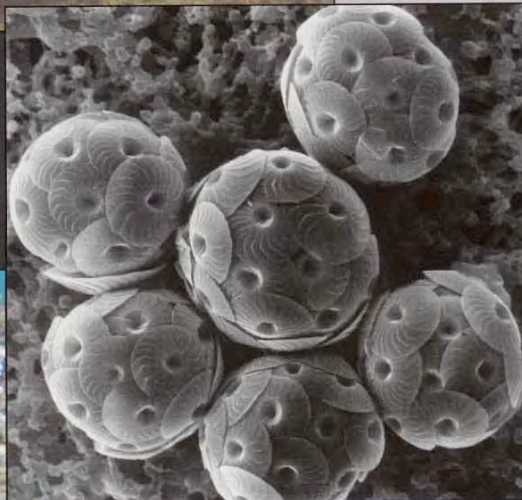
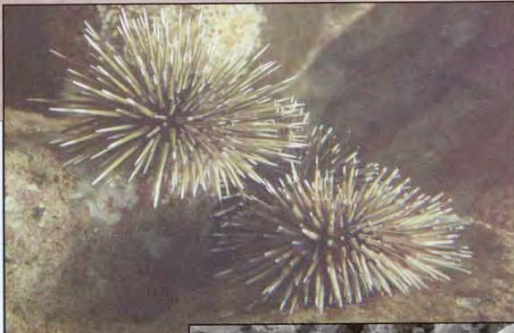


The Ocean in a High-CO₂ World



International Council for Science
Scientific Committee on Oceanic Research

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**The Ocean in a High-
CO₂ World I
Paris, France
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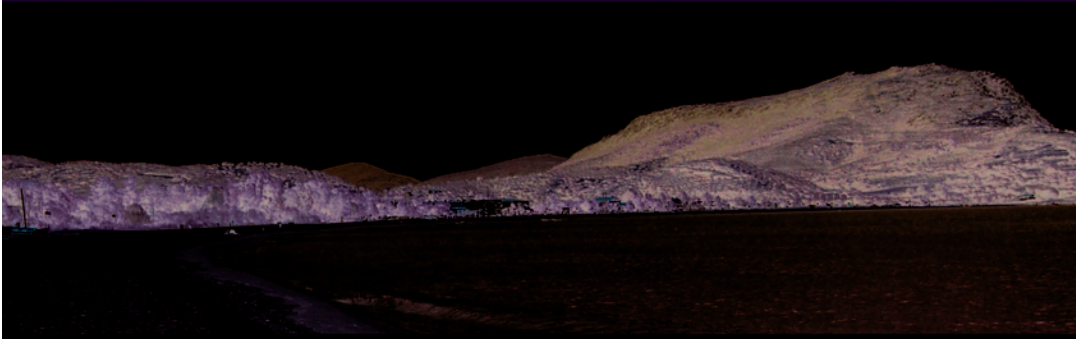
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Special Issue

The ocean in the high-CO₂ world II

Editors: J.-P. Gattuso, J. Orr,
S. Pantoja, H.-O. Pörtner,
U. Riebesell, and T. Trull



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The Ocean in a High- CO₂ World II Monaco September 2008

The Ocean in a High-CO₂ World III
Monterey, California, USA
24-27 September 2012

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The Ocean in a High-CO₂ World

Ocean Acidification

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

- **Ulf Riebesell (Germany), Chair**
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- **Peter Brewer (USA)**
- **Ken Denman (Canada)**
- **Richard Feely (USA)**
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The Ocean in a High-CO₂ World

Ocean Acidification

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Sept. 23 (Sunday)	Sept. 24 (Monday)	Sept. 25 (Tuesday)	Sept. 26 (Wednesday)	Sept. 27 (Thursday) Policy Day
	Plenary	Plenary	Plenary	Plenary
	Break	Break	Break	Break
	Parallel Sessions	Parallel Sessions	Parallel Sessions	Plenary
	Lunch	Lunch	Lunch	Lunch
Registration, poster set up and ice- breaker reception	Parallel Sessions	Parallel Sessions	Parallel Sessions	
	Break	Break	Break	
	Parallel Sessions	Parallel Sessions	Parallel Sessions	
	Poster Session	Poster Session	Dinner at Aquarium	



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PLENARY PRESENTATION TOPICS

- The History of Ocean Acidification Science
- Changes in ocean carbonate chemistry since the Industrial Revolution
- Rates of change of ocean acidification: Insights from the paleorecord
- Interactions of ocean acidification with physical climate change
- Responses of marine organisms and ecosystems to multiple environmental stressors (ocean acidification, hypoxia, temperature, UV, etc.)
- Acclimation and adaption to ocean acidification: Genomics, physiology, and behavior
- Ecosystem change and resilience in response to ocean acidification
- Biogeochemical consequences of ocean acidification and feedbacks to the Earth system
- Understanding the economics of ocean acidification
- Policy and governance in the context of ocean acidification: Implications, solutions, and barriers
- Impacts of ocean acidification on foodwebs and fisheries



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PARALLEL PRESENTATION TOPICS

- Detection and attribution of ocean acidification changes
- Effects of ocean acidification on nutrient and metal speciation
- New developments in measuring and observing ocean acidification and its effects
- Regional impacts of ocean acidification
- Effects of ocean acidification on calcifying organisms
- New concerns in ocean acidification research

- **40% of the NSF Grant to SCOR for the symposium will support participation of early-career scientists in the symposium.**
- **The International Planning Committee has set up a subcommittee to handle the process to select recipients of travel grants for early-career and developing country scientists.**
- **Ken Denman (Canada) is chairing the subcommittee.**
- **Announcement of the availability of funding support will be made in Sept. 2011, when the registration is opened for the symposium.**
- **Meeting Web site: www.highco2-iii.org**
- **See also www.ocean-acidification.net**