## FUTURE EARTH

## GEOSCIENCES AND SOCIETAL CHALLENGES

**COLOGNE GEOSCIENCES COLLOQUIUM WINTER 2015/16** 

**Prof Martin Visbeck** 

GEOMAR | Helmholtz Centre for Ocean Research Kiel and Christian-Albrechts Universität zu Kiel Future Earth – Future Ocean: Why should we

02 NOV

be interested in integrated sciences?

16

NOV

30

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14

DEC

**19** OCT

**Prof Bill Pritchard** 

University of Sydney | International Faculty, University of Cologne

A complex menu. Understanding the relationship between global food security and climate change

**Prof Frank Schilling** 

Technical University Karlsruhe Seismic Risk: Fracking, Waste Water Disposal, and Deep Geothermal Energy

**Prof Susan Waldron** University of Glasgow In the anthropocene slow carbon cycles are becoming faster. How do we know?

Prof Hans-Joachim Kümpel

President of the Federal Institute for Geosciences and Natural Resources (BGR)

Unconventional shale gas extraction - pleading for an honest debate

Dr Stefan Ouma

Goethe Universität Frankfurt Making sense of the global land rush: On the capitalization of farmland, agriculture

(and water)

**Prof Johannes Quaas** Universität Leipzig

Climate engineering risks and uncertainties followed by a panel discussion until approx. 18:30h

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