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# EGU 2008 Meeting Programme

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## Union Symposia

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### Monday

#### US3 Forecasting Natural Hazards: Where are we?

Convener: Malamud, B.  
Co-Convener(s): Mugnai, A., Rundle, J.  
Lecture Room D  
Chairperson: MALAMUD, B., MUGNAI, A., RUNDLE, J.

**15:20–15:30** Opening Session Remarks and Introduction to Speaker Fausto Guzzetti (CNR, Italy) - Malamud, B.D.

**15:30–16:00;** EGU2008-A-12036; US3-1MO4O-001

**Guzzetti, F.**

Forecasting landslide hazard and risk (solicited)

Introduction to Speaker Eric A. Smith (NASA/Goddard, USA) and Gregory J. Tripoli (University of Wisconsin, USA), by Alberto Mugnai

**16:00–16:30;** EGU2008-A-12038; US3-1MO4O-003

**Smith, E.A.;** Tripoli, G.J.

Recent advances in forecasting severe precipitation events & consequent flooding: advantages & limitations of CRMs as the forecast platform (solicited)

Introduction to Speaker Robert Muir-Wood (Risk Management Solutions, London, UK) by John Rundle

**16:30–17:00;** EGU2008-A-12039; US3-1MO4O-005

**Muir-Wood, R.**

Probabilistic catastrophe loss modelling and the new risk markets (solicited)

**17:00–17:15** Panel (one-minute each) and then Audience Comments to the Question "What are, or should be, the roles of government/academia/commercial sector in funding, formulating, and issuing hazard forecasts?" [Panel: Fausto Guzzetti, Eric A. Smith, Alberto Mugnai, Robert Muir-Wood, John Rundle; Chair: Bruce D. Malamud]

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**17:15** END OF SESSION

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### Tuesday

#### US2 Ocean acidification: double trouble for nature and man

Convener: Bijma, J.  
Co-Convener(s): Gattuso, J.  
Lecture Room D  
Chairperson: BIJMA, J.

**15:30–16:00;** EGU2008-A-12497; US2-1TU4O-001

**Gattuso, J.-P.**

Ocean acidification and its impact on organisms and ecosystems (solicited)

**16:00–16:30;** EGU2008-A-12498; US2-1TU4O-002

**Tol, R.**

Socio-economic impacts of global change; a first assessment of the impact of ocean acidification (solicited)

**16:30–17:00;** EGU2008-A-12499; US2-1TU4O-003

**Turley, C.**

Ocean acidification: Are we getting the message across to policy makers? (solicited)

### Wednesday

#### US1 Union Award Presentations and Medal Lectures

Convener: Ganssen, G.  
Lecture Room D  
Chairperson: GANSSEN, G.

International Year of Planet Earth

**15:30–15:45;** EGU2008-A-12450; US1-1WE4O-002

de Mulder, E.; Janoschek, W.

Progress IYPE 2008, a report

**15:45–16:15;** EGU2008-A-12451; US1-1WE4O-003

Rattay, A.

How to use the Planet Earth - with the "Planet Earth - directions for use"

**16:15–17:00** EGU Medal Cerenomy

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**17:00** COFFEE BREAK

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Chairperson: GANSSEN, G.

**17:15–18:00;** EGU2008-A-12453; US1-1WE5O-000

**Bibring, J.-P.**

Mars history end evolution, revisited by on going space exploration (Jean Dominique Cassini Medal Lecture) (solicited)

**18:00–18:45;** EGU2008-A-12444; US1-1WE5O-001

**Morel, P.**

Models and Reality (Alfred Wegener Medal Lecture) (solicited)

**18:45–19:30;** EGU2008-A-12055; US1-1WE5O-002

**Watts, A.B.**

Isostasy, Flexure and Geological Processes (Arthur Holmes Medal Lecture) (solicited)

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**19:30** END OF SESSION

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### Thursday

#### US5 Complex systems in geosciences: what is at stake

Convener: Schertzer, D.  
Co-Convener(s): Bourguin, P.  
Lecture Room D  
Chairperson: N.N.

**15:30–16:15;** EGU2008-A-01071; US5-1TH4O-001

**S.P. Ratti**

TBD

**16:15–17:00;** EGU2008-A-01073; US5-1TH4O-002

**Kirchner, J.W.**

Are hydrologic systems complex, or just complicated, or maybe simpler than we thought?

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**17:00** END OF SESSION

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## Friday

### **US4 Shaping the surface of Earth and terrestrial Planets from the Inside Out**

Convener: Cloetingh, S.

Co-Convener(s): Bunge, H., Carbonell, R., Manda, M., Grande, M.

Lecture Room D

Chairperson: CLOETINGH, S.

**15:30–15:45** Introduction

**15:45–16:00;** EGU2008-A-12008; US4-1FR4O-002

**Afonso, J.C.;** Pérez-Gussiné, M.; Fulla, J.; Zlotnik, S.; Fernández, M.; Lowry, A.R.

The nature of the lithospheric and sub-lithospheric upper mantle: recent views from interdisciplinary studies and their limitations (solicited)

**16:00–16:15;** EGU2008-A-12372; US4-1FR4O-003

**Levander, A.;** Niu, F.; Miller, M.S.; Zhai, Y.; Liu, K.; Cheng, X.

Receiver Function Images of the Lithosphere in the Western U.S. from US Array (solicited)

**16:15–16:30;** EGU2008-A-12422; US4-1FR4O-004

**Gallart, J.**

On-going Spanish Integrated research in Earth Sciences: the TOPO-IBERIA project (solicited)

**16:30–16:45;** EGU2008-A-12420; US4-1FR4O-005

**van der Beek, P.A.;** Sinclair, H.D.; Vernon, A.J.; Champagnac, J.D.; Cederbom, C.

Late Neogene Exhumation and Relief Development of the European Alps: a Review of the Evidence and possible controlling Mechanisms (solicited)

**16:45–17:00;** EGU2008-A-12421; US4-1FR4O-006

**Strecker, M.R.;** Bookhagen, B.; Chamberlain, P.; Mulch, A.; Schmitt, A.; Uba, C.

Tectonics, surface processes and the South American Low-Level Andean Jet: insights from stable isotopes and sedimentary environments (solicited)

**17:00–17:15;** EGU2008-A-12423; US4-1FR4O-007

**Hovius, N.;** Meunier, P.; Dadson, S.

Seismicity and Erosion (solicited)

**17:15–17:30;** EGU2008-A-12424; US4-1FR4O-008

**Spohn, T.**

Surface-Interior Interactions on Terrestrial Planets and Satellites (solicited)

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**17:30** END OF SESSION

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