

[JJ] Evening Poster | U (Union) | Union

[U-08]Developing the Future Plan and Road Map for Earth and Planetary Science Research

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This session offers an opportunity for scientists from across the country to discuss what it takes to advance earth and planetary science research. This comes at a time when the Science Council of Japan is preparing to revise the Masterplan for Advancing Major Academic Research in 2020. In order to advance earth and planetary science studies, it is essential to have an action plan that provides the framework for building upon basic and applied research work by individual scientists to further expand the scopes of the studies. Thus, this session aims to engender discussions and ideas that would help further flesh out the Dream Roadmap for Science and Engineering Research as part of the masterplan. Cognizant of the importance of defining steps to reach its goals, the Science Council of Japan has created the masterplan, which includes the roadmap. In earth and planetary sciences, there is a separate roadmap for each of the following: Space and planetary science; hydrospheric atmospheric science; human geosciences; solid earth sciences; and earth life sciences. This segmentation corresponds with how the Japan Geoscience Union subdivides the field. The masterplan 2017 calls for large-scale research projects on 12 different themes. Of those, seven projects were selected for hearings before the Council chose one of them as the Focus large-scale research project. This Union Session kicks off the project to take a close look at the changes that occurred in the field of earth and planetary sciences since 2014 and update each of those roadmaps with the nuts and bolts. The new roadmaps should reflect the large-scale projects being considered in each research segment as well as cross-segment projects. The session should spur ambitious proposals and active discussions about the future of earth and planetary sciences and roadmaps for research in all of the five segments as well as cross-segment research.

[U08-P05]Current status and future vision of the geomagnetism and earth, planetary and space sciences: SGEPPS Future survey working group

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The Society of Geomagnetism and Earth, Planetary and Space Sciences (SGEPSS) future survey working group has been established since 2017 with the goal of surveying and summarizing the current status and future vision of the geomagnetism and earth, planetary and space sciences. The working group, organized by members from SGEPPS subgroups, SGEPPS related committees for international collaboration, and the SGEPPS steering committee, has been summarizing discussion and information provided from the society members. In this presentation, we briefly outline the document of the current status and future vision, and introduce the working group activities.