The Ocean in a High-CO$_2$ World

Paris, France

May 2004
The Ocean in a High-CO$_2$ World II
Monaco
September 2008
The Ocean in a High-CO₂ World
International Planning Committee

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### The Ocean in a High-CO₂ World

#### Ocean Acidification

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

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**Poster Session**
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
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