



# The Ocean in a High-CO<sub>2</sub> World

## Ocean Acidification

Third Symposium • Monterey • California • 24-27 September • 2012

Abstract deadline  
1 April 2012

Abstracts invited for oral and poster presentations

15 September 2011

Abstract submission opens

15 June 2012

Early registration deadline (reduced fee)

### PLENARY TALKS

- The history of ocean acidification science - **Peter Brewer (US)**
- Changes in ocean carbonate chemistry since the Industrial Revolution - **Richard Zeebe (US)**
- Rates of change of ocean acidification: Insights from the paleorecord - **Daniela Schmidt (UK)**
- Interactions of ocean acidification with physical climate change - **Laurent Bopp (France)**
- Responses of organisms and ecosystems to multiple environmental stressors (ocean acidification, hypoxia, temperature, UV, etc.) - **Hans-Otto Poertner (Germany)**
- Acclimation and adaption: Genomics, physiology, and behavior - **Gretchen Hofmann (US)**
- Ecosystem change and resilience in response to ocean acidification - **Steve Widdicombe (UK)**
- Biogeochemical consequences of ocean acidification and feedbacks to the Earth system - **Richard Matear (Australia)**
- Understanding the economics of ocean acidification - **Luke Brander (Hong Kong, China)**
- Policy and governance: Implications, solutions, and barriers - **Victor Galaz (Sweden)**
- Impacts of ocean acidification on foodwebs and fisheries - **Beth Fulton (Australia)**

### THEMES

Impacts on marine  
organisms, ecosystems, and  
biogeochemical cycles

Socio-economic consequences

Policy and management  
implications

Support available for early-career  
and developing-country scientists

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