
[EE] Evening Poster | A (Atmospheric and Hydrospheric Sciences) | A-CG Complex & General

[A-CG36]Satellite Earth Environment Observation

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In recent years, we cannot avoid facing issues on global environmental changes that occur in various spatiotemporal scales. The earth environmental observation data by satellites became the necessary basic data to tackle and solve those issues. Due to the recent advancement in the observation sensor technique and the data processing technique, the satellite observation has been showing rapid progress, and the time is changing from examining the accuracy of the observation sensor data to the advancement of the data application, leading to broaden potential users. In these days application became synergetic, so we comprehensively pick

up this topic in the Atmospheric and Hydrospheric Sciences Session of this Union Meeting that enables to comprise the atmospheric, oceanic and land sciences; by combining the intelligence and the knowledge of the party, we propose a session that aims to prompt further studies towards the issues on earth environmental change, the advancement in the data application and future plans of Earth Observation missions.

[ACG36-P12]Current status of Online Visualization tools on ADS

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Sharing of data has progressed at various fields in recent years, but in scientific fields the data sharing between the researchers has not progressed so much. This is because specialized knowledge and great efforts are required to extract information from scientific data. The same applies to satellite data. A data provider needs to provide the service to reduce such costs, and should make effort to promote the sharing of data. We have developed the web application with which anyone can retrieve information from data easily.

Generally, in order to obtain the information from data, visualization is very powerful method. While this work contains many processes, and it often could not achieve their purpose. Therefore, we developed GUI-based online data visualization application named VISION, which all the researchers can easily operate. It can be expected that VISION facilitates a sharing and understanding the data of various fields, and then the researchers can use the data out of their own fields. In this presentation, we will introduce a structure and function of VISION.