



Technical Program Schedule

Subject to change. For most up-to-date schedule, please go to www.eventscribe.com/2018/ASCE-36ICCE



| | Grand Ballroom I & II | Grand Ballroom III & IV | Grand Ballroom VII & VIII | Grand Ballroom IX & X | Dover | Essex |
|----------------------------|---|---|---|---|---|--|
| Monday, July 30 | | | | | | |
| 10:40 AM - 12:20 PM | Coastal Wave Modeling | Hurricane Harvey And Storm Surge | Beach Profile Evolution | Wave Overtopping Experiment | Sea Level Rise Adaptation | Breaking Waves And Turbulence |
| <i>Moderator</i> | Ian Young | Taro Arikawa | Christopher Creed | Peter Troch | Ronald Noble | Yasunori Watanabe |
| 10:40 - 11:00 AM | 1388: Coastal Bathymetry From Satellite And Its Use On Coastal Modelling | 2001: Hurricane Water Level Prediction Using Surrogate Modeling | 1191: Observations Of Sediment Particle Movements Under Accretive Wave Conditions | 1230: The Influence Of A Crown Wall On Wave Overtopping Over Rubble Mound Structures | 1090: The Economics Of Sea-Level Rise: Forecasting Flood Damage Cost | 1155: Numerical Investigation Of Plunging Breakers Over A Porous Artificial Surf Reef |
| <i>Presenting Author</i> | Rodolfo Bolanos | Jeffrey Melby | Takayuki Suzuki | Koen Van Doorslaer | Angela Schedel | Kasper Kaergaard |
| 11:00 - 11:20 AM | 1461: Coastal Wave Modeling For Jetty Rehabilitation At Coos Bay, Oregon | 2003: Coastrr: Coastal Storm Rapid Response Measurements Of Hurricane Harvey Impact And Recovery On Two Texas Barrier Islands | 1203: Influence Of Wave Transformation Processes On Evolution Of Underwater Beach Profile | 1370: The "Crossover" Project: Wave Overtopping Under Directionally Bimodal Wave Attack | 1219: Port Adaptation To Sea Level Rise: Lessons From Present Examples Of Land Subsidence | 1193: Numerical Study Of Wave Interaction With A Submerged Porous Breakwater In Combination With A Floating Breakwater |
| <i>Presenting Author</i> | Lihwa Lin | Jens Figlus | Yana Saprykina | Tom Bruce | Miguel Esteban | Arun Kamath |
| 11:20 - 11:40 AM | 1579: Real-Time Assimilation Using A Dense Array Of Directional Wave Observations | 2008: USACE Preparation And Response To 2017 Hurricanes Harvey, Irma, And Maria | 1389: Quantification Of Parameter And Calibration Uncertainty In Morphological Modelling | 1520: Laboratory Experiments Of Wave Overtopping Of Revetment Structures In Reef Environments | 1432: Rapid Coastal Adaptation Assessment At City Of Annapolis | 1207: Sph Modeling Of Surf Zone Heating By Energy Dissipation Of Breaking Waves |
| <i>Presenting Author</i> | Pieter Smit | Mary Cialone | Anna Kroon | Kristen Splinter | Don Bain | Zhangping Wei |
| 11:40 AM - 12:00 PM | 1742: Modelling For Analysis Of Refraction Effects On Overtopping In A Complex Estuary | 2012: Hurricane Harvey Coastal Effects In Texas | 1604: Seasonal Beach Variability On A Sea-Breeze Dominated Beach | 1541: 2D Overtopping And Impact Experiments In Shallow Foreshore Conditions | 1435: Protecting The San Francisco International Airport From Sea Level Rise | 1305: Laboratory Observations Of Dissolved Carbon Dioxide Transport Under Regular Breaking Waves |
| <i>Presenting Author</i> | Patrick Oosterlo | Andrew Kennedy | Gabriela Medellin | Vincent Gruwez | Anna Johnson | Junichi Otsuka |
| 12:00 PM - 12:20 PM | 1768: Validation Of Unstructured Wavewatch Iii For Nearshore Waves | 1697: Coupled Tides, Storm Surge And Waves Under Varying Ice Coverages Along Alaska's Bering And Chukchi Coasts | 1706: Numerical Simulations Of Ridge Accretion And Onshore Migration Based On Field Data From A Steep Meso-Tidal Engineered Beach | | 1567: Adaptation Assessment To Future Beach Loss Due To Sea Level Rise In Thailand | 1712: Turbulent Flow Induced By Oscillatory Circular Cylinder Arrays |
| <i>Presenting Author</i> | Jane Smith | Joannes Westerink | Youn Kyung Song | | Chatuphorn Somphong | Takaaki Shigematsu |
| 1:40 - 3:20 PM | Wind Wave Prediction | Hurricane Irma | Dune Erosion And Evolution | Wave Overtopping Flow Analysis | Sea Level Rise And Storm Variation | Breaking Wave Modeling |
| <i>Moderator</i> | Jane Smith | Mary Cialone | All Farhadzadeh | Barbara Zanuttigh | Roshanka Ranasinghe | Inigo Losada |
| 1:40 - 2:00 PM | 1116: A Consistent Description Of The Spatial Distribution Of Wind Generated Waves Within Hurricanes | 2004: Post-Hurricane Coastal Mapping And Change Analysis: National Coastal Mapping Program | 1031: Long-Term Dune Evolution Under Interacting Cross-Shore And Longshore Processes | 1063: A New Fully-Automatic Procedure For The Identification And The Coupling Of The Overtopping Waves | 1735: Assessment Of The Evolution Of Storm Surge In Coastal Louisiana | 1087: Numerical Investigation Of Breaking Irregular Waves Over A Submerged Bar With Cfd |
| <i>Presenting Author</i> | Ian Young | Eve Eisemann | Caroline Fredriksson | Sara Mizar Formentin | Christopher Sverdr | Ankit Aggarwal |
| 2:00 - 2:20 PM | 1293: Numerical Simulation Of Cyclone Nargis (2008) And Its Related Wave Field At Myanmar Coast By Using Wrf-Swan Model | 2005: Consideration Of Storm Surge Caused By Hurricane Irma Based On Stoc-Wrf Coupling Model | 1039: Predicting Dune Erosion With Combined Process-Based And Multivariate Statistical Models | 1229: Development Of Wave Overtopping Model Incorporating Water Overflow For Vertical Walls | 1337: Geocentric Mean Sea Level Fields At The German North Sea And Baltic Coast | 1164: Validation Of A Buoyancy-Modified Turbulence Model By Numerical Simulations Of Breaking Waves Over A Fixed Bar |
| <i>Presenting Author</i> | Thit Oo Kyaw | Taro Arikawa | Thomas Wahl | Yoji Tanaka | Jessica Kelln | Brecht Devolder |
| 2:20 - 2:40 PM | 1323: Future Wave Projection During The Typhoon And Winter Storm Season | 2007: Lessons Learned From Rapid Deployment Of Wave Gages And Cameras During Hurricane Irma | 1085: Model For Predicting Formation Of Blowout On Coastal Sand Dune Using Cellular Automaton Method | 1236: Average And Wave-By-Wave Overtopping Performance Of Steep Low-Crested Structures | 1551: Future Climate Experiments On Intensity And Storm Surge Of Typhoon Sanba (2012) | 1394: Hydrodynamics Under Large-Scale Regular And Bichromatic Breaking Waves |
| <i>Presenting Author</i> | Shinsaku Nishizaki | Navid Jafari | Takuya Yokota | David Gallach-Sanchez | Masaya Toyoda | Dominic Van Der A |
| 2:40 - 3:00 PM | 1535: Misalignment And Lag Time Of Wind And Wave Occurrence Based On 10 Years Measurements In The North Sea Near The German Coast | 2009: Hurricane Irma's Morphologic Response On Beaches And Tidal Inlets In Southwest Florida, Usa | 1243: Wave Impact And Dune Erosion During Hurricane Matthew | 1282: Experimental Study Of The Flow Induced By Waves In The Vicinity Of A Detached Low-Crested (Zero Freeboard) Breakwater | 1658: Impact Assessment Of Climate Change On Coastal Hazards Due To Winter Cyclone Around Japan Using Large Ensemble Database | 1395: A New Hybrid Approach In The Calibration Of A Boussinesq-Type Wave Breaking Model |
| <i>Presenting Author</i> | Arndt Hildebrandt | Mohamed Dabees | Britt Raubenheimer | Konstantina Galani | Junichi Ninomiya | Joaquin Moris |
| 3:00 - 3:20 PM | 1572: Simulation Of Sea Storms Including Multivariate Storm Evolution | 2010: Resilience Of Sandy, Engineered, And Mangrove Shorelines In Key West, Fl During Hurricane Irma | 1469: Process Based Numerical Modeling And Laboratory Experiments On The Morphological Change Of Coastal Sand Dune | 1453: Wave Overwash On A Rock Platform: Remote Sensing And Pressure Sensor Observations | 1117: Estimating Global Sea Level Variations And Resulting Inundation Exposure | 1591: Numerical Modelling Of Hydrodynamics For Spilling And Plunging Breakers In Shallow Waters |
| <i>Presenting Author</i> | Sebastián Solari | Tori Tomiczek | Sungwon Shin | Hannah Power | Ebru Demirci | Mayilvahanan Alagan Chella |
| 3:50 - 5:30 PM | Wind Waves And Swell | Hurricane Maria And Storm Surge | Berm, Dune And Bluff Erosion | Tsunami Over Composite Breakwater | Future Shoreline Changes | Wave Boundary Layer |
| <i>Moderator</i> | Katsuya Hirayama | Joannes Westerink | Hitoshi Tanaka | Young Kim | Peter Ruggiero | Enrico Foti |
| 3:50 - 4:10 PM | 1120: A Hybrid Method To Combine Wave Penetration And Local Wave Growth In Large Harbors | 2002: A Multi-Model Approach To Simulate The Storm Surge At Puerto Rico Due To Hurricanes Irma And Maria | 1409: Numerical Simulation Of Berm And Dune Erosion Due To Wave Overtopping And Sediment Overwash Using Openfoam | 1035: Effect Of Overflow Nappe Non-Aeration On Tsunami Breakwater Failure | 1007: Shoreline Response To Future Sea Level Rise | 1215: Interactions Of Waves With Idealized High-Relief Bottom Roughness |
| <i>Presenting Author</i> | Gerbrant Van Vledder | David Kelly | Nikolaos Karagiannis | Jeremy Bricker | James Houston | Xiao Yu |

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| 4:10 - 4:30 PM | 1139: Extratropical Storm Generated Swell Induced Vulnerability Effect On A Tropical Island | 2011: Numerical modeling of short and long term waves and surges in US Virgin islands | 1418: Predicting The Reshaping Of Temporarily Exposed Bunds With Xbeach-G | 1093: Stability Estimation Method For Armor Units For Breakwaters With Parapets Against Tsunami Overflow | 1140: Prediction Of Shoreline Changes For Different Coastal Configurations Using Future Climate Projections | 1294: Shear Stress Measurements At The Sea Bottom By Means Of Ferrofluids |
| Presenting Author | Yaprak Onat | Takenori Shimozono | Merel Kroeders | Jun Mitsui | M C Deo | Rosaria Ester Musumeci |
| 4:30 - 4:50 PM | 1366: A Predictive Fuzzy Logic Model To Bimodal Wave Partitioning In Welsh Coastline | 2013: Hurricanes Irma/Maria In The USVI | 1185: The Relative Contribution Of Sea Level Rise And Storm Erosion To Long Term Net Coastline Regression | 1201: Tsunami-Seabed-Structure Interaction From Geotechnical And Hydrodynamic Perspectives: Role Of Overflow/Seepage Coupling | 1175: Adaptation To A Changing Climate In The Coastal Zone – A Case Study Of Prime Hook National Wildlife Refuge | 1351: Run-Up, Boundary Layers And Shear Stresses Beneath Shoaling Tsunamis |
| Presenting Author | Stephen Orimoloye | Daniel Cox | Roshanka Ranasinghe | Shinji Sassa | Jeffrey Tabar | Bjarke Eldart Larsen |
| 4:50 - 5:10 PM | 1476: Highly Resolved Directional Properties Of Wind Waves And Swell With Various Scales | 1101: Characterization Of Spatial Variation In Hurricane Surge | 1554: A Model To Simulate Beach Profile Evolution Induced By Storms | 1381: Study On Estimation Of Scouring Behind The Breakwater | 1265: Management Plan For Climate Resilience Of Coastal Areas In Togo | 1393: Numerical Modeling Of A Turbulent Bottom Boundary Layer Under Solitary Waves On A Smooth Surface |
| Presenting Author | Noriaki Hashimoto | Jennifer Irish | Jie Zhang | Kohei Suzuki | Aurelie Le Dissez | Ahmad Sana |
| 5:10 - 5:30 PM | 1583: New Wave Hindcast For The Rio De La Plata Estuary | 1667: Incorporating Three-Dimensional Baroclinic Processes For Accurate Depth-Integrated Coastal Circulation Modelling | 1668: Recession Of Predominantly Sandy Bluffs | 1711: Accurate Prediction Of Tsunami Force For Effective Design Of Breakwater | 1350: Climate Change Key-Challenges In Coastal Engineering | 1500: Turbulent Oscillatory Flow Over Ripples At High Reynolds Numbers For Peta-Scale Simulations |
| Presenting Author | Rodrigo Alonso | William Pringle | Mahsa Ghazian Arabi | Naoki Tsuruta | Iñigo Losada | Athanasios Dimas |

| | Grand Ballroom I & II | Grand Ballroom III & IV | Grand Ballroom VII & VIII | Grand Ballroom IX & X | Dover | Essex |
|-------------------------|---|--|--|---|---|---|
| Tuesday, July 31 | | | | | | |
| 8:10 - 9:50 AM | Wave Measurements | Tsunami Impact On Buildings | Foreshore Sand Transport | Rubble Mound Breakwaters | Community Vulnerability Assessment | Sand And Mud Properties |
| Moderator | Billy Edge | Tori Tomiczek | Takayuki Suzuki | Leopoldo Franco | Joan Pope | Shinji Sassa |
| 8:10 - 8:30 AM | 1070: A Simple And Accurate Nonlinear Method For Recovering The Surface Wave Elevation From Pressure Measurements | 1033: Probabilistic Investigation Of Debris Impact Velocities During Extreme Flooding Events | 1152: Large Scale Tests On Foreshore Evolution During Storm Sequences And The Performance Of A Nearly Vertical Structure | 1261: Unmanned Aerial System Lidar Survey Of Two Breakwaters In The Hawaiian Islands | 1160: Resilient Communities: A Vulnerability Assessment Is Only Step One | 1161: The Effect Of Shear Strength And Moisture Content On The Fluid Velocity Threshold Of Wind Erosion |
| Presenting Author | Philippe Bonneton | Jacob Stolle | Rosaria Ester Musumeci | Jessica Podoski | Lesley Ewing | Luis Zambrano-Cruzatty |
| 8:30 - 8:50 AM | 1098: Reliability Of Pressure Sensors To Measure Wave Height In The Shoaling Region | 1176: Experimental Modeling Of Tsunami Bore Impingement On A Simplified Coastal Building | 1173: Wave Overtopping With A Changing Steep Sandy Foreshore, Conventional And Numerical Analysis Of Results | 1365: A New Approach To Nearshore Breakwaters: A Case Study For Undulating Crests | 1632: Integrated Modelling To Predict Landscape Evolution, Flooding, And Water Quality In Jamaica Bay, Ny | 1172: Cross-Shore Variations In Sediment Strength At A Sandy Beach |
| Presenting Author | Massimiliano Marino | James Kaihatu | Jentsje Van Der Meer | Taylor Nordstrom | Heather Smith | Nina Stark |
| 8:50 - 9:10 AM | 1543: Reconstruction Of The Nearshore Surface Wave Field Via Assimilation Of Remote Sensing Data | 1259: Experimental Study On Transport Characteristics Of Coastal Boulders By Tsunami And High Waves | 1255: Comparison Of Sill And Revetment In Reducing Shore Erosion And Wave Overtopping | 1524: Design And Physical Model Studies Of Innovative Living Breakwaters | 1637: Coastal Resiliency: Multi-Tier Protection System & Risk Management Strategy | 1296: Revisiting The Role Of Aggregation In The Settling Of Cohesive Flocs In The Marine Environment |
| Presenting Author | Alexandra Simpson | Satoshi Kiso | Z. Tugce Yuksel | Scott Baker | Robert Sloop | Ashish Mehta |
| 9:10 - 9:30 AM | 1575: Beach Morphological Response To Storm Waves Using Laser Bathymetric Mapping In A Wave Basin | 1329: Simulation Of Tsunami Force In The Presence Of Beachside Structures | 1312: Beachface Evolution Under Two Swash Events By Two Solitary Waves | 1664: Investigating Low-Crested Breakwater Performance For The Design Of The New Orleans Municipal Yacht Harbor | 1648: Replacing NAVD88: The Effects Of Vertical Datum Modernization On Coastal Engineering | 1310: Sediment Dynamics Behavior And Beach Profile Types Based On Sediment Properties |
| Presenting Author | Ramy Marmoush | Tomoaki Nakamura | Fangfang Zhu | Kevin Hanegan | Nicole Kinsman | Gozo Tsujimoto |
| 9:30 - 9:50 AM | 1621: Finding Bichromatic-Bidirectional Waves With Adv | 1561: Tsunami-Induced Hydrodynamics And Scour Around Structures | 1699: Test Of Empirical Sediment Transport Relations Against Experimental Swash Data Under The Non-Capacity Modeling Framework | 1731: Hurricane Marie And The Port Of Long Beach, California, USA | 1715: Applications Of A Sediment Cell Hierarchy And Landforms To Coastal Erosion Management And Modelling | 1704: Long-Term Subsidence Of Beach Nourishment And Dune Restoration In Caminada Headlands, Coastal Louisiana |
| Presenting Author | Mario de Souza e Silva | Ravindra Jayaratne | Peng Hu | Chuck Mesa | Tanya Stul | Brian Harris |
| 10:20 AM - 12:00 PM | Nearshore Wave Transformation | Tsunami Debris And Risk | Aeolian Sand Transport | Revetment And Seawall | Coastal Flood Risk | Sediment Transport Mechanics |
| Moderator | Fengyan Shi | Tom Baldock | Jon Miller | Jentsje van der Meer | David Basco | Ashish Mehta |
| 10:20 - 10:40 AM | 1112: Modelling Wave Interference Patterns Using The Swan Model | 1143: Tsunami Casualty Estimation Considering Intended Evacuation Behavior Of Local Residents And Visitors | 1092: Mega-Nourishments And Aeolian Developments: Lessons Learned Six Years Into The Sandmotor Pilot Project | 1030: Wave Impacts At Small And Real Scale For The Stepped Sloped Seawall Design At Den Oever | 1361: Risk Assessment Of Aggregate Loss By Storm Surge Inundation In Ise And Mikawa Bay | |
| Presenting Author | Gal Akrish | Tomoyuki Takabatake | Kathelijne Wijnberg | Gosse Jan Steendam | Shota Hirai | |
| 10:40 - 11:00 AM | 1556: On Spectrum Calibration For Nearshore Wave Transformation | 1188: Coastal Flooding-Induced Debris Motion | 1522: Aeolian Sediment Transport At A Man-Made Dune System; Building With Nature At The Hondsbossche Dunes | 1392: Wave Overtopping Prediction Of Stepped Revetments | 1425: Coastal Storm Induced Erosion Predictions For Fema's Fis Coastal Hazard Risk Mapping | 1216: Modeling Sheet Flow Under Breaking Waves On A Surf Zone Sandbar |
| Presenting Author | Zhong Peng | Ioan Nistor | Marloes Wittebrood | Talia Schoonees | Christina Lindemer | Yeulwoo Kim |
| 11:00 - 11:20 AM | 1568: Reef3d::Nsewave, A Three-Dimensional Non-Hydrostatic Wave Model On A Fixed Grid | 1206: Empirical And Numerical Modal Analysis Of Coastal Areas Prone To Tsunami Risk | 1627: Post-Storm Dune Recovery In Cape Lookout National Seashore, Nc | 1647: Design, Engineering And Construction Of A Wave Wall For Northwestern University | 1542: Advances And Issues In Uncertainty Quantification For Coastal Flood Hazards | 1284: Large-Eddy Simulation Of Oscillatory Flow, Sediment Transport And Morphodynamics Over Ripples |
| Presenting Author | Hans Bihs | Giorgio Bellotti | Paige Hovenga | Alejandra Lira-Pantoja | Taylor Asher | Georgios Leftheriotis |

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| 11:20 - 11:40 AM | 1761: A Model For Transformation Of Fully Dispersive Nonlinear Waves | 1702: Debris And Vessel Transport Due To Tsunami Currents In Ports And Harbors | 1753: How Tides And Waves Enhance Aeolian Sediment Transport At The Sand Motor Mega Nourishment | 1721: Reconstruction Of Seawall Abutting A Heavily Traveled Coastal Highway Without Suspension Of Traffic With Pressed-In Pipe Pile Walls | 1582: Time-Varying Emulator For Short- And Long-Term Analysis Of Coastal Flooding (Tesla-Flood) | 1302: Modeling Coarse Sand Transport Under Skewed Oscillatory Flow Using A Cf-Dem Approach |
| Presenting Author | Samira Ardani | Aykut Ayca | Bas Hoonhout | Takefumi Takuma | Dylan Anderson | Yashar Rafati |
| 11:40 AM - 12:00 PM | 1775: Interactive And Immersive Coastal Hydrodynamic Simulation | 1710: Sensitivity Of Tsunami Numerical Modeling For A Cascadia Subduction Zone Earthquake | 1764: Wind Tunnel Tests Of How Coastal Plants Feedback On Dune Shape | 1772: Orphan Breakwaters: Collapse And Transmission Reduction | 1722: Risk Analysis For Coastal Flooding Under Climate Change | 1379: Turbulence-Resolving Numerical Simulation Of Fine Sediment Transport Over Bedforms |
| Presenting Author | Patrick Lynett | Younes Nouri | Bianca Charbonneau | William Allsop | Daiki Tsujio | Liangyi Yue |
| 1:20 - 3:00 PM | Nearshore Wave Propagation | Tsunami Hazard Assessment | Beachfill Placement | Rock Armor Stability | Flood Risk Reduction | Sand Ripples And Bedforms |
| Moderator | Theophanis Karambas | Ioan Nistor | William Lillycrop | Thomas Lykke Andersen | Lesley Ewing | Rosaria Musumeci |
| 1:20 - 1:40 PM | 1016: Undular Bore Development Over A Laboratory Fringing Reef | 1266: Probabilistic Tsunami Hazard Assessments With Consideration Of Uncertain Earthquake Characteristics | 1013: Effect Of Net Cross-Shore Sand Transport On Beach Profiles | 1048: Rock Armor Damage In Depth-Limited Breaking Wave Conditions | 1041: Risk Reduction In Louisiana's Coastal Master Plan: Lake Pontchartrain Barrier | 1119: Geometric Characteristics Of Wave-Generated Sand Ripples: A Full Scale Experimental Study |
| Presenting Author | Marion Tissier | Ignacio Sepulveda | Sravani Mallavarapu | Josep Medina | Mark Leadon | Dongxu Wang |
| 1:40 - 2:00 PM | 1517: Modeling Wave Attenuation Due To Saltmarsh Vegetation Using A Modified Swan Model | 1327: Probabilistic Tsunami Hazard Assessment (PTHA) And PTHA-Based Tsunami Scenario At A Pacific Coast Of Tohoku | 1123: Sediment Transport And Shoreline Response To Nearshore Placement Of Dredged Sediment In Southern Lake Michigan, USA | 1178: Upgrading Breakwaters In Response To Sea Level Rise: Practical Insights From Physical Modelling | 1247: Refined Coastal Modeling And Engineering Analysis For The Wrightsville Beach Coastal Storm Damage Reduction Project | 1165: Form Drag And Equivalent Sand-Grain Roughness For Wave-Generated Sand Ripples |
| Presenting Author | Elizabeth Christie | Naoki Fujii | Brian Mcfall | Ron Cox | Zhanxian Wang | Jing Yuan |
| 2:00 - 2:20 PM | 1532: Fully Nonlinear Modeling Of Nearshore Wave Propagation Including The Effects Of Wave Breaking | 1398: The July 20, 2017 Bodrum/Kos Earthquake And Tsunami: Field Surveys, Lessons And Modeling | 1192: The Effective Method Of Beach Nourishment Placement | 1211: Stability Analysis Of Rubble-Mound Breakwaters Under Tsunami First Impact And Overflow | 1297: The 2019 Texas Coastal Resiliency Master Plan | 1330: Study On Characteristics And Cause Of Sand Waves In The Kanmon Waterway |
| Presenting Author | Christos Papoutsellis | Ahmet Yalciner | Hyun Dong Kim | Íñigo Aniel-Quiroga | 1216: Modeling Sheet Flow Under Breaking Waves On A Surf Zone Sandbar: 1297 | Masaru Yamashiro |
| 2:20 - 2:40 PM | 1540: Observation Of Nearshore Wave-Wave Interaction Using Uav | 1423: New Tsunami Hazard Assessment Of Chañaral, Chile, After The Coastal Morphology Changes Due To The 2015 River Flood | 1353: A Systematic Classification Of The Design Characteristics Of Sand Nourishments | 1232: Effects Of Water Level Variations On The Stability Of Rock Armoured Slopes | 1450: Case Study On Designing Adaptation Measures For Storm Surge Disasters Along Innermost Coast Of Ariake Sea, Japan | 1484: Sand Wave Evolution Model For Efficient Channel Depth Management |
| Presenting Author | Yoshinao Matsuba | Rafael Aranguiz | Rik Gijnsman | Marcel van Gent | Yoshihiko Ide | Nobuyuki Ono |
| 2:40 - 3:00 PM | 1631: Generation Of Extreme Transient Waves In Experimental Models | 1662: Probabilistic Tsunami Hazard Assessment And Damage Estimation Of The Built Environment: Application To The Cascadia Subduction Zone And Seaside, Oregon | 1069: Physical Modelling Of The Response Of Non-Nourished And Nourished Beach Profiles To Storm Surge Or Sea Level Rise | 1549: A Similarity Parameter For Breakwaters: The Modified Iribarren Number | 1675: Challenges And Lessons Learned From Coastal Flood Resilience Planning In Virginia Beach, Virginia, USA | 1766: A Classification Method For The Presence Of Tidal Sand Waves And Maintenance Dredging Design |
| Presenting Author | Huichen Zhang | Daniel Cox | Tom Baldock | Maria Clavero | Brian Batten | Rick de Koning |
| 3:30 - 5:10 PM | Wave Runup | Landslide Wave And Tsunami Eddy | Barrier Island Morphology | Concrete Armor Blocks | Beach Nourishment Projects | Sand Bar Movement |
| Moderator | Peter Nielsen | Stephan Grilli | Julie Rosati | Josep Medina | James Houston | Yoshiaki Kuriyama |
| 3:30 - 3:50 PM | 1113: Numerical Simulation Of Irregular Waves Runup On A Beach | 1054: Submarine Mass Failure: Wave Generation By Granular Slides | 1189: The Impact Of Barrier Island Degradation On Hurricane-Induced Sediment Transport | 1167: Stability Comparison Of 9 Modern Placed Block Revetment Types For Slope Protections | 1159: Monitoring Of Environmental Impacts In Worldwide Beach Nourishment Practice | 1179: Medium-Term Variation Of Bar Movement And Its Linkage To Wave Climate |
| Presenting Author | Luning Sun | Frederic Evers | Ke Liu | Mark Klein Breteler | Franziska Staudt | Dilan Rathnayaka |
| 3:50 - 4:10 PM | 1224: A Unified Runup Formula For Breaking Solitary Waves On A Uniform Beach | 1171: A Two-Layer Non-Hydrostatic Landslide Model For Tsunami Generation On Irregular Bathymetry | 1290: Predicting The Evolution Of Coastal Louisiana's Barrier Islands | 1250: Physical Modelling Of Propeller Scour On An Armoured Slope | 1317: Optimization Of New Beach Nourishment Concept For Landowners With Properties At Acute Risk | 1358: Long-Term Coastal Evolution Modelling Of Longshore Bars |
| Presenting Author | Yun-Ta Wu | Cheng Zhang | Michael Poff | Gabriela Maciel-Jobb | Per Soerensen | Bárbara Marinho |
| 4:10 - 4:30 PM | 1347: Theoretical And Experimental Study Of The Dam-Break Wave Tip Region | 1414: Numerical Modeling Of Tsunami Generated By Submarine And Subaerial Landslides | 1424: Borrow Site Excavation Impacts On Sediment Transport Along The Gulfstream Pipeline, Petit Bois Pass, Alabama | 1377: Overtopping And Stability Of A Rubble Mound Breakwater With Coreloc Armour Under Oblique Cyclonic Waves | 1457: Nc Beach And Inlet Management Plan: An Evaluation Of A Dedicated Beach Nourishment Fund | 1417: Observations Of Horizontal And Vertical Sediment Fluxes On A Sandbar In The Suspended And Sheet Flow Layers |
| Presenting Author | Haijiang Liu | Arturo Jimenez | Sean Kelley | Chiara Favaretto | Katie Finegan | Ryan Mieras |
| 4:30 - 4:50 PM | 1456: Highly-Resolved Numerical And Laboratory Analysis For Nonbreaking Solitary Wave Swash Over A Steep Slope | 1481: Numerical Simulation Of Three-Dimensional Flow Around Harbor Due To Tsunami Using Favor Method And Weno Scheme | 1716: Morphological Modeling Of Low-Dune Headland System Changes Due To Hurricane Forcing | 1448: Caisson Wall Breakeage Of Sloping Top Breakwater Due To Collision Of Large Wave Dissipating Blocks | 1545: Five Key Elements For A Sustainable Beach Nourishment Program | 1506: Long-Term Bar Dynamics Using Satellite Imagery: A Case Study At Anmok Beach, South Korea |
| Presenting Author | Pablo Higuera | Yuki Kajikawa | Cody Johnson | Kojiro Suzuki | Tim Kana | Panagiotis Athanasiou |
| 4:50 - 5:10 PM | 1665: Generation Of Unusually Large Runup Events | 1774: Large-Scale Experiments On Wave-Induced Shallow Turbulent | 1734: Implications Of Consolidation On Barrier Beach Stability | 1758: Hydraulic Stability And Overtopping Performance Of A New Type Of Regular Placed Armor Unit | 1653: Building A National Sand Resource Inventory For The US Continental Shelf | 1563: Characterizing Three-Dimensional Wave-Driven Morphological Diffusivity In The Nearshore |
| Presenting Author | Chuan Li | Nikos Kalligeris | Robert Nicholls | Tamara Eggeling | Jeffrey Waldner | Julia Hopkins |

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| | Grand Ballroom I & II | Grand Ballroom III & IV | Grand Ballroom VII & VIII | Grand Ballroom IX & X | Dover | Essex |
| Wednesday, August 1 | | | | | | |
| 8:10 - 9:50 AM | Wave And Vegetation Interaction | Cyclone Storm Surge | Beach Erosion Control Methods | Wave Pressure On Seawall | Coastal Restoration Projects | Nonlinear Wave Modeling |
| Moderator | Qin Chen | Tomohiro Yasuda | Kyu-Han Kim | Yalcin Yuksel | Robert Nicholls | Andrew Kennedy |

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| 8:10 - 8:30 AM | 1109: Interaction Between Waves And Hanging Highly Flexible Kelp Blades | 1170: Simulations Of Hurricane Matthew Surge And Waves; Comparisons To Measurements | 1135: Eco-System Based Beach Erosion Control By Berm Nourishment Combined With Buried Sand Tube | 1214: Prediction Of Dynamic And Quasi-Static Impacts On Vertical Sea Walls Caused By An Overtopped Water Wedge | 1025: Modelling Rapid Coastal Catch-Up After Defence Removal Along The Soft Cliff Coast Of Happisburgh, Uk | 1391: A Numerical Study Of The Importance Of Nonlinear Effects For Fabry-Perot Resonance Of Water Waves |
| Presenting Author | Long-Huan Zhu | Christopher Bender | Shinji Sato | Maximilian Streicher | Andres Payo | Michel Benoit |
| 8:30 - 8:50 AM | 1122: Large-Scale Physical Modeling Of Coastal Protection Provided By A Model Rhizophora Mangrove Forest | 1260: Modeling The Effect Of Land-Building Projects On Storm Surge And Hurricane Waves In Coastal Louisiana | 1385: Albany Beach Shoreline Stabilization And Beach/Dune Nourishment | 1218: Experimental Study On Tsunami Forces Acting On Vertical Seawalls Under Overflow | 1235: Beach Restoration In The Tarragona Coast (Spain). Sand Management During The Last 25 Years And Future Plans | 1477: A Revisit On The Leading Waveform Due To A Transient Disturbance |
| Presenting Author | Maria Maza | Kelin Hu | Scott Fenical | Yukinobu Oda | Jose Jimenez | I-Chi Chan |
| 8:50 - 9:10 AM | 1272: Vegetation Influenced Hydrodynamics And Sediment Transport | 1335: Projection Of Future Storm Surges Around The Korean Peninsula Based On Large Ensemble Climate Experiments | 1544: Port Everglades Sand Bypassing: An Important Future Sand Source For South Florida | 1262: A Design Method Of The Sea Wall And Water Apron By The Tsunami | 1241: Delaware Bay Mispillion Inlet Environmental Restoration Project | 1492: Statistics Of Extreme Waves In Coastal Waters: Large Scale Experiments and Advanced Numerical Simulations |
| Presenting Author | Sha Lou | Jung-A Yang | Christopher Creed | Hiroyuki Iwase | Peter Kotulak | Jie Zhang |
| 9:10 - 9:30 AM | 1438: Energy Flux Damping Due To Coral Reefs Using Modular Organic-Shaped 3D Printed Elements | 1737: Numerical Simulation Of Tropical Cyclones And Storm Surges In The Arabian Sea | 1566: Dynamic Nourishment And Multi-Purpose Artificial Reefs As A Beach Erosion Countermeasure | 1316: A Method For Evaluating The Maximum Tsunami Loadings On Seawalls | 1339: Protection And Improvement Of The Barrier Beach Of Frontignan | 1510: A Nonlinear And Dispersive 3d Model For Coastal Waves Using Radial Basis Functions |
| Presenting Author | Edgar Mendoza | Tomoya Shibayama | Kyu-Tae Shim | Takuya Toriyama | Coutos Marie | Marissa Yates |
| 9:30 - 9:50 AM | 1449: Wave-Induced Mean Currents In Aquatic Canopies | 1747: Combined Effect of Storm Surge and Overland Flow on Flooding in a Coastal Urban Area | 1641: A Scale Model Sediment Bypassing And Back-Passing System On Galveston Island, Texas Innovative Technology For Regional Sediment Management | 1326: Numerical And Hydraulic Experiments On Bore Pressure Due To Tsunami | 1525: Post Hurricane Sandy Environmental Restoration And Resiliency Projects Along Delaware Bay | 1546: Tsunami Phase Speed Reduction Due To Water Compressibility |
| Presenting Author | Arnold Van Rooijen | Navid Tahvildari | Cris Weber | Tatsuto Kimura | Gwen Lawrence | Ali Abdolali |
| 10:20 AM - 12:00 PM | Wave And Vegetation Modeling | Storm Surge And Tide | Local Sediment Scouring And Filling | Tsunami Impact On Wall | Shore Protection Structures | Numerical Modeling Of Structures |
| Moderator | James Kirby | Christopher Bender | Tomoaki Nakamura | Kojiro Suzuki | William Allsop | Riccardo Briganti |
| 10:20 - 10:40 AM | 1180: Harmonics Generation By Coastal Forests | 1131: Modelling The Effects Of A Tidal Lagoon On The Morphology Of Swansea Bay, Wales, UK | 1019: Scour Mechanism Induced By Propeller Flow Near A Quay Wall | 1079: Multiple Impacts Of Debris On A Vertical Obstacle | 1396: Development Of Fragility Curves For Reinforced Dunes | 1077: Reduction Of The Wave Overtopping Discharge At Dikes With Crown Walls And Bull Noses |
| Presenting Author | Che-Wei Chang | Jose Horrillo-Caraballo | Yalcin Yuksel | Nils Goseberg | Brian Maggi | Barbara Zanuttigh |
| 10:40 - 11:00 AM | 1286: Optimizing Nature-Based Features For Wave Dissipation And Land-Water Connectivity | 1174: The Dynamics Of Storm Surge And Mean Sea Level Variability In The Northeastern Caspian Sea | 1375: Two-Phase Flow Simulations Of Scour Around Vertical And Horizontal Cylinders | 1226: Responses Of Concrete Vertical Walls To Tsunami Wave Pressures And Debris Impact | 1428: Coastal Hydrodynamic Modeling To Support The Reconstruction Of Breakwaters At Cap-Des-Rosiers | 1145: Numerical Modeling Of Wave Interaction With A Non-Conventional Breakwater For Wave Energy Conversion |
| Presenting Author | Maura Boswell | Xiufeng Yang | Tim Nagel | Naoto Kihara | Mathieu Roy | Enrico Di Lauro |
| 11:00 - 11:20 AM | 1451: Recent Advances In Modeling Wave Attenuation By Vegetation | 1528: Development And Validation Of A Storm Surge And Wave Model For Lake Huron (Great Lakes, USA) | 1387: 3d Hydrodynamic Modeling To Characterise The Behaviour Of The Disposal Of Dredged Material Using A Vertical Tremie Pipe | 1355: Impact Force Of Flood-Borne Vehicles | 1629: Living Breakwaters: Designing For Resiliency | 1200: Wave Loading For Recurred Parapet Walls In Non-Breaking Wave Conditions: Analysis Of The Induced Impulsive Forces. |
| Presenting Author | Qin Chen | Michael Salisbury | Siviwe Mabija | Hideki Kaida | Paul Tschirky | Myrta Castellino |
| 11:20 - 11:40 AM | 1550: Modeling Effects Of Vegetation On Setup And Runup Of Random Waves | 1595: Sensitivity Of Occurrence Frequency Of Storm Tide Elevation To Random Tidal Phases In Macro-Tidal Area | 1547: Numerical Investigation Of Bore Hole Filling Volume In A Coastal Area | 1413: Hybrid Simulation Of Coastal Loading On Structures | 1638: Living Shoreline Design Using Numerical And Physical Models To Create A Public Park In Euclid, Ohio | 1489: Vertical Sea Wall Crest Modifications For Overtopping |
| Presenting Author | Ling Zhu | Aaron Chen | Feddy Adong | Dilshan Sithira Priyadarshana Amarasinghe Baragamage | Margaret Boshek | Dogan Kısacık |
| 11:40 AM - 12:00 PM | 1709: Validation Of Integrated Coastal Process Model For Simulating Wave-Current-Vegetation Interaction | 1671: Probabilistic Evaluation Of Storm Surges In Suruga Bay Employing Stochastic Typhoon Model | 1585: Scour Protection Around A Single Slender Pile Exposed To Waves | 1514: Verification Of Impulsive Wave Pressure Due To Solitary Waves Based On Two-Phase Flow Simulator | | 1730: Three-Dimensional Fluid Structure Analysis On Seawall Failure Induced By 2011 Great Tohoku Earthquake Tsunami |
| Presenting Author | Yan Ding | Tomohiro Yasuda | Sara Corvaro | Kazuhiro Fujiwara | | Koji Kawasaki |

| | Grand Ballroom I & II | Grand Ballroom III & IV | Grand Ballroom VII & VIII | Grand Ballroom IX & X | Dover | Essex |
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| Thursday, August 2 | | | | | | |
| 8:10 - 9:50 AM | Wave And Structure Interaction | Storm Surge In Estuary | River Mouth Morphology | Dike Risk Assessment | Nature-Based Shore Projects | Perforated And OWC Caissons |
| Moderator | Philip L.-F. Liu | David Kriebel | Shinji Sato | Mark Klein Breteler | Timothy Kana | Tom Bruce |
| 8:10 - 8:30 AM | 1415: Comparison Of Numerical Wave Tanks With Various Turbulence Models In Application To Long Wave Motion And Its Interaction With A Vertical Wall | 1034: Surface-Groundwater Flow Numerical Model For Coastal Barrier Beach | 1084: Reason Of Fixation Of Mouth Of A Small River Behind Natural Reef | 1208: How Vegetated Foreshores Affect Probabilities Of Wave-Induced Dike Failure | 1036: Natural Design And Management Of An Estuary Mouth System | 1399: Violent In-Chamber Loads In An Oscillating Water Column Caisson |
| Presenting Author | Hasan Gokhan Guler | Eranda Perera | Yasuhiro Noshi | Vincent Vuik | Paul Canning | Krisna Pawitan |

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|---------------------|---|---|---|--|--|---|
| 8:30 - 8:50 AM | 1458: Laboratory Validation And Inter-Model Comparisons Of Non-Breaking, Impulsive Breaking, And Broken Wave Interaction With Elevated Coastal Structures Using Ithoam And Fluent | 1304: Contribution Of Large River System On Water Level Due To A Storm | 1504: Beach Response To Exposed Riverine Sediment And Beach Nourishment | 1234: Aged Asphaltic Dike Revetments On (Saturated) Sand Tested In A Large Deltafume | 1100: Wave Attenuation And Sediment Transport Monitoring Of Living Shorelines In The Delaware Bay, U.S. | 1518: On The Effectiveness Of Oscillating Water Column Devices In Reducing The Agitation In Front Of Vertical Walls Harbor Structures |
| Presenting Author | Hyoungsu Park | Abdul Al Mohit | Jia-Lin (Julie) Chen | Bernadette Wichman | Katlin Walling | Lorenzo Cappiotti |
| 8:50 - 9:10 AM | 1464: Numerical Simulation Of Interactions Between Water Waves And A Moored-Floating Breakwater | 1357: Combined Effect Of River Discharge And Storm Surge On Safe Water Level Around Urbanized Estuary | 1607: Characterization Of Hydrodynamic Processes Driving Tidal River Island Shoreline Change | 1478: Effects Of Wave Load On The Long-Term Vegetation Development And Their Resistance As Grass Revetments On Sea Dikes | 1445: Beach Morphological Changes On Sendai Coast By Typhoon Lionrock | 1645: Wave Pressure Formula For Perforated Caisson With Double Chambers |
| Presenting Author | Tobias Martin | Dong-Hwan Kim | Alexandra Muscalus | Jochen Michalzik | Yuta Mitobe | Sang-Ho Oh |
| 9:10 - 9:30 AM | 1470: Recent Advances In 3d Modelling Of Wave-Structure Interaction With Cfd Models | 1519: Coupled Hydrodynamic-Hydrological Modeling For Storm Surge Inundation In The Coastal Area | 1693: Field Observation Of Fine Sediment Transport Process Around River Mouths In North Western Java Island, Indonesia | 1765: Modelling wave overtopping for flood defence reliability, The outline of the research project | 1125: Design And Construction Of A Living Shoreline Project Along The Gulf Coast | 1713: An Experimental Study Of Hydrodynamics Of Owc Device Embodying In Caisson Breakwater |
| Presenting Author | Javier Lara | Sangyoung Son | Yasuyuki Nakagawa | Jord Warmink | Wendell Mears | Chun-Han Ko |
| 9:30 - 9:50 AM | 1536: Relationships Between Fluid Motion And Pressure Variation By A Dam-Break Flow Colliding With A Vertical Wall | 1703: Effects Of Hyperconcentration-Related Drag Reduction On Tidal Propagation In The Qiantang Estuary | 1727: Field Study On Sediment Transport Around River Mouth Opening At The Tenryu River In Japan | | 1429: Evaluating The Capacity Of Natural And Nature-Based Features To Reduce Coastal Storm Hazards | 1751: Wave Pressure Distributions On A U-Owc Breakwater: Experimental Data Vs Cfd Model |
| Presenting Author | Natsuki Mizutani | Wei Li | Yuya Sasaki | | Bret Webb | Fabio Filianoti |
| 10:20 AM - 12:00 PM | Wave And Structure Modeling | Nearshore Currents | Tidal Inlet Morphology | Structure Performance And Maintenance | Coastal Protection Using Vegetation | Coastal Design Tools |
| Moderator | Partick Lynett | Akio Okayasu | Britt Raubenheimer | Marcel van Gent | Michael Poff | Lorenzo Cappiotti |
| 10:20 - 10:40 AM | 1196: Application Of Open Boundaries Within A Two-Way Coupled Sph Model To Simulate Non-Linear Wave-Structure Interactions | 1490: Non-Hydrostatic Modelling Of Kelvin-Helmholtz(KH) Billows Along The North Passage Of Yangtze River Estuary, China | 1212: A Semi-Analytic Model Of Tidal Inlets And Their Evolution | 1130: A Case Study On Performance Of Reshaping Berm Breakwaters: Ordu Giresun International Airport, Turkey | 1082: Geotechnical Properties Of Salt Marsh And Tidal Flat Substrates In The Uk | 1134: An Integrated And Interactive Toolbox For The Design Of Coastal Infrastructure |
| Presenting Author | Tim Verbrugge | Jian Shi | Almir Nunes | Cuneyt Baykal | Helen Brooks | Freek Scheel |
| 10:40 - 11:00 AM | 1240: A Unified Analytical Solution For Wave Scattering By Rectangular-Shaped Objects | 1334: Performances Of The Rip Current Warning System At The Haeundae Coast Of South Korea | 1271: Influence Of Beach Length On The Development Of Estuarine Deltas | 1239: Stability Effects Of Cube Armor Unit Placement Configurations In The Berm Of A Breakwater | 1237: Vegetated Foreshores As Coastal Protection Strategy: Coping With Uncertainties | 1320: Fuzzy Cognitive Mapping: A Tool To Assess The Efficacy Of Coastal Risk Management Project Processes |
| Presenting Author | Jie Hu | Junwoo Choi | Dinh Duy | Cihan Sahin | Bas Borsje | Laura Robichaux |
| 11:00 - 11:20 AM | 1328: Extended Boussinesq Equations For Waves In Two Porous Layers | 1494: Analysis Of Wave Run Up Dynamics At Joghama Beach Japan | 1416: Field Study On Tidal Current Effects On Intra-Wave Sediment Transport | 1482: On Preventive Maintenance Policy For Wave Dissipating Blocks Covering Caisson Breakwater | 1299: Challenges And Strategies For Ecosystem Restoration Of A Sinking Delta Plain | 1420: An Engineering Based Analysis Of The Coast Of Campeche As The Path To Sustainable Decision Making |
| Presenting Author | Changhoon Lee | Naoyuki Inukai | Floris De Wit | Takao Ota | Syed Khalil | Román Canul |
| 11:20 - 11:40 AM | 1405: Numerical Modelling Of Solitary And Focused Wave Forces On A Coastal Bridge Deck | 1526: Response Of Oregon Inlet To Pea Island Breaching | 1419: Three-Dimensional Numerical Modeling Of Sediment Transport Near Coastal Inlets | 1603: Battling The Bering Sea: St George Island's Berm Breakwater | 1386: At-Sea Experiment And Site Monitoring On A New Coastal Protection Engineering Method-Artificial Marine Forest | 1610: Quantifying Beach And Dune Resilience Using The Coastal Resilience Index |
| Presenting Author | Rameeza Moideen | Liliana Velasquez Montoya | Weiming Wu | Philip Blackmar | Jing-Hua Lin | Zhifei Dong |
| 11:40 AM - 12:00 PM | 1455: Numerical Simulations And Assessments Of Perforated Breakwaters | 1559: Wave Induced Current Monitoring Using UAV-Based Photogrammetry | 1574: Impacts Of Channel Deepening On Sediment Transport Mechanisms In A Mesotidal Estuary | 1138: Resonant Oscillations In Small Craft Harbours: Observations And Mitigation Modeling Examples From Atlantic Canada | 1661: Tidal Channel Geometry Of Barrier Embayment Systems In Puget Sound | 1707: Coupled Coastal Town Risk Framework To Evaluate Management Decisions |
| Presenting Author | Philip Liu | Bumshick Shin | Anna Zorndt | Vincent Leys | Jessica Cote | Ayse Karanci |
| 1:20 - 2:40 PM | Wave Breaking | Tsunami Inundation Modeling | Wave Effects On Inlet And Bay | Protected Shoreline Changes | Future Sea Level And Flooding | Wave Transformation And Swash |
| Moderator | Robert Dalrymple | Jen Irish | Jack Puleo | Jose Jiménez | William Kamphuis | Alec Torres-Freyermuth |
| 1:20 - 1:40 PM | 1199: Dependencies Of Breaking Type, Breaking Criteria And Energy Dissipation On Amplitude-Phase Frequency Structure Of Waves | 1306: A Lattice Boltzmann Approach For Three-Dimensional Tsunami Simulation Based On The Plic-Vof Method | 1182: Time-Varying Wave Effects On Flows And Dynamics At An Unstratified Inlet | 1114: The Morphodynamics Of A Mixed Sediment Embayment In A High Tidal Range Environment | 1251: Envisioning Coastal Futures: Exploring Alternative Scenarios For The US Pacific Northwest Coastline | 1349: Field Measurements And Swash Parametrization On Beaches |
| Presenting Author | Sergey Kuznetsov | Kenta Sato | Anna Wargula | Iain Fairley | Peter Ruggiero | Paula Gomes Da Silva |
| 1:40 - 2:00 PM | 1498: Sediment Advection And Diffusion By Obliquely Descending Eddies | 1319: Development Of Tsunami Inundation Evaluation Method Considering Damage Level Of Seawall | 1225: Infragravity Period Oscillations In A Channel Harbor Near A River Mouth | 1144: Storm-Induced Erosion Of Notsukezaki Sand Spit, Japan | 1513: Assessing Current And Future Nuisance Flood Frequency Throughout The U.S. Mid-Atlantic | 1404: Optimum Frequency Discretization And Its Implications On Extreme Infragravity Wave Runup |
| Presenting Author | Ayumi Saruwatari | Katsumi Seki | Florian Bellafont | Seiya Itori | David Kriebel | Luis Montoya |
| 2:00 - 2:20 PM | 1548: Breaking Wave Detection With The Phase-Time Method (PTM) Revisited | 1343: High-Resolution Tsunami-Bedload Coupled Computation In Amr Environment | 1378: Alongshore Variability Of Coastal Morphodynamics In Eastern Lake Erie Due To Low Frequency Oscillations Of Lake Level | 1249: A Modified Hyperbolic Equation To Determine Equilibrium Shape Of Headland Bay Beaches | 1616: Sea Level Rise Influence On Coastal Nuisance Flooding In Broward County, Florida | 1681: Tsunami Inundation Simulations In Urban Topography |
| Presenting Author | Stefan Schimmels | Yasunori Watanabe | Erdinc Sogut | Jonathan Kemp | Ashley Kauppila | Takuya Miyashita |
| 2:20 - 2:40 PM | 1552: Predicting The Breaking Strength Of Gravity Water Waves From Deep To Shallow Water | 1672: Development Of Multiscale Multiphysics Integrated Simulator For Tsunami Runup Calculation Coupled With Structure Analysis | 1010: Prediction Of Small Bay Flooding Through Tidal Inlet And By Wave Overtopping Of Barrier Beach | 1596: Large Scale Shoreline Protection With Minimised Downdrift Impact, Cotonou, West Africa | 1743: Development Of Future Return Period Stillwater Floodplains For The Coasts Of Mississippi, Alabama, And The Florida Panhandle | 1748: A Numerical Study On Surface Wave Evolution Over Viscoelastic Mud |

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| <i>Presenting Author</i> | James Kirby | Taro Arikawa | Tingting Zhu | Rob Nairn | Scott Hagen | Elham Sharifineyestani |
| 2:40 - 3:15 PM | Wave Modeling | Storm Surge | Sediments And Structures | Breakwaters And Revetments | Sea Level Rise And Vegetation | Transient Waves And Beaches |
| <i>Moderator</i> | Robert Dalrymple | Jen Irish | Jack Puleo | Jose Jiménez | William Kamphuis | Alec Torres-Freyermuth |
| 2:40 - 2:45 PM | 1053: Irregular Wave Modelling With Cfd In Sulafjord For The E39 Project | 1497: Storm Surges Simulations Including Wave-Current Interactions Based On The 3d Nearshore Current Model | 1103: Beach Erosion On Golden Beach In South Taiwan | 1264: Effectiveness Of Geotextile Tubes As A Breakwater Core | 1267: Simulating The Formation Of Parallel Tidal Channels Along An Open-Coast Tidal Flat: The Effects Of Initial Perturbation | 1268: Motion Of Solid Spheres Under Solitary Wave Attack: Physical And Numerical Modeling |
| <i>Presenting Author</i> | Weizhi Wang | Kyungmo Ahn | Takaaki Uda | Hendra Hidayat | Ying Zhang | Hasan Gokhan Guler |
| 2:45 - 2:50 PM | 1142: Numerical Study Of Nearshore Hydrodynamics Under Storm Wave Conditions In Hujeong Beach, East Coast Of Korea | 1523: Inter-Comparison Of Coastal Models: Case Study Of Storm Surge At Nemuro In Japan | 1127: Evaluation Of Shoreline Stabilization Using A Hybrid Shoreline Morphology Model | 1371: Influence Of Crown-Wall On The Probability Distribution Of Individual Wave Overtopping Over A Seawall | 1594: Basin-Scale Model For Predicting Marsh Edge Erosion | 1322: Physical Modelling Of The Flow Structure Behind Structure In Tsunami-Like Flow |
| <i>Presenting Author</i> | Yeon Chang | Ryota Nakamura | Michael B. Kabling | Jiayue Gu | Navid Jafari | Hidenori Ishii |
| 2:50 - 2:55 PM | 1187: Experimental Study Of Guided Waves Over The Ocean Ridge | 1598: Sensitivity Of Tropical Cyclone Track To Assessment Of Severe Storm Surge Event At Tokyo Bay | 1128: Nags Head Renourishment – Planning, Design, And Numerical Modeling | 1446: Model Tests On Wave Transmissin Coefficient For Rubble Mound Structures With Superstructures | 1617: Protection Service Of Coral Reefs And Mangroves In The Coastal Zone Of Puerto Morelos, Mexico | 1406: The Effect Of Macro-Roughness Element Characteristics On Tsunami Inundation |
| <i>Presenting Author</i> | Gang Wang | Sota Nakajo | Haiqing Kaczowski | Young-Taek Kim | Mireille Escudero Castillo | Stefan Leschka |
| 2:55 - 3:00 PM | 1221: A Numerical Study Of Freak Wave Generation In Random Seas Over A Submerged Bar | 1600: Assessing Non-Linear Response In Extreme Coastal Water Levels | 1577: Bluff Stabilization And Protection On The Great Lakes; A Case Study | 1459: Numerical Analysis Of Interlocking Caisson Breakwater Using Modular System | 1618: Barbados Coastal Risk Assessment And Management Programme | 1512: Edge Wave Induced By An Atmospheric Pressure Disturbance Moving Along A Sloping Beach |
| <i>Presenting Author</i> | Yuxiang Ma | Betsy Hicks | David Farber | Sung-Hoon Song | Kevin MacIntosh | Yixiang Chen |
| 3:00 - 3:05 PM | 1362: Coupling Spectral And Phase-Resolving Wave Model For Forecasting Of Extreme Waves In Wind Seas | 1624: Effects Of Storm Surge On Water Levels Of The Lagoon System Of Jacarepaguá – Rio De Janeiro, Brazil | 1652: North Jetty Coastline Evolution And Shoreline Engineering, Grays Harbor, Washington | 1639: Risk Evaluation At Dique Del Oeste Breakwater In Palma De Mallorca (Spain) | 1673: Assessment Of Damage And Mitigation Strategies For The Misquamicut, Ri Coastal Community From A 100 Year Storm Event And Sea Level Rise | 1670: Physical And Numerical Modeling Of Tsunami Inundation And Propagation |
| <i>Presenting Author</i> | Cagil Kirezci | Monica Buckmann | Aaron Porter | Carmen Castillo | Christopher Baxter | Hector Colon-De La Cruz |
| 3:05 - 3:10 PM | 1754: Wave Diffraction And Transmission By A Submerged Absorber Breakwater | 1650: Application Of Empirical Typhoon Model In Estimation Of Wave And Storm Surge Due To Explosive Cyclone | 1690: Channel Sedimentation Causing By Grouping Waves And Wind Waves At The Fishing Port, Japan | 1760: Xbloclus - Development Of A Regular Placed Interlocking Armor Unit | 1688: Climate Adaptation Decision-Making: The Gulf Coast Phase 2 Pilot Study | 1724: Deformation Of Coastal Profile During Different Storm Phases |
| <i>Presenting Author</i> | Luana Gurnari | Takuto Haga | Takehito Horie | Robert Jacobs | Jerald Ramsden | Dmitry Korzinin |
| 3:40 - 5:20 PM | Extreme Wave Events | Coastal Groundwater Flow | Beach And Structure Interactions | Structure And Sediment Interactions | Analysis Of Storm Events | Storage Tank And Pipeline |
| <i>Moderator</i> | Mohamed Dabees | Ian Turner | Takaaki Uda | Rob Nairn | Scott Douglass | Koji Kawasaki |
| 3:40 - 4:00 PM | 1104: Wave Climate Variability And Related Climate Indices | 1256: Breaching Of Coastal Barriers In A Changing Climate: Associated Processes And Implication For Contamination Of Coastal Aquifers | 1046: Investigation Of Possibility Of Offshore Discharge Of Nourished Sand In Terms Of Sand Volume And Grain Size Composition | 1017: A Laboratory Study On Wave Overtopping At Vertical Seawalls With A Shingle Foreshore | 1071: Extreme Mete-oceanic Events | 1049: Probabilistic Modeling Of Aboveground Storage Tanks Under Surge And Wave Impacts |
| <i>Presenting Author</i> | Tomoya Shimura | Saber Elsayed | Toshinori Ishikawa | Md Salauddin | Franck Mazas | Carl Bernier |
| 4:00 - 4:20 PM | 1118: The Prediction Of Extreme Value Wind Speeds And Wave Heights From Satellite Data | 1300: Coastal Flooding, Wave Overtopping And Beach Groundwater Interactions | 1153: Countermeasure Against Erosion Behind Submerged Breakwater Due To Sea Level Rise | 1062: Coastal Adaptation Under Sea Level Rise: Prototype Scale Measurement And Modelling Of A Dynamic Revetment | 1315: Predicting Coastal Roadway Damage Using Modified Dispersion Functions | 1298: Loading On Pipelines Due To Extreme Hydrodynamic Conditions |
| <i>Presenting Author</i> | Alicia Takbash | Timu Gallien | Yoshiaki Kuriyama | Paul Bayle | Garland Pennison | Adrian Raul Simpolean |
| 4:20 - 4:40 PM | 1148: Spatial And Temporal Clustering Analysis Of Extreme Wave Events Around The Uk Coastline | 1442: Estimation Of Groundwater Discharge In A Sandy Beach; An Example Of Fukiagehama, Kagoshima Prefecture, Japan | 1346: Morphodynamic Model To Simulate Shoreline Evolution At Any Coastal Mound | 1102: Settlement Of Rock Seawall On Eroding Foreshore Of Sand Beach | 1463: A Probabilistic Model Of Regional-Scale Response To Extreme Storm Events | 1342: Dynamic Residual Seabed Response Around A Movable Pile Foundatoin |
| <i>Presenting Author</i> | Victor Malagon Santos | Takashi Kamo | Giuseppe Roberto Tomasichio | Hyun Dong Kim | Tomas Beuzen | Titi Sui |
| 4:40 - 5:00 PM | 1076: Application And Modification Of Goda Formulae For Nonimpulsive Wave Forces On Elevated Coastal Structures | 1516: Verification Of Seepage Flow Calculation Based On Fluid-Ground Weak Coupling Analysis Model | 1372: Application Of Composite Groynes In Stabilizing Dubai Beaches | 1403: Xbeach Simulation Of Hybrid Coastal Protection: A Galveston Seawall Test Case | 1499: A Multivariate Statistical Model To Simulate Storm Evolution | 1692: Wave Loads Assessment For Submerged Water Intake Design |
| <i>Presenting Author</i> | Tori Tomiczek | Riku Okajima | Ibrahim Mohammad Juma | Jos Muller | Andrea Lira-Loarca | Daoxian Shen |
| 5:00 - 5:20 PM | 1728: Surrogate Modeling Of Storm Response | 1573: Barrier Island Groundwater | 1606: On The Assessment Of Detached Breakwaters On A Sea-Breeze Dominated Beach | 1479: Scour At The Toe Of Rock Armoured Structures | 1515: National Scale Multi-Hazard Model Platform For Extreme Cyclone Impacts On Coasts And Infrastructure | 1755: Experimental Study On Bore Wave Pressure Acting On Storage Tank |
| <i>Presenting Author</i> | Jeffrey Melby | Rachel Housego | Alec Torres-Freyermuth | Joost Den Bieman | David Taylor | Susumu Araki |

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| | Grand Ballroom I & II | Grand Ballroom III & IV | Grand Ballroom VII & VIII | Grand Ballroom IX & X | Dover | Essex |
| Friday, August 3 | | | | | | |
| 8:10 - 9:50 AM | Harbor Oscillations | Wave And Current Interactions | Long-Term Shore Changes | Coastal Structure Design Tools | Waterway And Current | Coastal Research And Education |
| <i>Moderator</i> | Gerbrant Ph van Vledder | Kevin Haas | Yoshimitsu Tajima | Jeffrey Melby | Ahmet Cevdet Yalciner | Keiko Udo |

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| 8:10 - 8:30 AM | 1181: The Response Of Harbor Environments Protected By Irregular Fringing Reef Systems To Strong Gravity Wave Forcing - A Case Study | 1217: An Experimental Study Of Extreme Wave Kinematics On Opposing Depth-Varying Currents | 1045: Interaction And Mergence Of Cuspate Forelands Formed At End Of Multiple Sandy Islands Under Waves | 1021: Overtopping on Breakwaters with a Permeable Crest | 1008: Study On Mechanism Of Back-Siltation In The Deep-Draft Estuary Of The Yangtze Estuary, And Evaluation Of Engineering Measures | 1042: 50-Year History Of The United States (USA) Army Engineers Coastal Engineering Research Board (CERB) |
| Presenting Author | Assaf Azouri | Xuyang Niu | Shiho Miyahara | Mads Røge Eldrup | Min Gao | Joan Pope |
| 8:30 - 8:50 AM | 1465: Estimation Of Bound And Released Infragravity Waves Based On Wave Observation And Numerical Simulation In Shallow Water | 1467: A Solution To The Over-Production Of Turbulence Beneath Surface Waves In Rans-Models | 1295: Evolution Of Nobiru Coast At Decadal To Centennial Scales Including The 2011 Tsunami Impact | 1468: Accumulated Damage Evolution And Investment Costs Of Breakwaters | 1560: Mapping Ship Traffic In Narrow Channels With Bends Using Automatic Identification System (AIS) Data | 1254: Advancing Coastal Engineering In US Highways |
| Presenting Author | Katsuya Hirayama | David Fuhrman | Hitoshi Tanaka | Pedro Folgueras | Jeffrey Oskamp | Scott Douglass |
| 8:50 - 9:10 AM | 1530: Processes Leading To Infra-Gravity Period Oscillations And Currents In Ports | 1599: Waves And Strongly Sheared Currents: Extensions To Coastal Ocean Models | 1502: Field Study Of Contrasting Beach Recovery Processes Observed In Nami-Ita And Kirikiri Coasts After The 2011 Tohoku Earthquake | 1505: Numerical And Physical Model Tests Of Wave Forces On Breakwater Crown Walls And Toe Berm Stability | 1622: Real Time Vessel Simulation Incorporating Coastal Numerical Modeling | 1401: Developing A Sustained And Coordinated U.S. Coastal Research Program |
| Presenting Author | Charitha Pattiaratchi | Saeideh Banihashemi | Yuichi Kojima | Leopoldo Franco | Eric Smith | Jeff Lillycrop |
| 9:10 - 9:30 AM | 1633: Wave Forecasting At The Site -- A Practical Solution For Terminal Operation And Planning | 1602: Vortex Force Analysis Of Wave-Driven Nearshore Circulation | 1689: Long-Term Shoreline Position Monitoring And Prediction, Pea Island, Nc | 1539: Beach Profile Evolution In Front Of Storm Seawalls: A Physical And Numerical Study | 1745: Multiple Wastewater Assessments In Connection With The Wheatstone Project, Western Australia | 1738: Coastal Engineering, Coastal Research, Universities And Climate Change |
| Presenting Author | Xiuying Xing | Morteza Derakhti | Elizabeth Sciaudone | Davide Pasquali | Andrew Driscoll | William Kamphuis |
| 9:30 - 9:50 AM | | 1717: Impact Of Random Wave Spectra On Stokes Drift In Coastal Current Modeling | 1746: Long-Term Morphological Evolution Model | 1700: Jetty Design Using Dual Life-Cycle And Physical Modeling Approach - Coos Bay, OR | | 1770: The Need for Physical Models in Coastal Engineering |
| Presenting Author | | Yuki Imai | Bradley Johnson | Victor Gonzalez | | Edward Couriel |
| 10:20 AM - 12:00 PM | Ship Waves | Marsh And Coral Hydrodynamics | Coastal Morphological Modeling | Pile Structures | Port Operation Assessment | Wave Force On Buildings |
| Moderator | Claudio Neves | William Dally | Bradley Johnson | Ron Cox | John Ramsey | Daoxian Shen |
| 10:20 - 10:40 AM | 1338: Applications Of A 2dh Post-Boussinesq Model: Generation And Propagation Of Tsunami And Ship-Borne Waves | 1074: Improving The Accuracy Of Surge Models Using Subgrid Corrections | 1043: Development Of Sand Bars Around Islands Offshore Of Krabi In Thailand And Their Prediction | 1050: Effects Of Wave Loading Conditions On The Fragility Of Pile-Supported Wharves/Piers | 1057: Probabilistic Assessment Of Port Operability Under Climate Change | 1018: Survivability Assessment Of Fastnet Lighthouse |
| Presenting Author | Theophanis Karambas | Andrew Kennedy | Takaaki Uda | Georgios Balomenos | Paula Camus | Alessandro Antonini |
| 10:40 - 11:00 AM | 1407: Boussinesq Modeling Of Ship-Wakes And Their Contribution To Coastal Erosion In An Adaptive Mesh Refinement System | 1133: Improving predictive modelling of coastal protection by salt marshes | 1503: Numerical Study On Accumulation Mechanism Of Coral Gravels Around Ballast Island, The Coral Cay Off The Coast Of Iriomote Island | 1150: Floating Breakwaters As Public Platforms - Impact On Postural Stability | 1303: Multilevel Methodology To Address Climate Change Risk In Ports | 1040: Small Building Performance In Hurricane Ike On The Bolivar Peninsula |
| Presenting Author | Fengyan Shi | Thomas Van Veelen | Yoshimitsu Tajima | Elizabeth Freeman | Cristina Izaguirre | Spencer Rogers |
| 11:00 - 11:20 AM | 1427: Analysis Of High Frequency Breaking Waves And Low Frequency Surges Generated In Harbors Due To Passage Of Deep-Draft Tankers | 1147: Sub-Grid Modeling Of Coupled Hydrodynamic, Vegetative And Morphodynamic Processes In A Salt Marsh Environment | 1580: Predicting Port Sedimentation And Navigational Depths On Medium/Long-Term Timescales: Combining 2D And Shoreline Morphological Modelling | 1410: Revisited Hydraulic Functioning Of Permeable Pile Groins | 1501: Impact Of Sea Level Rise On The Accessibility Of Coastal Ports: A Case Study Of The Port Of Zeebrugge (Belgium) | 1791: Preliminary Engineering of a Seawall to Mitigate Typhoon-induced Wave Overtopping along Roxas Boulevard, Manila |
| Presenting Author | Arpit Agarwal | Mithun Deb | Sten E. Kristensen | Rong Zhang | Gerasimos Kolokythas | Eric Cruz |
| 11:20 - 11:40 AM | 1474: Ship-Generated Waves Over A Complex Bathymetry | 1307: Observations Of Canopy Flow Structure And Frictional Velocity Of Coral Colonies In Dongsha Atoll | 1642: Probabilistic Shoreline Change Modeling And Risk Estimation Of Erosion | 1581: Extreme Wave Pressures And Loads On A Pile-Supported Wharf Deck - Influences Of Air Gap And Wave Direction | 1646: Vessel-Induced Surge Model Validation In A Complex Harbor Using Field Measurements And Ais Data | 1644: Experimental Modeling Of Wave Forces And Hydrodynamics On Elevated Coastal Structures Subject To Waves, Surge Or Tsunamis: The Effect Of Breaking, Shielding And Debris |
| Presenting Author | Bjorn Almstrom | Zhi-Cheng Huang | Ashley Frey | Andrew Cornett | Frank Salcedo | Pedro Lomonaco |
| 11:40 AM - 12:00 PM | 1663: Time-Frequency Analysis Of 3d Ship-Wave Fields In Maritime Waterways | 1466: Numerical Flow Modeling Around Okinawa From Coral Reef Area To Open Ocean | 1736: A Numerical Model Of Cross-Shore Beach Profile Evolution: Theory, Model Development And Applicability | 1759: Analysis Of Engineering Feasibility Of An Open Pier Against Coastal Hazards Along Luzon Island | 1771: A Design-Life Based Approach To Multi-Hazard Risk Analysis | 1732: Experiments On The Effect Of Freeboard On The Stability Of A Breakwater Crown Wall |
| Presenting Author | Markus Brühl | Yoshiaki Shiraki | Akio Okayasu | Ismael Aragorn Inocencio | Adam Keen | Jeroen Bekker |
| 1:20 - 2:40 PM | Wave Reflection And Absorption | Tsunami Inundation Experiment | Extratropical Storm Surge | Wave Generation And Absorption | Barrier Island Restoration | Mud And Sand Suspension |
| Moderator | Javier Lara | Brian Mcfall | Elena Drei-Horgan | Dan Cox | Jens Figlus | Yasuyuki Nakagawa |
| 1:20 - 1:40 PM | 1011: Active Absorption Of Nonlinear Irregular Waves | 1014: Experiments On The Density Of Tsunami Inundation Water And Its Influence On The Tsunami Run-Up And Deposit | 1157: Hindcasting Of Surge And Wave On Hokkaido Coasts By Winter Low Pressure System Using Surge-Wave Coupled Sea Bottom And Surface Stresses In Suwat | 1006: Experimental Study On Development Of Long-Span Flap-Gate Type Seawall For Tsunami And Storm Surge | 1291: Progression Of Barrier Island Restoration In Louisiana | 1129: Formation, Transport And Breakdown Of Near-Bed High-Concentrated Mud Suspension Within The North Passage Of The Changjiang Estuary |
| Presenting Author | Thomas Lykke Andersen | Hideo Matsutomi | Sooyoul Kim | Mizuki Hirano | Jason Lanclos | Jianzhong Ge |
| 1:40 - 2:00 PM | 1038: A High-Order Spectral Element Unified Boussinesq Model For Point Absorbers | 1151: Effect Of Friction In Tsunami Inundation Modeling | | 1072: Analysis Of Long-Circuit Type Caissons For Attenuation Of Long-Period Waves | 1431: Land Use And Mitigation Effects On Barrier Beach Erosion In Storms: Case Study In RI | 1186: An Evaluation Of Suspended Sediment Concentration Models Under Breaking Waves |
| Presenting Author | Umberto Bosi | Ahmet Yalciner | | Jose Gonzalez-Escriva | Naser Al Naser | Gabriel Lim |
| 2:00 - 2:20 PM | 1336: Design Features Of The Upcoming Coastal And Ocean Basin In Ostend, Belgium | 1277: Numerical Modeling Of Tsunami Inundation Using Subgrid Scale Urban Roughness Parameterization | 1356: Modelling Parameters And Impacts Of Four Extratropical Cyclones Under Future Climate Scenarios | 1136: Wave Energy Converter With Wave Absorbing Control | 1553: Adaptation Pathway For A Barrier Island To Future Hurricanes | 1233: Validation Of Sand-Mud Mixture Transport Model With Field And Flume Experiments |
| Presenting Author | Peter Troch | Adi Prasetyo | Martin Mäll | Takashi Kawaguchi | Stephanie Smallegan | Taichi Kosako |

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| 2:20 - 2:40 PM | 1660: Oblique Breakwaters For Multi-Purpose Beach Recreation And Shore Protection | 1682: Optical Measurements For Tsunami Run-Up | 1508: A Novel High-Resolution Storm Surge Forecast For The German Bight | 1493: Experimental Test Of A Cylindrical Wave Energy System With Horizontal Rotation For Shallow Water | 1586: North Breton Island Restoration, Designing To Increase A Barrier Island's Habitat And Longevity | 1437: Sediment Transport Due To Current-Supported Turbidity Currents Over An Erodeable Bed |
| Presenting Author | William Dally | Peter Rivera | Sebastian Niehüser | Min-Su Park | Murat Utku | Sahar haddadian |
| 2:40 - 3:15 PM | Waves And Structures | Tidal Currents | Sediments And Morphology | Ports | Coastal Protection And Risk | Coastal Structures |
| Moderator | Javier Lara | Brian Mcfall | Elena Drei-Horgan | Dan Cox | Jens Figlus | Yasuyuki Nakagawa |
| 2:40 - 2:45 PM | 1058: Numerical Modelling Of Wave Runup & Overtopping Under Influence Of Complex Geometries | 1078: Analyzing Flow Energy Potential Of The Bosphorus Strait | 1106: Assessment Of A Nature-Based Structure To Manage Coastal Dune Erosion In Yucatan, Mexico | 1202: Port Performance Prediction Through Maritime Operations Simulation | 1292: Cost Study Of Coastal Protection – Methodological Framework | 1004: Design Optimization Of East London Foreshore Protection During Construction |
| Presenting Author | Soroush Abolfathi | Cihan Sahin | Mariana Gonzalez Leija | Mª Izaskun Benedicto | Marc Igitabel | Masupha Letsie |
| 2:45 - 2:50 PM | 1270: Harbor Agitation Due To Offshore Ship Waves Using Swash: A Case Study Of Kumkapi Yacht Park, Istanbul | 1095: Hydrodynamic Mechanism Of Turbidity Currents In Estuary Stratifications | 1275: Exploring The Influence Of Land Reclamation On Sediment Grain Size Distribution On Tidal Flats: A Numerical Study | 1246: Working Through State Differences To Create A Regional Dredged Material Management Plan For Federal Harbors In Long Island Sound | 1374: Operational Forecasting System For Dubai Coastal Waters | 1061: A Slack Mooring For A Large Ship Under Beam Seas In Port |
| Presenting Author | Cuneyt Baykal | Zhiguo He | Lei Chen | Meghan Quinn | Noora Mohammed Hokal | Shigeki Sakakibara |
| 2:50 - 2:55 PM | 1283: Wave Transmission Over Low-Crested Porous Breakwaters | 1558: Hydraulic Investigations For The Environmental Impacts Due To Tidal Energy Development | 1440: Development Of A Storm Erosion Climatology For The Mid-Atlantic Coast, US | 1263: Review Of Ice Challenges And Ice Management In Port Areas | 1471: Uncertainty And Bias In Extreme Value Analysis Of Records Of Storm Surges For Coastal Protection Plans | 1073: Adaptation Measures To Sea-Level Rise & Subsidence For Coastal Structures |
| Presenting Author | Theofano Koutrouveli | Bumshick Shin | Laura Lemke | Cayetana Ruiz De Almirón De Andrés | Toshikazu Kitano | Thomas White |
| 2:55 - 3:00 PM | 1360: Overflow And Wave Overtopping Over Broad Quay Walls Modeled With Openfoam | 1223: Pollutant Advection And Diffusion Processes In The Lagoon Of Funafuti Atoll, Tuvalu | 1511: An Analysis Of Sediment Transport Using Sand Color Index Between Beaches And Rivers At Toban Coast In Japan | 1397: Real Time Coastal Monitoring For Effective Management Of Dubai Coast | 1527: Black Swans And Risk - Assessing Consequences Of Extreme Events For The German Bight | 1115: Wave Interaction With Single And Twin Vertical And Sloped Slotted Walls |
| Presenting Author | Dieter F.A. Vanneste | Daisaku Sato | Kohji Uno | Ibrahim Mohammad Juma | Marius Ulm | Noor Al Anjari |
| 3:00 - 3:05 PM | 1412: Individual Wave Effects On Coastal Structure Damage During Windstorms | 1367: Hydrodynamics Of Extended Dubai Creek System | 1332: Laboratory Model Test Of Transient Rip Currents Due To Pseudo Honeycomb Pattern Waves | 1649: A Methodology To Prioritize Investments To Reduce Risks In Ports | 1615: Barbados National Coastal Risk Information And Planning Platform A Software System For Hazards, Vulnerability & Risk | 1258: Hydrodynamic Behaviors Of Large Steel-Cylindrical Cofferdam System For Marine Structures Construction |
| Presenting Author | Annette Grilli | Sankarbabu Karanam | Min Roh | Carmen Castillo | David Taylor | Youn-Ju Jeong |
| 3:05 - 3:10 PM | 1608: A Coupling Methodology To Model Near And Far Field Effects Of Structures And Energy Devices Due To Wave Interaction | 1430: Numerical Assessment Of Tide And Wave Reduction By Spatially Varying Bottom Roughness Along An Idealized Channel | 1592: Results Of A 3-Year Beach Erosion Control Project In Hillsboro Beach, Florida, Utilizing Pressure Equalizing Modules (Pem) | 1790: Designing Port Infrastructure For Sea Level Change: A Survey Of Engineers | | 1439: A Vortex Drop Structure As Deaeration System For A Submarine Outfall Pipeline |
| Presenting Author | Vasiliki Stratigaki | Elizabeth Holzenthal | Kenneth Christensen | Benjamin Sweeney | | Rolando Garcia |
| 3:10 - 3:15 PM | 1685: Estimation Of The Wave Power Potential In Coastal Regions Of Florida | | | | | |
| Presenting Author | Cigdem Ozkan | | | | | |
| 3:40 - 5:20 PM | Internal Waves, Meteotsunami And Wave Power | Tsunami Generation And Propagation | Tidal Salinity And Temperature | Sandspit, Ridges And Protrusion | Beach Improvement And Monitoring | Sea Level Rise And Recession |
| Moderator | Hans Bihs | Nobu Kobayashi | James Kaihatu | Giuseppe Roberto Tomasichio | Lizbeth Childs | Andres Payo |
| 3:40 - 4:00 PM | 1149: Analysis Of Wave Characteristics For Design And Construction Of Offshore Wind Power Plant | 1080: Tide-Tsunami Interaction In A Highly Energetic Channel. A Case Study | 1002: Temperature Variations In Mixed-Sand-Gravel Sediments At A Steep, Mega-Tidal Beach | 1044: Prediction Of Formation Of Recurved Sand Spit Using Bg Model | 1426: Design And Performance Of A Mixed Sediment Nourishment Project Along An Urban Sediment-Starved Shoreline | |
| Presenting Author | Takako Fukuyama | Patricio Winckler | Nina Stark | Masumi Serizawa | John Ramsey | |
| 4:00 - 4:20 PM | 1473: Study On The Proudman Resonance Of Waves Induced By A Moving Atmospheric Pressure Disturbance | 1110: Flow Characteristics In Swash Of Transient Long Waves | 1060: Effects Of Desalination On Hydrodynamic Process In Persian Gulf | 1183: Ensemble Prediction Of Morphodynamic Evolution | 1441: Comprehensive Study And Monitoring Program For Beaches At Viña Del Mar Chile | 1313: Analytical Solution Of Beach Profile Response To Sea Level Rise – Application For Tectonic Movement In Sendai, Japan |
| Presenting Author | Xiaojing Niu | Nimish Pujara | Wonhyun Lee | Antonios Valsamidis | Benjamin Carrion | Xuan Tinh Nguyen |
| 4:20 - 4:40 PM | | 1222: Bed Shear Stress, Surface Shape And Velocity Field At The Tips Of Dam-Breaks, Tsunami And Wave Runup | 1154: Modeling Tide's Influence On Seawall's Surface Temperature In Tropical Regions | 1612: The Effect Of Oblique Shoreface-Connected Ridges On Alongshore Transport And Shoreline Change | 1576: Focus On Ecological Improvements & Monitoring In The Design Of A Beach Stabilization & Enhancement Project | 1460: Sea-Level Effect On Annual Cyclic Beach Morphology In Swash Zone At Hasaki Coast |
| Presenting Author | | Peter Nielsen | Kuifeng Zhao | Kevin Haas | Kevin Macintosh | Masayuki Banno |
| 4:40 - 5:00 PM | 1684: Estimating Meteotsunami Occurrences For The US East Coast | 1605: Tsunami Generation By Earthquakes: Seabed Topography And Inertial Effects | 1318: Dynamics Of Salt Intrusion In The Multi-Channel System Of The Mekong Delta, Vietnam; Results Of The Field Campaign And Modelling | 1636: Morphological Diffusivity Of A Feeder Nourishment; Assessing 5 Years Of Sand Engine Spreading | 1475: A Comprehensive Analysis Of Measured And Computed Depth Of Closure Around The Coast Of Japan | 1163: Relation Between Shape Of Extreme Wave Height Distributions And Weather System |
| Presenting Author | India Woodruff | Robert Dalrymple | S Eslami Arab | Sierd De Vries | Keiko Udo | Maki Chiwata |
| 5:00 - 5:20 PM | 1733: A Numerical Calculation For Internal Waves Over Topography | | | 1400: Numerical Investigations Of The Mechanisms Associated With The Onshore Ripple Migration | | |
| Presenting Author | Taro Kakinuma | | | Zhen Cheng | | |