

**S10-3**

**Asia-Oceania Online Users Forum: Himawari-8 Real-time Web Application**

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The Asia and Oceania area is frequently damaged by natural phenomena such as tropical cyclones, torrential monsoons, volcanic eruptions, yellow sand storms, floods, sea ice and wildfires. Roles of real-time monitoring of the climate and environment is thus getting important. In this area, meteorological satellite, Himawari-8, provides us with observational information for disaster prevention and climate monitoring.

Against these background, JMA (Japan Meteorological Agency) launched a new satellite, Himawari-8, in 2014. The big-data yielded by the satellite are processed almost in real-time and gets open through 4 facilities in Japan. The NICT (National Institute of Information and Communications Technology) is one of the four facilities; The NICT Science Cloud (<http://sc-web.nict.go.jp>) plays a central role of crawling, transfer, processing, visualizing and operating visualized data through an web application (Himawari-8 real-time web application; <http://himawari8.nict.go.jp>). This web application works not only on PC (Windows or Macintosh), but on smart-phone or slate PC (Android or iOS). The basic concept of this application is “get real-time climate view anywhere and anytime.” For available uses of this web application for Asia-Oceania people, we need many helps from countries in this area. Multi-language design, data and information exchange, demonstration and auto-reaching, and research works are crucial. We kicked off “The Asia-Oceania Online Users Forum: Himawari-8 Real-time Web Application” to collaborate each other to develop this web application. In the present talk, we first demonstrate our Himawari-8 real-time web application. One may understand that everyone in his/her country can take a real-time view of the Himawari data on his/her PC and mobile-phone anytime and anywhere. Next we solicit all of the attending countries to join the Asia-Oceania Online Users Forum for the Himawari-8 Real-time Web Application. What is expected to members is to translate our application (messages showing up on the terminal) into your native language.