A Practitioner-led Workshop to Advance Resilience to Sea Level Rise:
Leading Practices and Current Challenges

February 14, 15, 16
Africa, Caribbean, Central America, Europe, Middle East, North America, South America

February 22, 23, 24
Asia, Oceania, Pacific Islands
1. Science – Shared challenges for practitioners

Sea Level Science Grapples with Uncertainty and Usability

Improved transdisciplinary approaches are needed to ensure that research on rising seas is useful for planning in coastal communities.

‘Uncertainty is not our friend’: Scientists are still struggling to understand the sea level risks posed by Antarctica

Two studies find the Paris climate goals could significantly reduce sea level rise by 2100 — but also show researchers still grappling with how climate change will alter the world’s largest ice sheet.

Quit Worrying About Uncertainty in Sea Level Projections

Emphasizing uncertainty in model projections of long-term sea level rise is a misguided approach. Instead, we should focus on communicating what we do know while improving model confidence.
2. Planning and Adaptation Action

Sea level rise warning: Alarming UK maps show areas to be hit by extreme risk of flooding

African Heritage Sites threatened by coastal flooding and erosion as sea-level rise accelerates

CLIMATE CHANGE IS STRETCHING MUMBAI TO ITS LIMIT

Facing sea-level rise, flooding, and landslides, the city’s residents are finding resilience—because they have little other choice.

Protect or Retreat: Rising Seas Threaten Canada’s Atlantic and Pacific Coasts
3. Communications – Making the case for action

Charleston’s sea wall decision pushed back just as advocates and detractors prepared for vote

Del Mar will stand its ground against managed retreat

Forced retreat: one New Zealand town’s fate highlights coming fight over climate adaptation

Research in Tunisia Explores Women Pastoralists’ Roles in Climate Change Adaptation
“Sea Level 2022: Advancing Science, Connecting Society”

Sea Level 2022 Conference
Advancing Science, Connecting Society

12-16 July 2022, Singapore

Conference website: www.sealevelconference.org

Day 1: Scientist and Practitioner Perspectives
Day 2: Science Update, including Land Ice Contributions
Day 3: Practitioner Case Studies and Perspectives
Day 4: Regional Sea Levels and Coastal Variability
Day 5: Looking ahead; The Practitioner/Scientist Interface

https://www.sealevelconference.org/
TRAVEL FUNDING GRANTS WILL BE AVAILABLE
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“Community of Practice” for Sea Level Rise Adaptation?

“Community of Practice” for Sea Level Rise Adaptation?

- We don't know of one at a global scale.
- Do you? If so please tell us about it.
- Do you think we need one?
- And if one existed, would you participate or help lead it?

We'll ask these questions and others at the end of the workshop.
Organizing Committee

Co-Chairs
David Behar, San Francisco Public Utilities Commission, United States
Daniella Hirschfeld, Utah State University, United States

Atlantic Subcommittee
Kwasi Appeaning Addo, University of Ghana, Ghana
Jochen Hinkel, Global Climate Forum, Germany
Hilary Lohmann, Department of Planning and Natural Resources, U.S. Virgin Islands
Robert Nicholls, University of East Anglia, United Kingdom
Gordon Smith, Dept of Municipal Affairs and Housing, Province of Nova Scotia, Canada

Pacific Subcommittee
Lara Clarke, Planning and Risk Management, GNS Science, New Zealand
Miguel Esteban, Waseda University, Japan
Dave Hanslow, Dept of Planning, Industry, and Environment, New South Wales, Australia
Munsur Rahman, Bangladesh University of Engineering and Technology, Bangladesh

Facilitators: Jochen Hinkel, Gordon Smith, Daniella Hirschfeld, Ray Boyle, David Behar, Julie Coleman
Workshop Managers: Emily Jack-Scott, Ray Boyle
Goals & Objectives

- Develop competencies
- Share knowledge
- Build community
Nature of the Workshop
## Flow of the Workshop

<table>
<thead>
<tr>
<th>Day 1: Science</th>
<th>Day 2: Planning + Action</th>
<th>Day 3: Communicating</th>
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</thead>
<tbody>
<tr>
<td>Understand and translating sea-level rise science for resilience</td>
<td>Learning and sharing about planning processes and adaptation actions for sea-level rise</td>
<td>Developing skills to communicate challenges and build support with stakeholders</td>
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</tbody>
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# Flow of the Day

<table>
<thead>
<tr>
<th>Session</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Welcome Session</td>
<td>20 min</td>
</tr>
<tr>
<td>Lightning Talks</td>
<td>25 min</td>
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<tr>
<td>Miro Boards</td>
<td>10 min</td>
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<tr>
<td>Breakout Group Discussion</td>
<td>80 min</td>
</tr>
<tr>
<td>Interactive Reflections</td>
<td>5 min</td>
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<tr>
<td>Optional Networking</td>
<td>30 min</td>
</tr>
</tbody>
</table>
Participant Snapshot
Geography

Oceania

Asia

Middle East

North America

Europe

Caribbean

Africa

South America
Participant Snapshot
Professional Life

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Logistics

- Rename yourself to include employer/affiliation and gender pronouns
- Turn on your camera
- Gallery vs. speaker view
- Recording! Why?
- For technical assistance send a private chat in Zoom to AGCI’s Emily Jack-Scott or Alyson Wright
Ground Rules

- Be respectful and inclusive.
- Find ways to support the work & ideas of others.
- Be persistent and patient.
- Share our time & space together. Actively listen, contribute, and learn!