Proceedings of
6th International Conference on
MARINE SCIENCE, COASTAL DYNAMICS AND MANAGEMENT

&
6th International Conference on
OCEANOGRAPHY, OCEAN TECHNOLOGY AND MARINE BIOLOGY

September 21-22, 2018 | Dallas, USA
### Keynote Forum

**10:00-10:45**  
**Title:** Re-establishing sustainable coastal protection by mimicking natural processes  
**AnneMarie Clements,** Anne Clements and Associates, Australia

### Panel Discussion

**Networking & Refreshment Break 10:45-11:00 @ Foyer**

**11:00-11:45**  
**Title:** Modeling *Escherichia coli* die-off rate in submarine outfall systems  
**Miguel De Luque Villa,** Universidad de Cundinamarca, Colombia


**Session Chair:** Michel Denis, Université d’Aix-Marseille, France  
**Session Co-chair:** Miguel De Luque Villa, Universidad de Cundinamarca, Colombia

#### Session Introduction

**11:45-12:15**  
**Title:** Potential inundation-driven changes in the value of coastal ecosystem services in the Sundarbans region in Bangladesh  
**Seyedabdolhossein Mehvar,** University of Twente & IHE Delft Institute for Water Education, Netherlands

**12:15-12:45**  
**Title:** Recolonization of disturbed marine benthic communities in the Mangrove ecosystem  
**Shahid Amjad,** Institute of Business Management, Pakistan

### Panel Discussion & Group Photo

**Lunch Break 12:45-13:45 @ Atrium**

### Keynote Forum

**13:45-14:30**  
**Title:** Dangers of the Indus River Delta of Arabian Sea, Pakistan  
**Nasir Soomro,** Energy Department Government of Sindh, Pakistan

**14:30-15:15**  
**Title:** Recent advances in the *in situ* automated high frequency observation of marine microorganisms at the single cell level to address their spatial-temporal dynamics  
**Michel Denis,** Université d’Aix-Marseille, France

### Session Introduction

**15:15-15:45**  
**Title:** Organic matter cycling in marine environment: Primary versus secondary sources and cloud interactions  
**Darius Ceburnis,** National University of Ireland Galway, Ireland

### Panel Discussion

**Networking & Refreshment Break 15:45-16:00 @ Foyer**

**16:00-16:30**  
**Title:** Sediment quality assessment in tidal salt marshes in Northern California, USA: An evaluation of multiple lines of evidence approach  
**Hyun-Min Hwang,** Texas Southern University, USA

### Panel Discussion & Group Photo
**Day 2  September 22, 2018**  
**Conference Hall: Heritage 7**

### Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution/Location</th>
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</thead>
<tbody>
<tr>
<td>09:45-10:30</td>
<td>Title: Ocean research institutional model for the emerging sector: West Africa’s subsea support sector</td>
<td>Chinedum Onyemechi</td>
<td>Federal University of Technology Owerri, Nigeria</td>
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### Panel Discussion

- **Networking & Refreshment Break 10:30-10:50 @ Foyer**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title: Fisheries and their impacts: Imagined and real</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:50-11:35</td>
<td>Title: Fisheries and their impacts: Imagined and real</td>
<td>James H Cowan</td>
<td>Louisiana State University, USA</td>
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- **Session Chair:** Michel Denis, Université d’Aix-Marseille, France
- **Session Co-chair:** Miguel De Luque Villa, Universidad de Cundinamarca, Colombia

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<tr>
<td>11:35-12:05</td>
<td>Title: Port development and coastal modifications: Barranquilla Port, Colombia</td>
<td>Germán Daniel Rivillas Ospina</td>
<td>Universidad Del Norte, Colombia</td>
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<tr>
<td>12:05-12:35</td>
<td>Title: Centennial and extreme climate variability in the last 1500 year from the Belize Shelf Lagoon and the Blue Hole on Lighthouse Reef (Central America): Successive droughts and floods linked to the demise of the Mayan urban civilization</td>
<td>André Droxler</td>
<td>Rice University, USA</td>
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### Lunch Break 12:35-13:35 @ Atrium

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<td>13:35-14:05</td>
<td>Title: Environmental conditions and biological community of the Penzhina and Talovka hypertidal estuary (Northwest Kamchatka) in the ice-free season</td>
<td>Maksim Koval</td>
<td>KamchatNIRO, Russia</td>
</tr>
<tr>
<td>14:05-14:35</td>
<td>Title: Unique integrated autonomous solutions for monitoring ocean conditions in outer continental shelf environments</td>
<td>Andrew Ziegwied</td>
<td>ASV Global, USA</td>
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### Awards & Certificates Felicitation 14:35-15:45

### Panel Discussion & Group Photo

### Closing Ceremony