

4 August 2022 Draft					
Tuesday, September 13					
8:00 am-5:00 pm	Coastal Zone Foundation Short Courses: 8:00 am - 12:00 pm "Common Mistakes in Design of Coastal & Marine Projects" and 1:00 pm - 5:00 pm "Engineering With Nature®". PDH available. Part of the CCP certification program (Separate fee, not included in conference registration). Room: Shanghai, 3rd Floor				
Wednesday, September 14					
8:00 am-11:00am	8:00 - 11:00 am ASBPA Board of Directors Meeting. Room: Shanghai, 3rd Floor				
11:00 am	Registration Opens, Centennial Foyer, 3rd Floor				
1:00-5:00 pm	Plenary Session, Centennial B, 3rd Floor				
1:00-1:15 pm	Welcome, ASBPA President Gary Jones and Conference Committee				
1:15-1:25 pm	Welcome, Local Representative (invited)				
1:25-1:35 pm	Welcome, Port of Long Beach				
1:35-1:50 pm	Address by Congressman Alan Lowenthal, CA-47				
1:50-2:10 pm	Secretary Wade Crowfoot, California Secretary for Natural Resources (invited)				
2:10-2:30 pm	Colonel Antoinette R. Gant, Commander and Division Engineer, South Pacific Division of the U.S. Army Corps of Engineers (invited)				
2:30-3:00 pm	Networking Break, Centennial Foyer, 3rd Floor				
3:00 -3:30 pm	"Coastal California" - Dr. Gary Griggs				
3:30-3:50 pm	"View from Washington, DC" - Julie Minerva, Carpi & Clay				
3:50-4:10 pm	"Implementing Coastal Resilience in the Infrastructure Bill: Updates on how NOAA (and other agencies) are implementing the Infrastructure Investment & Jobs Act (IIJA)" - Derek Brockbank, Coastal States Organization				
4:10-4:45 pm	TBD				
5:00-5:45 pm	ASBPA Annual Meeting - Student Awards, Board Elections, Member Resources				
6:00-7:30 pm	Opening Reception and Poster Session, Centennial Foyer, 3rd Floor				
7:45-9:00 pm*	Students & New Professionals Chapter Social Mixer, *Time and Location TBD				
Thursday, September 15					
7:30-8:00 am	Continental Breakfast, Centennial Foyer, 3rd Floor				
Concurrent Sessions Located on 3rd Floor					
	<i>Track A - Barcelona</i>	<i>Track B - Tokyo</i>	<i>Track C - Centennial C</i>	<i>Track D - Centennial D</i>	<i>Track E - Melbourne</i>
	Nature-Based Solutions, Estuarine, Marsh, & Wetland Restoration	Coastal Communities & Policy	Improving Shoreline and Coastal Resiliency	Beach Restoration & Management	Coastal Modeling, Mapping, and Analysis Tools
8:00-9:20 am	1A — Gray/Green Shoreline Protection & Enhancement I	1B — Coastal Resources Policy and Economics	1C — Considering impacts of climate change and sea-level rise on our communities: improvements in coastal hazards projections, analysis, and planning tools*	1D — Beach Nourishment	1E — Modeling Response to Climate Change
Moderator			Andrea O'Neill	Kim Garvey	

8:00-8:20 am	Buying Time: Construction of Two Living Shoreline Projects in California	Geological Hazard Abatement Districts: A tale of two beaches	The CoSMoS suite of climate-driven coastal flooding, erosion and groundwater hazard exposure projections for California and beyond	Martin County Four Mile Beach Resilience	Modeling Coastal Sediment Transport in Southeast Virginia under Sea Level Rise
Presenting Author	Sam Blakesley	Philip King	Patrick Barnard	Wendy Laurent	Lauren Sommers
8:20-8:40 am	Marrying Ecological and Performance Enhancements of Atypical Breakwater Designs	Social justice implications of coastal management cost efficiency requirements	Integrating models and satellite-derived shoreline observations for large-scale coastal erosion assessments in California	Quantifying Benefits of Beach Nourishment in Orange County, California	Impact of Climate Change on The Vulnerability of New Jersey Beach-Dune Systems to Hurricane-Induced Wave Erosion
Presenting Author	Margaret Boshek	Dave Anning	Sean Vitousek	Kim Garvey	Mohammad Jamous
8:40-9:00 am	Ecological, Societal and Economic Betterment from Shoreline Protection at Brunswick Town/ Fort Anderson	Redlining and Coastal Access Inequities	The Hazard Exposure and Reporting Analytics (HERA) web application: helping communities estimate changes in exposure to coastal hazards due to sea level rise and storms	Anthropogenic Influences on National Beach Nourishment Activities	An Overview of a Multi-Agency Modeling Effort to Quantify Future Conditions in the Great Lakes
Presenting Author	Phillip Todd	Porsche White	Nathan Wood	Jyothirmayi Palaparthi	Margaret Owensby
9:00-9:20 am	Watson Park Shoreline Erosion Mitigation and Coastal Resiliency Project	Who Owns the Beach in America?	Case study examples of how communities are using USGS hazard data and tools for coastal adaptation planning	Holden Beach Restoration 2022	The Community Flood Resilience Support System (CFRSS) is on Track to Accelerate Adaptation Across the US
Presenting Author	Adam Finkle	James Houston	Maya Hayden	David Hewett	Kees Nederhoff
9:20-9:40 am	Networking Break, Centennial Foyer, 3rd Floor				
9:40-11:00 am	2A — Gray/Green Shoreline Protection & Enhancement II	2B — The Future of Coastal Access-Lessons from Southern California*	2C — Resiliency Applications	2D — Beach Nourishment & Sediment Management Planning	2E — Hydrodynamic Modeling
Moderator		Marc Beyeler			Johnathan Woodruff
9:40-10:00 am	Design, Construction & Monitoring of the West Trail Living Shoreline Project	The BEACON Role in Using New Data	Resiliency Lenses - How our Federal, State, Municipal, and Private Clients Apply Resiliency to their Waterfront Projects	Beach Nourishment and Sediment Management Plan for Hatteras Island Dare County, North Carolina	Development and Validation of a Storm Surge and Wave Model for Guam and the Commonwealth of the Northern Mariana Islands
Presenting Author	Brian Leslie	Nathaniel Merrill	Jacqueline Brower	Haiqing Kaczowski	Michael Salisbury
10:00-10:20 am	Observations and Monitoring of a Novel Living Shoreline-Dune Structure at Cardiff State Beach, CA: Year Three Update	Coastal Access Equity with Rising Seas in California-A Case Study Analysis	Managing Sediment for Survival	Carpinteria Shoreline Management Plan	Deep learning architectures to improve coastal water level predictions
Presenting Author	Maria Winters	Dan Reineman	Syed Khalil	Christopher Webb	Marina Vicens-Miquel

10:20-10:40 am	Coastal Conditions Analysis for Audubon Islands Living Shoreline Projects, Pinellas County, FL	Using New Data and Data Analytics to Better Understand Coastal Access-An Environmental Equity and Justice Perspective	Defining Historical Coastal Resilience at Panama City Beach, FL	Revelations and Frustrations - Lessons Learned from a Sand Retention Feasibility Study, Oceanside, CA	Subgrid Corrections in Ocean-Scale Hurricane Storm Surge Models
Presenting Author	Yashar Rafati	Kiki Patsch	Scott Spurgeon	Aaron Holloway	Johnathan Woodruff
10:40-11:00 am	Wave Attenuation Benefits of Beaches for Enhancing the Performance of Seawalls	Coastal Public Access in Malibu: Using the Best Available Data	Los Angeles County - Proactive Planning for Coastal Resiliency	Estero Regional Inlet Management Study (RIMS) - Approach to Inlet management Planning for a 4 Beach & 3-Inlet connected system	Wave breaking onset and strength in a fully non-linear Boussinesq model
Presenting Author	Erfan Amini	Elena Eger	Warren Ontiveros	Johnny Martin	Maria Fotia
11:00-11:10 am	Room Break				
11:10 am -12:30 pm	3A — Gray/Green Shoreline Protection & Enhancement III	3B — Surfers Point Living Shoreline and Managed Retreat Project: Lessons Learned and Best Practices*	3C — Nature-Based & Biological Resiliency Applications	3D — Modeling & Data Collection for Beach & Dune Restoration	3E — Modeling of Coastal Projects
Moderator	Peter Truax	Marc Beyeler	Luce Bassetti		Marissa Torres
11:10-11:30 am	Marquette, MI Lake Superior Shoreline Restoration	A Review of the Design, Implementation, and Performance of the Surfers Point Managed Retreat Project to Advance Nature-Based Coastal Adaptation Concepts and Realities	Dune Restoration on the South Texas Coast	Development of A Long-Term Sand Management Plan Using Risk-Based Probabilistic Techniques	Numerical Modelling of Human Constructed Dune Configurations for Overtopping and Erosion Mitigation
Presenting Author	Peter Truax	Louis White	Erika Hughston	Cheng-Feng Tsai	Margit Maple
11:30-11:50 am	Living Shoreline Projects in Los Angeles: Coastal Adaptation in Urban Communities	Coastal Resilience and Dune Restoration at Surfers Point Ventura, California: A 10 Yr Review	Capturing Comprehensive Benefits for Nature-Based Solutions	Validation Study of The Probabilistic Beach Fill Simulation (FILSIM) Tool for Beach Nourishments	Numerical Modeling Investigation on Sediment Management Project
Presenting Author	Karina Johnston	Dave Hubbard	Taylor Nordstrom	Anna Wargula	Honghai Li
11:50 am-12:10 pm	Restoration Trajectories at Wetland Creation Sites Utilizing Dredge Material: Case Studies at Poplar Island and Sabine National Wildlife Refuge	The Role of Community Organizations in Coastal Planning, Restoration, and Adaptation	Applicability of Microbially Induced Calcium Carbonate Precipitation (MICP) in Coastal Erosion Mitigation	A Dune Restoration Design Using Numerical Modeling and In-Situ Data. Case Study along the South Shore of Rhode Island	Leveraging FUNWAVE-TVD in the environmental assessment of coastal feature designs
Presenting Author	Abigail Eilar	Paul Jenkin	Jaclynn Turnbaugh	M Reza Hashemi	Marissa Torres
12:10-12:30 pm	Galveston District Beneficial Use Planning	California Coastal Dune Science Network-Scaling our Knowledge Base and Practice	Bio-Utilization and Biomimicry: Innovative Uses of Natural Systems for Coastal Risk Reduction	Development of a nearshore wave dataset from coherent arrays of small-scale drifters	An Australian Reef: Modelling And Design Of An Artificial Shore Platform Connected Multi-Objective Surfing Reef
Presenting Author	Belynda Kinman	Marc Beyeler	Luce Bassetti	EJ Rainville	Troy Bottegal
12:30-2:15 pm	ASBPA Professional and Project Awards Luncheon, Centennial A "Coastal Access and Social Equity: Bruce's Beach" - Bruce's Beach Representative				

	<i>Track A - Barcelona</i>	<i>Track B - Tokyo</i>	<i>Track C - Centennial C</i>	<i>Track D - Centennial D</i>	<i>Track E - Melbourne</i>
2:30-3:50 pm	4A — Marsh & Island Restoration	4B — Poster Lightning Talks	4C — Improving Monitoring and Assessment of Resilience for Dune Habitats in California*	4D — Ecological Effects & Beach Management	4E — Estuarine Modeling
Moderator			Carly Shabo	Patrick Barrineau	
2:30-2:50 pm	Design Considerations for Marsh Creation Project including Tidal Creeks and Tidal ponds	Lightning Talks	Assessing resiliency in dune habitats to inform coastal management	Marine fauna behavior changes in response to beach nourishment	Plantation Island Waterways Pre-Design Study: A Numerical Modeling Approach (Collier County, FL)
Presenting Author	Nicholas McCoy		Jan Walker	Tiffany Roberts Briggs	Christian Rojas-Vazquez
2:50-3:10 pm	Belle Isle Marsh: Assessing the Climate Vulnerability and Potential Adaptation of Boston's Largest Salt Marsh		Use of Contouring as a Tool to Restore Ecological Succession Within a Coastal Dune Ecosystem	The Effects of Recreational Beach Driving on Sea Turtle Nesting Activity and Sediment	Physical Processes at the Mouth of a Bar-Built Estuary
Presenting Author	Conor Ofsthun		Dan Robinette	Chelsea Cameron	Mara Orescanin
3:10-3:30 pm	Maximizing Back-Barrier Island Marsh Habitat through Innovative Solutions		Detecting and assessing performance of "nature-based" foredune restoration projects for building coastal resilience to climate change	Dust, birds, farms, and four-wheelers: a coastal management case study from California	Evaluation of Rivermouth deflection and morphodynamics: An example from the Guyana coast
Presenting Author	Peyton Posey		Ian Walker	Patrick Barrineau	Temitope D Timothy Oyedotun
3:30-3:50 pm	Bay Islands of the New Jersey Coastal Zone		California's Experience with Dunes and Coastal Resilience: A Synthesis of Monitoring for Resilience Themes from the Coastal Dunes for Resilience Workshop	Five-Year Post-Restoration Evaluation of the Santa Monica Beach Restoration Pilot Project	Ship Wake Induced Sedimentation Patterns along Shallow-Bay Navigation Channels in Galveston Bay
Presenting Author	Kimberly McKenna		Carly Shabo	Dane Lazarus	Fangzhou Tong
3:50-4:10 pm	Networking Break, Centennial Foyer, 3rd Floor				
4:10-5:30 pm	5A — Lagoon & Wetland Restoration	5B — Poster Lightning Talks	5C — Adaptation Planning	5D — Beach Management & Policy	5E — Flooding Challenges
Moderator		Tiffany Roberts Briggs			
4:10-4:30 pm	Lower Texas Coast Beneficial Use of Dredge Material Planning	Lightning Talks	Adaptation Planning in the City of Avalon: Assessing Vulnerability and Future Options	Characterizing Sandy Beaches and Growing Dunes in Santa Monica Bay	Multi-Physics Monolithic Simulations of Coastal Compound Flooding
Presenting Author	Harrison McNeil		Jake Thickman	John Dorsey	Gaurav Savant
4:30-4:50 pm	Numerical Modeling Studies of Topanga Lagoon Restoration		Adaptation Planning in South San Mateo County: Habitats, Infrastructure, and Cultural Challenges	Comparison of U.S. and European Practice for Nearshore Sand Placement	Characterizing multivariate coastal flooding events in a semi-arid region: The implications of copula choice, sampling, and infrastructure
Presenting Author	Weixia Jin		David Revell	David Kriebel	Joseph Lucey

4:50-5:10 pm	Tidal Restoration - Five Years in San Elijo Lagoon		Back Bay Adaptive Management Plan, Case Study: Ocean City, New Jersey	BEACON's Science Advisory Committee (SAC): Increasing the Alignment of Actionable Science and Policy	A numerical study of beach surface-subsurface flow interactions and impacts on coastal flooding
Presenting Author	Bryce Corlett		Eric Rosina	Marc Beyeler & Doug George	Marie-Pierre Delisle
5:10-5:30 pm	Southern Los Cerritos Wetlands Restoration: Elevation is not the Issue Here		Florida Department of Transportation District One - Roadmap to Resiliency	SandSnap: Amassing a National Beach Sand Grain Size Database via Crowdsourcing	Compound Urban Coastal Flood Modeling: Integrating Rainfall, High Tide and Urban Infrastructure
Presenting Author	Craig Frampton		Amy Bainbridge	Shannon Stever	Boxiang Tang
6:00-7:00 pm	California Chapter "Snap the Sand" Event, Beachside		Beach Volleyball Tournament, Beachside		
Friday, September 16					
7:30-8:00 am	Continental Breakfast, Centennial Foyer, 3rd Floor				
Concurrent Sessions Located on 3rd Floor					
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8:00-9:20 am	6A — Best Restored Shores Award Winners: Lessons Learned from the Champs*	6B —Coastal Improvement Tax Districts- How to fund needed beach improvements?*	6C — Sea Level Rise Planning & Guidance	6D — Beach Monitoring & Dredging Studies	6E — Coastal Mapping & Analysis Tools I
Moderator	Shannon Cunniff	Dolan Eversole	Brennan Banks	Nicholas Brown	
8:00-8:20 am	2022 Best Restored Shores Award Recipients Present Projects and Lessons Learned	"Pay to Play" How Local Governments on the Outer Banks of North Carolina Are Funding Beach Nourishment	The Engineering Analytics Behind Florida's New Sea Level Rise Impact Projections (SLIP) Tool	Beach and Nearshore Morphology and Sediment Variability Response to Dredge and Placement	Coastal Change along California: New Insights from Remotely Sensed Data
Presenting Author		Bobby Outten	Angela Schedel	Nicholas Brown	Jonathan Warrick
8:20-8:40 am		Applications of Special Taxing Districts and Benefits Based Assessments in Florida	Keeping Up with Sea Level Rise Planning	From planform to equilibrium - monitoring beach profile evolution and sandbar formation post beach nourishment on a highly modified shoreline.	Comparing the Ability to Monitor Morphological Beach Change Using Digital Surface Models Derived from Pleiades Tri-Stereo Imagery Triplets and Planet's SkySat Stereo Imagery Pairs with Two Photogrammetry Softwares
Presenting Author		Thomas Pierro	Nick Garrity	Nicole Zuck	Shannon Brown
8:40-9:00 am		Beach Erosion Control Districts Everything You Always Wanted to Know* * But Were Afraid to Ask.	Practical, Quantitative Sea Level Rise Guidance for Coastal Engineers	Strategic Nearshore Placement of Beneficial Use Dredged Material for Beach Erosion Mitigation	Evaluation of Morphometrics to Support Coastal Geomorphology Feature Extraction
Presenting Author	Aram Terchunian	Scott Douglass	Brian Harris	Charlene Sylvester	

9:00-9:20 am		Use of Special Financing District to Fund Shoreline Restoration	Reflecting on Louisiana and California Approach to Relative Sea Level Rise	Investigation into Turtle Mitigation Strategies with TSHDs	Coastal Imaging Using Commercially Available Trail Cameras
<i>Presenting Author</i>		Curt De Crinis	Victoria Curto	Kelsey Lank	Sean McGill
9:20-9:40 am	Networking Break, Centennial Foyer, 3rd Floor				
9:40-11:00 am	7A — Nature-based Coastal Resilience in Tropical Island Environments of the U.S.*	7B — Nature Based Solutions and Sediment Transport	7C — Tidal Inlets, Channels, and Ports	7D— Adapting to Changing Coastal Forces	7E — Coastal Mapping & Analysis Tools II
<i>Moderator</i>	Bret Webb			Russell Boudreau	
9:40-10:00 am	Towards Adaptation Through Planning: An Evaluation of Coastal Adaptation Planning in U.S. Island Jurisdictions	Student Educational Award Winner	Hydrodynamic modeling of estuarine shoreline protection alternatives near a tidal inlet	Assessing the performance of dune fragility curves for use in forecasting dune erosion	Rhode Island Coastal Hazard, Analysis, Modeling, and Prediction system (RI-CHAMP)
<i>Presenting Author</i>	Roberto Porro	Award Winner	Liliana Velasquez Montoya	Matthew Janssen	Kyle McElroy
10:00-10:20 am	Evaluating Nature-based Shoreline Stabilization in Saipan Lagoon, Northern Mariana Islands	Natural Shoreline Infrastructure for Coastal Adaptation at Stinson Beach, Marin County, CA, USA	Hole in the Wall Shallow Draft Channel Dredging and Beneficial Use Sand Placement	Little Diomed Island, Alaska - Maintaining Critical Coastal Transportation Infrastructure in a Changing Climate	Geospatial Resilient Economic Development (GeoRED): Geographic Information System for the Coastal Bend
<i>Presenting Author</i>	Robert Walker	James Jackson	Donna Milligan	Russell Boudreau	Rhiannon Bezore
10:20-10:40 am	Lions Park Living Shoreline Project, Pala Lagoon, American Samoa	Predicting Near-Bed Sediment Transport Through Particle Image Velocimetry	Simulation of Long-Term and Regional Shoreline Evolution around Coastal Inlets for Evaluation of Structural and Non-Structural Shoreline Protection Measures	Waikiki Beach: Climate Adaptation Design Considerations for an Urban Beach	Predicting Future Cliff Positions in a Multi-Stratified Coastal Cliff
<i>Presenting Author</i>	Taylor Caster	Caroline Hoch	Yan Ding	Dolan Eversole	Cheryl Hapke
10:40-11:00 am	Preserving Caribbean Beaches: Coastal Adaptation Options for the U.S. Virgin Islands		Can a Rising Tide Lift All Boats: A Port Perspective on Adapting to a Changing Climate		Projected Storm Erosion Potential for Historical Storms Along the New Jersey Coast Considering IPCC's Sea Level Rise Scenarios
<i>Presenting Author</i>	Gregory Guannel		Aaron McGregor		Audrey Fanning
11:00-11:10 am	Room Break				
11:10 am -12:30 pm	8A — Regional Sediment Management	8B — Surfing Considerations and Projects	8C — Sustainable Development through Environmental Education*	8D — Erosion Response	8E— Flood Modeling & Mapping
<i>Moderator</i>					
11:10-11:30 am	Developing Regional Sediment Management Strategies along the Tx Coast through the USACE Planning Assistance to the States (PAS) Program	The Application of Surf Science and Coastal Oceanography to Develop Win-Win Scenarios for Sustainable Development and Management of Marine Resources	The Blue Flag Galveston Survey Paper Results	Bears, Belugas, and Berms: Designing coastal erosion control in Alaska's most ecologically productive environment	Updated Annual Coastal Flooding Elevation in Northern Pacific Region of USA
<i>Presenting Author</i>	Reuben Trevino	Shaw Mead	Kimberly Danesi	KC Kent	Kaveh Zomorodi

11:30-11:50 am	Evaluating Atlantic Coast Sediment as Resource for Gulf Coast Erosion - A Regional Sediment Management Feasibility Study	Applicability of management guidelines for surfing resources in California	Lessons Learned from Coastal Environmental Education Activities	Uncommon Solutions to an Increasingly Common Problem; Modular Seawall vs Sheet Pile Wall Proposals	Coastal Flooding Under Existing and Future Conditions: Verification of the Technical Methods Manual
Presenting Author	William Warren	Edward Atkin	Elizabeth Schneider	Brandon Hill	Louis White
11:50 am-12:10 pm	Advancing Navigation Dredging and Innovative Placements to Support Coastal System Resilience in USACE's Philadelphia District	Improving Coastal Resiliency in the Santa Cruz World Surfing Reserve: protecting and enhancing surf ecosystems into the future	Blue Flag Water Quality Criteria	MACZM Resilience Grant Provides Valuable Opportunity for Managed Shoreline Retreat at South Beach and Norton Point, Edgartown, MA	Calibration and Validation of the Coastal Storm Modeling System (CSTORM-MS) for the Louisiana Coast
Presenting Author	Monica Chasten	Nik Strong- Cevitch	Porsche White	Tara Marden	Fatima Bukhari
12:10-12:30 pm		Improving Surf Quality on a Beach Break: How a Beach Nourishment Program Accidentally Created one of the Best and Most Consistent Surf Spots in South Florida	Integrating Interns into Your Workforce		Coastal Modeling with Considerations for Compound Flooding Events for Three Flood Risk Management Projects in Coastal Texas
Presenting Author		Lindino Benedet	Steve Mercer		Chris Massey
12:30 pm	Conference Adjourns				
12:30-1:00pm	Field Trip Attendees Boxed Lunch, Centennial Foyer, 3rd Floor				
1:00-5:00 pm	SoCal Cruisin' on the PCH Field Trip (Separate fee, not included in conference registration)				
Schedule Notes:	*Dedicated Session Red Font indicates Virtual Presentations Program in Draft Form and Subject to Change				