

# JpGU Meeting 2013

## JpGU International Symposium 2013

May 19(Sun.) - 24(Fri.), 2013  
Makuhari Messe, Chiba, Japan

### UNION

- U-01** International Cooperation in Earth Planetary Science Project - Centering on NASA-JAXA Joint Project- 5/23
- U-02** Global Data Sciences in the Big Data Era - Global Data Management and System 5/20

### Space and Planetary Sciences

- P-PS01** Toward future explorations of outer solar system 5/21
- P-PS02** Planetary processes from meteorites and experimental works 5/20
- P-PS03** Rotational motion and inner dynamics of the Earth, Mars and Moon 5/20
- P-PS04** Mars 5/21
- P-EM05** Space Weather 5/20,21
- P-EM06** Mesosphere-Thermosphere-Ionosphere Coupling 5/21,22
- P-EM07** Earth's Dynamical Inner Magnetosphere 5/22
- P-EM08** Space-borne imaging observation of the upper atmosphere 5/20
- P-EM09** Lightning, TLEs and their Atmospheric Effects 5/23
- P-CG10** Instrumentation for space science 5/24

### Atmospheric and Hydrospheric Sciences

- A-AS01** Toward Understanding of interactions between Tropical Cyclones and Ocean 5/23
- A-HW02** Hydroclimate in Asian monsoon region 5/21
- A-CC03** Changes in Northern Eurasia and the Arctic: Their feedbacks to the Globe 5/22
- A-GE04** Subsurface Mass Transport and Environmental Assessment 5/20
- A-CG05** Multi-scale ocean-atmosphere interaction in the tropics 5/24
- A-CG06** Continental-Oceanic Mutual Interaction: Global-scale Material Circulation through River Runoff 5/19

### Human Geosciences

- H-GG01** Global land Project 5/23
- H-GG02** International comparison of landscape appreciation 5/19
- H-GM03** Geomorphology 5/21
- H-SC04** International Human Dimensions Programme 5/23
- H-DS05** Coastal Restoration in Post Tsunami Events; Environmental Effects and Sustainability 5/23
- H-DS06** Landslides and related phenomena 5/23
- H-DS07** Global earthquake and volcanic eruption risks in Asia-Pacific region (G-EVER) 5/23
- H-TT09** GIS 5/20

### Solid Earth Sciences

- S-SS01** Slip to the Trench in Megathrust Earthquakes 5/19
- S-SS02** Earthquake predictability research after the 2011 Tohoku earthquake 5/21
- S-IT03** Earth and Planetary Cores Seen from Multi-disciplinary Approaches 5/21
- S-IT04** Mineral physics and dynamics of deep planetary interiors 5/19
- S-IT05** Origin, evolution, and destruction of oceanic plate 5/21
- S-IT06** Geofluids and their roles in dynamics of the Earth's interior 5/22
- S-CG07** Collision, Subduction, and Metamorphic processes 5/21
- S-CG08** Geodynamics of off-arc volcanism and back-arc opening 5/23
- S-CG09** Deep Carbon Cycle 5/20
- S-CG10** Evolution of continental crust and Project IBM 5/22
- S-TT11** Frontier Researches in Exploration Geophysics 5/21

### Biogeosciences

- B-AG01** Astrobiology: Origins, Evolution, Distribution of Life 5/21
- B-PO02** Biocalcification and the geochemistry of proxies 5/21

### Multidisciplinary and Interdisciplinary

- M-IS01** Atmospheric Electricity 5/23
- M-SD03** Activity of GEO task "Integrated Global Carbon Observation and Analysis System (CL-02)" in Japan 5/22
- M-SD04** New atmospheric and geospace science opened by EISCAT\_3D 5/24

### Special Lectures 5/20-24 13:00 - 13:40

- 5/20 (Mon.) Can Superflares Occur on Our Sun? SHIBATA, kazunari (Graduate School of Science, Kyoto University)
- 5/21 (Tue.) Life born and grown by the Earth KAKEGAWA, Takeshi (Graduate School of Science, Tohoku University)
- 5/22 (Wed.) HIME-diamond: A major spin-off from high-pressure mineral physics IRIFUNE, Tetsuo (Geodynamics Research Center, Ehime University)
- 5/23 (Thu.) Space-Based View of a Changing Climate and its Implications KAYE, Jack (Earth Science Division, NASA Headquarters)
- 5/24 (Fri.) Understanding and Solution of a Problem in Human Geoscience - A Report from Fukushima - KONDOH, Akihiko (Center for Environmental Remote Sensing, Chiba University)

●=Japanese Lecture



Sponsor: *Japan Geoscience Union*

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