: Association of Climate Change Officers (ACCO)
- Fellow of The Explorers Club
- Climate advisor: Global Environment & Technology Foundation
- Member of The American Geophysical Union (AGU)
- Member of the American Association for the Advancement of Science (AAAS) •
- Member of the Union of Concerned Scientists
- Member of Marine Technology Society
- Master Scuba Instructor (PADI, NAUI, SSI); approx. 5,000 dives
- Licensed Pilot - multi engine & instrument rating; approx. 3,000 hrs. Pilot-in-Command

PUBLICATIONS

- Book: *"High Tide on Main Street: Sea Level and the Coming Coastal Crisis"*, The Science Bookshelf, October 2012 (plus 2nd Edition October 2014)
- "A Clear Voice on Climate Change and Ocean Impacts" *blog/website* www.johnenglander.net, 2011-Present
- Foreword to "Utilizing Innovative Technologies to Address the Public Health Impact of Climate Change" by Debra Weiss-Randall, IGI Global books, 2018
- Chapter 1 in "Creating Historic Preservation in the 21st Century," by Richard Wagner and de Teel Patterson Tiller, Cambridge Scholars Publishing, 2018

- "Rising Sea Level Requires Engineers to Think Differently", ASCE-EWRI Currents Winter 2016
- "Paris Climate Agreement: The Good, Bad & Ugly", LinkedIn Essay December 13, 2015
- "Climate, Tides & Sea Level Rise", *The Atlantic Current*, Issue 15 - March-April 2015
- "Superstorms And Rising Sea Level Present A New Challenge For Ports" co-author with Austin Howard Becker, Ph.D., *SEAPORTS Magazine*, Vol. 33 - Summer 2014, American Association of Port Authorities
- "Are Rising Seas a Business Risk? Don't Ask the IPCC", co-author with Mark Trexler, Ph.D., *GreenBiz.com*, April 2014
- "Green and Sustainable Will Not Stop Rising Sea Level" published by *LinkedIn* April 2014
- "High Tide On Main Street: America's Small Businesses Must Adapt to Rising Sea Level" co-author with Rebecca R. Rubin, *Climate Change Business Journal*, December 2013
- "In Sandy's Wake", *The Explorers Journal*, January 2013
- "Hurricane Sandy's Timely Reminder to Take Sea Level Rise Seriously", *RTCC*, January 2013
- "Don't Panic, But the Shoreline is Moving Inland", *Disinformation Blog*, November 2012
- "Applying Jacques Cousteau's Wisdom" *Climate Progress blog*, June 2011
- "Critical Ocean Issues", Booklet, Editor & contributing author, August 2009
- "State of the Oceans - A New Perspective", *Diver Magazine*, Canada, September 1996

WORKSHOPS / BRIEFINGS / PRESENTATIONS / MEDIA

Workshops and Briefings (Select) - Also see Presentations Section below:

- "How Rising Sea Level Connects the Arab World to the Arctic and Antarctica" - KFAS (Kuwait Foundation for the Advancement of Science), Kuwait, November 18, 2017
- "Future Flooding - How to Frame and Communicate to Reach Diverse Audiences" - National Association of Flood and Stormwater Management Agencies, Charleston, SC June 28, 2017
- "Rising Sea Levels: Just the Tip of the Iceberg" Canadian Coast Guard leadership with Maritime Business Advisory Council, Montreal, May 24, 2017
- "Warming Arctic, Melting Ice, Rising Seas, Shifting Shorelines" Commandants of the 8 Arctic Nations, Arctic Coast Guard Forum, Boston, MA. March 23, 2017
 - "Rising Seas Exploration" weeklong program for senior executives, General Electric Corporation, ship-based in Antarctica, February 12-20, 2017
- "Lessons from Greenland for the US Air Force" briefing for the Hon. Miranda Ballentine, Assistant Secretary US Air Force, Greenland, various locations, November 2016
- "Greenland as 'Ground Zero' for Global Rising Seas and Shifting Shoreline" program for Commandant ADM Paul Zukunft, Senator Angus King, and Major General Kim Jørgensen (Denmark) Greenland various locations, August 22-26, 2017
- "Understanding Sea Level Rise" at Resiliency and Restoration Seminar, Eagle Nest Adirondack Retreat, Ecology & Environment, Inc., August 10-13, 2015
- University of Prince Edward Island, Climate Research Lab Guest Lecturer, Prince Edward Island, Canada, July 29 - August 3, 2015
- Congressional Testimony to the House Subcommittee on Energy and Mineral Resources, Committee on Natural Resources Washington, D.C. July 28, 2015
- "Rising Seas: A Glass Half Empty or Half Full" US Business Council for Sustainable Development, Yale University, July 16, 2015
- "Basics of Sea Level Rise & Impacts on Coastal Assets & Infrastructure" Principal Instructor at ACCO Course #103 Module of Climate Certification Program June 24, 2015

- "Rising Seas, Shifting Shorelines: Surprising Strategic Situation", Staff briefing for CNA, Arlington, VA, June 19, 2015
- "Mapping the Future: Rising Seas & Shifting Shorelines" Climate and Human Security Conference Symposium, National Geospatial Intelligence Agency, Boulder, CO, June 3, 2015
- "Planning for Climate Change in Rural Coastal Communities" National Adaptation Forum, St. Louis, MO, May 14, 2015
- "Rising Waters Confab", Expert and Artist-in-Residence, the Rauschenberg Residency, Captiva Island, FL, April 30-May 2, 2015
- "Geopolitics, Natural Resource Implications & Extreme Events" Panel Discussion at the ACCO Defense, National Security & Climate Change Symposium, Washington, D.C. April 23, 2015
- Briefing to the Coast Guard Climate Resilience Framework Development Team, United States Coast Guard Headquarters, Washington, D.C., April 21, 2015
- "Rising Sea Level: The New Reality" Keynote for an Environmental Law Workshop sponsored by Barg Coffin Lewis & Trapp, LLP San Francisco, CA, January 29, 2015
- Briefing to 19 members and staff of the California State Assembly - District 24, Sacramento, CA, January 28, 2015
- "Melting Ice, Rising Seas, Shifting Shorelines...the New Reality" EcoWatch panel discussion at Gumbo Limbo Nature Center, Boca Raton, FL, January 21, 2015
- "The New Normal: Superstorms, High Tides & Sea Level Rise" Hong Kong Observatory (Government), November 26, 2014
- "Planning for Sea Level Rise in San Mateo County" Plenary Address, Foster City, California with Member of Congress, County Supervisors, 20 Mayors and city management, June 27, 2014
- "Melting Ice, Rising Seas, Shifting Shorelines: The New Normal" public lecture, Aquarium of the Bay, Pier 39, San Francisco, June 26, 2014
- "Rising Seas and Risk" 3 hour seminar for the Bay Planning Coalition, at the Port of San Francisco, June 25, 2014
- "Sea Level impact on the Everglades" workshop, Arthur R. Marshall Foundation, Lake Worth, FL, May 2014
- Workshop "Rising Seas: Planning for the Inevitable", City of San Francisco, May 2014 • TEDx talk "Sea Level Rise: Fact and Fiction" Boca Raton, FL, May 9, 2014 (Youtube post date June 11, 2014)
- Coastal Vulnerability Assessment - Alaska Radar Sites, US Air Force, under contract to Marstel- Day Environmental Consultants, April 2014
- Naval Station Norfolk, Briefing for Captain in Charge, NAVFAC Mid-Atlantic, April 2014
- Briefing Miami Beach Blue Ribbon Panel on Flooding, April 2014
- Expert testimony to Dade County Sea Level Rise Task Force, Miami, March 2014
- Google HQ workshop: Environmental Impacts on Bay Area Real Estate, February 2014
- Corporate Briefing "Rising Seas and Shifting Shorelines: Anticipating and Adapting to the New Era" to Booz, Allen, Hamilton, Washington D.C., February 2014
- "Preparing for Sea Level Rise" Briefing SPUR, San Francisco, CA, December 2013
- Briefing "The Impacts of Rising Sea Level on the Legal Profession" Nixon-Peabody Annual Partners Meeting, Miami Beach, October 2013
- "Lessons from Hurricane Sandy. Sea Level Rise- A Game Changer," U.S. Water Partnership, Washington, D.C., October 2013
- "Workshop with the Author - High Tide on Main Street" Sustainability Series. Laverne

College, Webinar, October 2013

- Expert Advisor, Netherlands Fact Finding Trip, Miami Beach Chamber of Commerce, September 2013
 - Briefing US Green Building Council- South Florida Chapter “Communicating Climate Change”, July 2013
 - Briefing “Time To Adapt” C2ES Business Environment Leadership Council, Washington, D.C., July 2013
 - Department of Homeland Security, Executive Team Briefing, Washington, D.C., June 2013
 - Staff Workshop: “The Coming Coastal Crisis” Global Environment and Technology Foundation, Arlington, VA, June 2013
 - “Rising Seas & Shifting Shorelines: financial tsunami on the horizon” Neuberger-Berman, Investment Advisors, New York, NY, May 2013
 - Workshop “Sea Level Rise: How Bad Could It Get?” World Ocean Council-Sustainable Ocean Summit, Washington D.C., April 2
 - Workshop: “The Invisible Connection: Air Emissions Will Move the Shoreline”, Bay Area Air Quality Management District, San Francisco, CA, March 2013
 - Workshop Panel member “A Rapidly Changing Arctic, NCSE Annual Conference: Disasters and the Environment, Washington, D.C., January 2013
- Presentations (Select):
- “Guidelines for Florida Architects regarding Sea Level Rise” Florida chapter of AIA (American Institute of Architects), Captiva Island, April 6, 2017
 - “Rising Seas: The New Reality” at the Green Defense Symposium, Center for Military Strategy, Copenhagen, November 8, 2016
 - “Coastal Community Resiliency-Success Factors in Building Resiliency” Preparedness Leadership Council, New York, NY, February 29, 2016
 - “Melting Ice, Rising Seas, Shifting Shoreline: The New Reality” Lecture Dickinson College, PA, February 16, 2016
 - “Rising Sea Level: Fact and Fiction” WPO (World President’s Organization) Newport Beach, CA, February 11, 2016
 - “Rising Seas: Planning for the New Era” City of Delray Beach, FL, February 3, 2016
 - “Annapolis Prepares for Rising Seas: History Meets Future” Annapolis, MD, January 28, 2016
 - Private Presentation of Community Leaders, The Hatcher Group, Annapolis, MD December 9, 2015
 - “Retreat! Navigating the Intricacies of Relocation” Cambridge, MA, November 4, 2015
 - “On the Horizon: Rising Seas and Shifting Shorelines” United States Coast Guard, Washington, D.C., November 4, 2015
 - Rising Seas Summit. Association of Climate Change Officers, Cambridge, MA November 3, 2015
 - Navy Jr. ROTC Lecture Oceanography and Sea Levels, Boca Raton High School, Boca Raton, FL, October 30, 2015
 - “Rising Sea Level: Big Challenge for Engineering” Tetra Tech, Arlington, VA, October 21, 2015
 - “Rising Seas: Historical Context & Cultural Impact” Flagler College, St. Augustine, FL September 22, 2015
 - “Rising Seas: The New Reality” Georgia Medical Society, Savannah, GA, September 8, 2015
 - “Rising Sea Level: An Important Topic for South Florida” Keynote for the Greater

North Miami

Chamber of Commerce August Business Networking Luncheon, August 2015

- "Implications of Rising Sea Level", Panel Discussion, Association of Defense Communities, Washington D.C. June 2015
- "The New Normal: Superstorms, High Tides and Sea Level Rise" lecture at The Real Truth About Health Conference, Orlando, FL, May 2015
- Leadership Finance Orlando Awards Dinner Keynote Presentation Lake Mary, FL April 2015
- "Melting Ice, Rising Seas, Shifting Shorelines: The New Reality" lecture at Harbor Branch Oceanographic Institute at Florida Atlantic University, Ft. Pierce, FL, February 2015
- "Sea Level Rise" for the Biscayne Bay Regional Recreational Coordination Team Key Biscayne, FL, January 2015
- "Staying Afloat: Adapting Waterfront Businesses to Rising Seas and Extreme Storms" keynote speaker at 13th Annual Ronald C. Baird Sea Grant Science Symposium at the University of Rhode Island Graduate School of Oceanography Narragansett, RI December 2014
- "Rising Sea Level: The New Reality", presentation to the Greater Miami Chamber of Commerce Trustee Luncheon, Miami, FL, December 2014
- "Flooding: A Special Crisis for Cultural Resources" keynote for National Trust for Historic Preservation's Past Forward 2014, Savannah, GA, November 2014
- "Rising Seas: Planning for the New Era" keynote at Bay Planning Coalition - Decision Makers Conference, Oakland, CA, May 2014
- TEDx Talk "Sea Level: Fact and Fiction", Boca Raton, FL, May 2014
- Scripps Institution of Oceanography, La Jolla, presentation at Birch Aquarium and participation at Sea Level Adaptation workshop, May 2014
- "Rising Seas: The New Reality" Salon Lecture, President's House - Florida International University (FIU), April 2014
- American Meteorological Society, Lead speaker, "Connecting the Dots" annual Washington Forum, Washington, D.C., April 2014
- "Building Resilient Cities" GLOBE 2014 Sustainability Conference, Vancouver, BC, March 2014
- "Rising Seas Update: IPCC and more", Vancouver Aquarium, March 2014
- "Melting Ice, Rising Seas, Shifting Shorelines" Ding Darling National Wildlife Refuge, Sanibel Island, January 2014
- County of San Mateo, Board of Supervisors, "Rising Sea Level: Planning Ahead for a New Reality" keynote at public Forum, December 2013
- "Visually Reframing the Potential Impact of Rising Sea Level" ACCO - Defense, National Security and Climate Change Symposium, Washington D.C., December 2013
- "Rising Sea Level as a Tool to Communicate Climate Change" National Climate Data Center, Asheville, NC, November 2013
- "A New Way to Frame Sea Level Rise" Keynote Speech, Sea Level Rise Conference. Old Dominion University, Norfolk, VA, October 2013
- "The New Normal -- Storms, Tides, and Sea Level Rise: 5 Key Questions Your 2013 Business Needs to Ask to Be Prepared," Keynote Speech, EHS Management Forum. NAEM, Montreal, Canada, October 2013
- "Melting Ice, Rising Seas, Shifting Shorelines: The New Reality," Lecture Series. New England Aquarium, Boston, MA, September 2013
- Harvard Co-op, lecture and book signing, Cambridge, MA, September 2013

- “Adapting Everglades Restoration to Rising Sea Level”, Conference Keynote, The Arthur R. Marshall Foundation, West Palm Beach, FL, July 2013
 - “Superstorms, Rising Seas, and Disappearing Coastline”, Agora Financial Investor Symposium, Vancouver, BC, July 2013
 - “Melting Ice, Rising Seas, Shifting Shorelines: The New Reality”, Vancouver Aquarium, Vancouver, BC, July 2013
 - “Sea Level Rise: Proof and Effect” Simon Fraser University - Carbon Talk Series, Vancouver BC, July 2013
 - “Saving the Shoreline: An Oceanographic Perspective” Protect Our Beaches Coalition, Boca Raton, FL, June 2013
 - “High Tide On South Beach”, Miami Beach Chamber of Commerce Water Forum. Miami Beach, FL, June 2013
 - “The Coming Coastal Crisis: Storms, Tides, and Sea Level Rise”, Florida Earth Foundation, given in the Netherlands, May 2013
 - “Rising Sea Level and the Coming Coastal Crisis”, George Washington University, Sustainability Program, Washington, D.C., April 2013
 - “Storms, Tides, and Sea Level Rise”, Cornell Club, New York City, April 2013
 - “Sea Level: The Geologic Past Predicts the Coming Crisis”, Explorer’s Club, New York, April 2013
 - “Future sea level clues from ice age history”, Taras Oceanographic Foundation, Jupiter, FL, April 2013
 - “Storms, Tides, and Sea Level Rise”, Keynote Speech, Miami Beach Design Challenge. Florida International University, School of Architecture, Miami Beach, FL, March 2013
 - “Don’t Panic, but the Shoreline is Moving Inland,” Keynote, ACCO Climate Leadership Conference. Washington, D.C., February 2013
 - “Sea Level Rise: Truths and Myths,” Keynote Speech, E4 Climate Summit. West Palm Beach, FL, February 2013
 - “Communicating Climate with a Visual, Disciplined Message,” Empowering Capable Climate Communicators, University of Miami, Coral Gables, FL, February 2013
 - “Understanding the new era of rising sea level” Journalism and Mass Communications, Florida International University, Miami, FL, January 2013
 - “Rising Sea Levels Demystified” Institute of Marine Engineering, Science, and Technology, Stanley Gray lecture series, London, 2009
- Media (Select):
- "A Wake-Up Call for Slow Moving Disaster" Radio interview with Warren Olney, Host of KCRW's *To the Point*, syndicated on NPR, August 2015
 - "Sea Levels Rising" Canadian Broadcasting Corporation Interview on *The Exchange* with Amanda Lang, May 2015
 - 1590 KLIV AM radio interview on *Inside Silicon Valley*, hosted by Russell Hancock April 2015
 - *Cubanarama* Talk Radio Interview to discuss the documentary "South Florida's Rising Seas", March 2015
 - CCTV (China Central Television) Interview for *The Heat* in-depth news interview, April 2014
 - WPBT Public Television: Narrator and co-writer, half hour documentary “*South Florida’s Rising Seas*”, January 2014
 - KQED, NPR radio interview by *Craig Miller’s Science Program*, San Francisco, December 2013
 - Interviewed by Jorge Ramos on Fusion (ABC & Univision) *America with Jorge Ramos* November 2013

- *STOSSEL*, interview, Fox Business Channel, July 2013
- KPBS - NPR Public Radio, Interview, by Megan Burke, San Diego April 2013
Morning Joe Interview by Joe Scarborough, MSNBC, April 2013
- *Vital Voices of the Environment* Series, online video with Rebecca Rubin, Marstel-Day, April 2013
- *Climate One* Panel and televised broadcast. Commonwealth Club, San Francisco, March 2013
- Sky News TV (London based) Live interview, aftermath of Hurricane Sandy, November 2012

EDUCATION / CERTIFICATES

Dickinson College, Bachelor of Science (dual majors Geology & Economics), Carlisle, PA

NAUI Certifications: Instructor Trainer; Course Director; Advanced Instructional

Techniques; Educational Testing Design

BASRA Certification - Open Ocean Search and Rescue