



Second Circular and Call for Abstracts: Deadline March 15, 2011
Seventh EGU Alexander von Humboldt International Conference on

Ocean acidification: consequences for marine ecosystems and society

ParkRoyal Penang Resort
Penang, Malaysia, June 20–24, 2011

Organized by
University Sains Malaysia (USM),
the European Geosciences Union (EGU),
the Asia Oceania Geosciences Society (AOGS),
and the Japanese Geoscience Union (JpGU)

Scope:

Ocean acidification is already occurring today and will continue to intensify, closely tracking global CO₂ emissions. Given the potential threat to marine ecosystems and its ensuing impact on human society and economy, especially as it acts in conjunction with ocean warming, there is an urgent need for immediate action. This “double trouble” is arguably the most critical environmental issue that humans will have to face in the immediate future. The impacts of ocean acidification will be global in scope yet are some of the least understood of all climate change phenomena. Given that chemical effects are already measurable and that biological impacts may be dramatic within only decades, we must now accept the challenge to better coordinate and stimulate its research on ocean acidification. Such challenge is fundamental if we are to fully understand the consequences of and eventually help mitigate ocean acidification, which along with climate change might turn out to be the most crucial environmental problem and socio-economic challenge of the century. Understanding the risks and consequences of OA and recognising that both OA and global warming are caused by anthropogenic CO₂ emissions will hopefully help to set in motion a stringent climate policy worldwide. The only solution to neutralize OA and global warming is long-term mitigation strategy to limit future release of CO₂ to the atmosphere and/or enhance removal of excess CO₂ from the atmosphere.

Topics (to be introduced by Keynote Speakers):

A) Ocean acidification and the marine ecosystem

- Seawater chemistry: paleoreconstructions, present observations, future projections
- Impact on calcifying organisms (plankton, corals, commercial shellfish, etc)
- Animal performance characters and species interactions (including ecosystem response)
- Microbial processes and interactions
- Biogeochemical cycles and climate feedbacks

B) Ocean acidification and society and politics

C) Ocean acidification and biogeoengineering

D) Outreach

A field trip is planned by mid-week of the conference running from Monday through Friday.

Keynote Speakers

Jelle Bijma, Sarah Cooley, Maoz Fine, Atushi Ishimatsu, Ian Joint, Hiroshi Kitazato, Carlo Laj, Uta Passow, Adina Paytan, Katrin Rehdanz, Rodelio F. Subade, Dieter Wolf-Gladrow, Richard Zeebe

Local Organizing Committee:

Zulfigar Yasin (Chairman)
Aileen Tan Shau-Hwai
NNs

Scientific Program Committee:

Peter Fabian (EGU) Co-Chairman
Zulfigar Yasin (USM) Co-Chairman
Aileen Tan Shau-Hwai Foong Swee Yeok Jelle Bijma Minhan Dai Carlo Laj

Conference language:

English

Conference Homepage: www.meetings.copernicus.org/avh7

Abstract Submission: Deadline March 15, 2011

Abstracts are to be submitted online through the conference homepage
www.meetings.copernicus.org/avh7

There is an abstract fee of € 45.00 which has to be paid by credit card.

Please note: Abstracts may be submitted after the deadline as well. These will, however, generally be accommodated as poster presentations.

Registration and Registration Fees:

Pre-Registration is to be made through the conference homepage
www.meetings.copernicus.org/avh7

at the following rates (to be paid by credit card):

€ 300 (Early Bird Rate) until January 15, 2011

€ 330 (Regular Rate) until March 31, 2011

€ 360 (Late Rate) until May 31, 2011

On-Site Registration (Cash only): € 400

Please note: Authors with abstracts assigned for oral presentation have to register (and pay) until March 31, 2011. Otherwise their papers will be removed from the oral program.

Informations on Accommodation and Logistics:

Participants are advised to book their rooms at special reduced rates directly at reserve.prpen@parkroyalhotels.com using the "Hotel room booking form" which is accessible through the conference homepage www.meetings.copernicus.org/avh7. Reduced Single room rates are MYR260 (Hill view), MYR290 (Deluxe coastal view), MYR370 (Grand Deluxe Seaview), Reduced Double rooms (sharing is possible) are MYR 270 (Hill view), MYR 300 (Deluxe coastal view), MYR380 (Grand Deluxe sea view), All rates including breakfast, taxes and service. Charges The present exchange rate of Malaysian Ringgit (MYR) is about 4.0 MYR/Euro or 3.3 MYR/US Dollar. Booking at other hotels is not recommended.

November 25, 2010

Peter Fabian (EGU)

Zulfigar Yasin (USM)

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Colleagues who might be interested.**