

[E] Oral | U (Union) : Union

📅 Thu. Jun 3, 2021 10:45 AM - 12:15 PM JST | Thu. Jun 3, 2021 1:45 AM - 3:15 AM UTC | 🏠 Ch.01 Zoom Room 01

[U-05] Special session for a borderless World of Geoscience (GEOethics)

convener: Hodaka Kawahata (Atmosphere Ocean Research Institute, the University of Tokyo), Brooks Hanson (American Geophysical Union), Takashi Furumura (Earthquake Research Institute The University of Tokyo), Eiichi Tajika (Department of Earth and Planetary Science, Graduate School of Science, The University of Tokyo), Chairperson: Brooks Hanson (American Geophysical Union), Kiyoshi Suyehiro (Japan Agency for Marine-Earth Science and Technology), Hodaka Kawahata (Atmosphere Ocean Research Institute, the University of Tokyo)

This symposium will present the viewpoint of leaders from the major geoscience societies (JpGU, AGU, EGU, AOGS and CGU), which are partner unions, who are also leading scientists representing exciting geoscience fields. The Earth and space science is essential the well-being of the humankind and sustainable environments. Some of the discussion topics will include: How shall we establish more reliance between Earth and planetary science and society? A joint action plan/communique' is a desired outcome of this symposium.

10:45 AM - 11:00 AM JST | 1:45 AM - 2:00 AM UTC

[U05-07] Promoting equality, diversity and inclusion (EDI) in a global forum: benefits of joint borderless actions

★ Invited Papers

*Claudia Jesus-Rydin¹, Helen Graves (1. European Research Council)

11:00 AM - 11:15 AM JST | 2:00 AM - 2:15 AM UTC

[U05-08] The Key Role of Scientific Societies

★ Invited Papers

*Brooks Hanson¹ (1. American Geophysical Union)

11:15 AM - 11:30 AM JST | 2:15 AM - 2:30 AM UTC

[U05-09] Promotion of Earth and Planetary Science by valuing diversity, equality, equity, and inclusion after CONVID-19

*Hodaka Kawahata¹ (1. Atmosphere Ocean Research Institute, the University of Tokyo)

11:30 AM - 12:15 PM JST | 2:30 AM - 3:15 AM UTC

[U05-10] Discussion

Promoting equality, diversity and inclusion (EDI) in a global forum: benefits of joint borderless actions

*Claudia Jesus-Rydin¹, Helen Glaves

1. European Research Council

In the past years scientific societies working in geosciences have stimulated several initiatives to promote equality, diversity and inclusion (EDI). Although significant improvements have been achieved, there is still a lot to do before achieving a fully inclusive environment. Moreover, data shows that COVID pandemic increased inequalities and the future is uncertain in many ways. An essential ingredient is the coordination and synchronisation of our activities and the setting up of a global forum among us. As EDI movements are gaining momentum we must not miss this opportunity.

The goal is to strengthen relations, learn about on-going activities and priorities at our organisations. It is likely that we will identify common challenges and thus benefit from discussing together possible solutions –some of which may benefit from joint actions. Our communities (and ultimately our society) could only benefit from a global initiative jointly promoted by our organisations -- led by a positive and active attitude towards a more inclusive future.

This talk will address the importance of creating a joint EDI forum across partner organisations and benefits of joint borderless actions.

Keywords: Equality, Diversity, Inclusion

The Key Role of Scientific Societies

*Brooks Hanson¹

1. American Geophysical Union

Forming a borderless world of geoscience is critical for benefiting humanity and forming a vibrant sustainable future. Earth, environmental, and space science are critical for many societal challenges and for guiding decisions on these issues. AGU has recently developed a new strategic plan that includes recognition of the need for deeper engagement with society and the public for a sustainable future and expanded partnerships worldwide. We' ll discuss the implications for scientific societies and the broader scientific community and new responsibilities for societies in working with each other and global stakeholders.

Keywords: Scholarly societies

Promotion of Earth and Planetary Science by valuing diversity, equality, equity, and inclusion after CONVID-19

*Hodaka Kawahata¹

1. Atmosphere Ocean Research Institute, the University of Tokyo

We established code of Geoethics in Japan Geoscience Union in 2020. We recognize responsibility and promote fair research. We must not conduct unfair practices such as fabrication, falsification, plagiarism, or concealment/obstruction in research activities. We establish a healthy, sound and sustainable research environment, aiming for an ideal research society without harassment. We do active dissemination and reliable storage of research results in order to promote open science and open data. We disseminate correct knowledge and deep understanding of "Earth and Planetary Science" in order to transmit correct knowledge about earth science and natural disasters to societies. We construct a solid and continuous relationship between nature and science/human society and use specialized knowledge and technology and make much efforts to prevent natural disasters and preserve the global environment. Many problematic phenomena are accelerated by the effects of CONVID-19. 1) Globalization reaction, Blocking movement of people and goods: The movements of people and things are limited, production and consumption are stagnant, and scientific research in the field becomes impossible. 2) Racial disparity, Economic disparity (=Poverty), Obesity: Low income people cannot access health services. Race and income are the biggest drivers of the difference between the most and least affected areas of the New Corona. "Food Desert" is a super-absent area in a metropolis that produces obesity. 3) Fragile Western-style "liberal democracy: Is the strict curfew policy balanced with human rights? 4) Authoritarianism, Home country priority: However, we can overcome these negative sides by promoting diversity, equality, equity, & inclusion. They will be more promoted in research environments. 1) Active Dissemination of correct knowledge: Citizens are provided with sufficient information and knowledge so that they will be conscious of responding as much as possible. 2) Voluntary action: New technologies should be actively used and explored to enable citizens to make more judgments and exercise their power by themselves. 3) Open science & open data: International collaboration should be promoted based upon transparent international cooperation and multiculturalism. 4) Mutual trust and respect.

Keywords: Diversity, Equality, Equity, inclusion, Geoethics

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[U05-10]Discussion