Exploring Sustainable Seafood
Seafood Farming and Climate Change: Friend or Foe?

SPEAKERS
Heidi Alleway, PhD
University of Adelaide (Australia)
Rebecca Gentry, PhD
Florida State University
Dane Klinger, PhD
Conservation International

KEY TERMS AND CONCEPTS
Marine aquaculture as a tool to address climate change
- **US Climate Resilience Toolkit – Aquaculture** (2016)
- **Exploring the potential for marine aquaculture to contribute to ecosystem services** (Gentry et al, 2019)
- **Global spatial analysis reveals where marine aquaculture can benefit nature and people** (Theuerkauf et al, 2019)
  - Map of global restorative aquaculture potential
- **Conservation aquaculture: Shifting the narrative and paradigm of aquaculture's role in resource management** (Froehlich et al, 2017)
- ‘Charismatic carbon’: Seaweed farming to combat climate change (Froehlich et al, 2019 via Phys.org)
- **Protein Scorecard** (World Resources Institute, 2016)

Climate impacts on marine aquaculture production
- **Climate change, population growth may lead to open ocean aquaculture** (Klinger et al, 2017 via Phys.org)
- **Marine aquaculture and the need to protect global food security** (Froehlich et al, 2018 via Science News Daily)
- **Shellfish Growers Climate Coalition** (The Nature Conservancy)
- **Intergovernmental Panel on Climate Change (IPCC): Changing Ocean, Marine Ecosystems, and Dependent Communities** (Bindoff et al, 2019)
- **High Level Panel for a Sustainable Economy: The Future of Food from the Sea** (Costello et al, 2019)