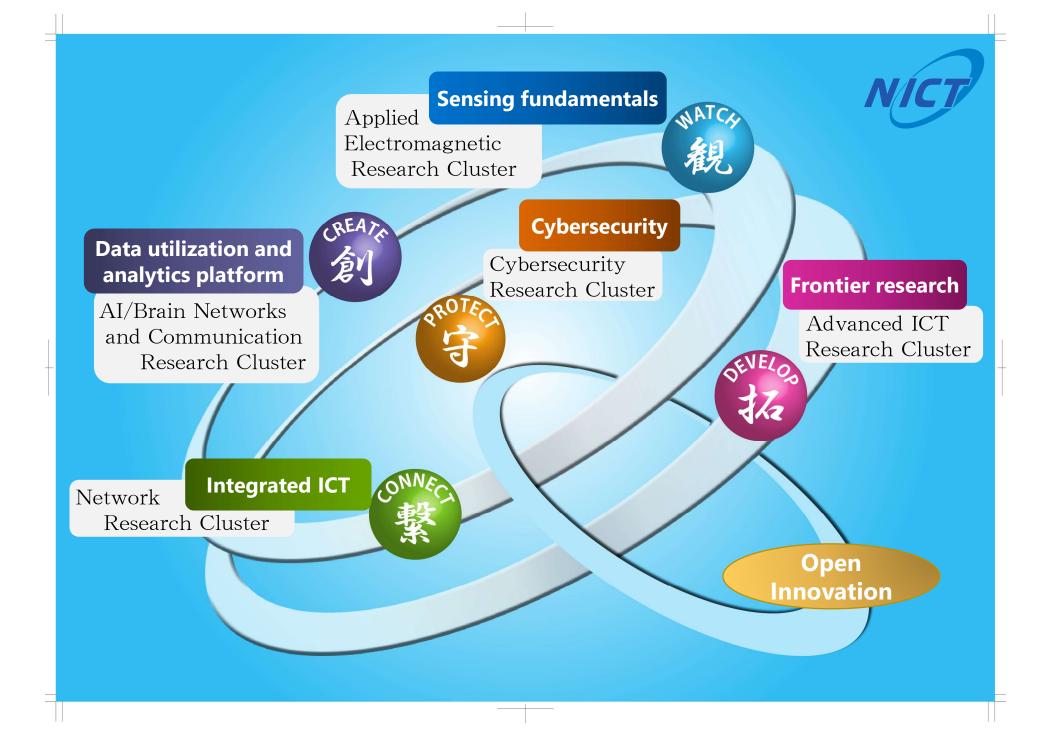
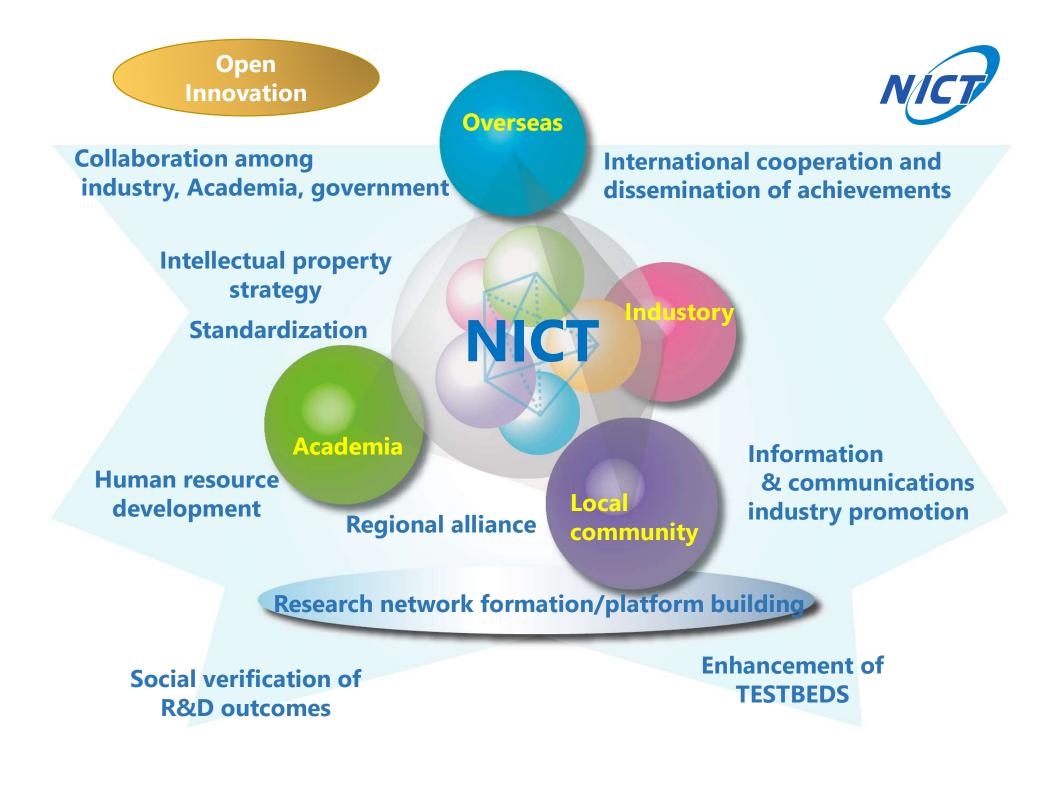


The sole Japan national research institute in the field of ICT

(information and communications technologies)







Contents for Innovfest

VoiceTra HIMAWARI Real-time WEB Space Weather



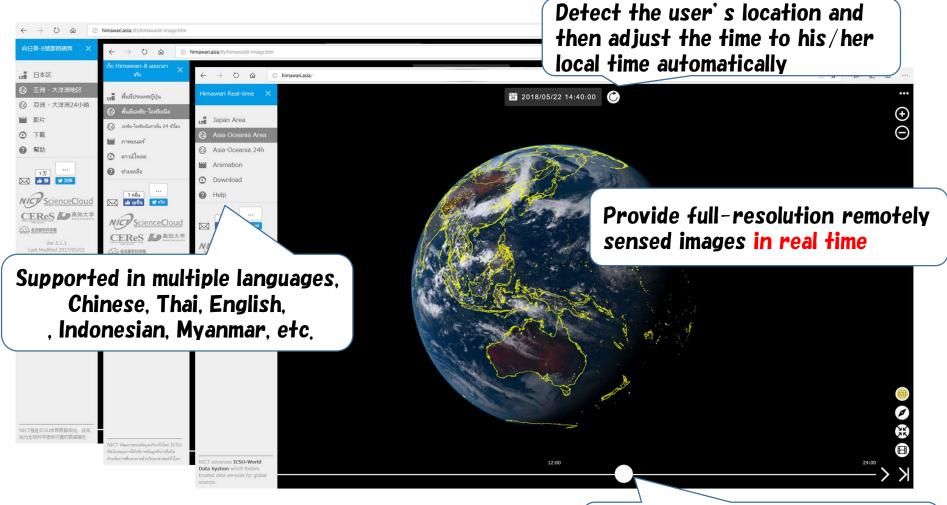
Mission

To break the language barriers of the world

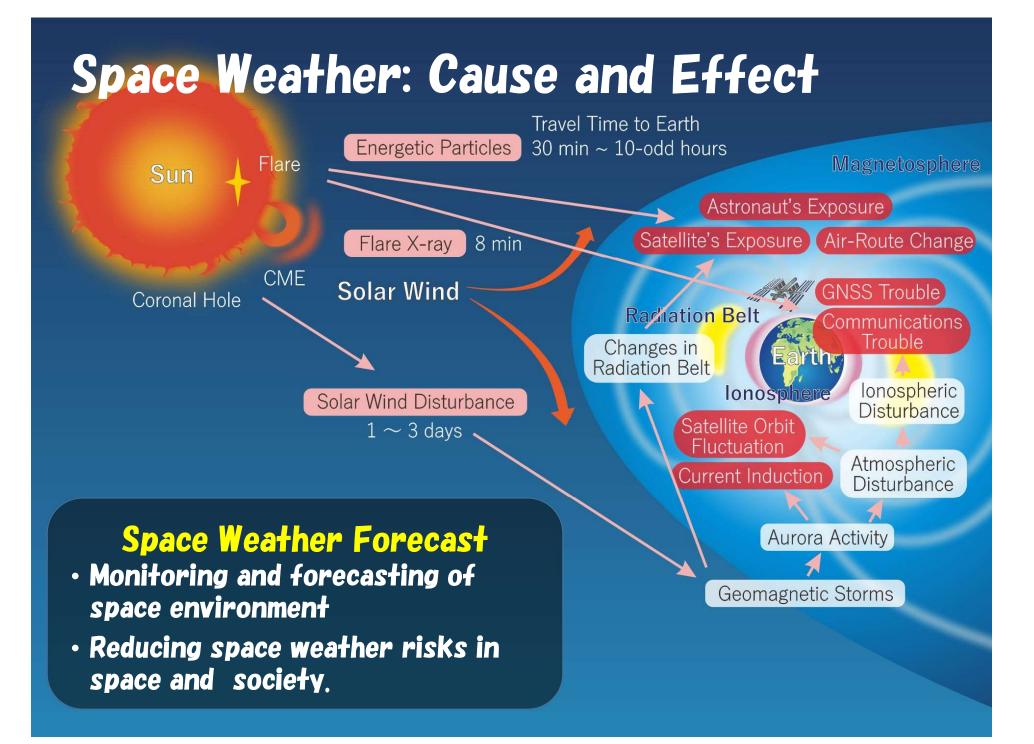
Since 2014, Japan has been pursuing the national project, "Global Communication Project," with the aim of realizing a society without language barriers. ASTREC was established by NICT, a national research and development agency, as a research hub that would play a central role in research and development under the Global Communication Project.



Himawari-8 real-time web



The mirror site of Himawari-8 real-time web: Launched in Thailand in 2017 (http://himawari.ino.nectec.or.th) User can make an animation by moving forwards or backwards automatically



NICT Space Weather Forecast Center

Forecast information and data exchange and sharing among ISES SW forecast center

- Flare forecast
- Magnetic field forecast
- High-energy particle forecast
- HF propagation forecast

Solar activity and space environment are provided via Web, email RSS and FAX. Press release for significant event.

2A- NICT

E-mail subscribers: ~10.000

~16.000/month

Simulation results

Web access:

Domestic users: satellite operator, aviation office and companies, power plant companies, HF telecommunicator / broadcaster, resource survey, Univ. and research institutes, amateur HF operators





ICT Virtual Organization of ASEAN Institutes and NICT



Activities

- Developing common technologies in wide area based on common consideration
- Developing multinational collaborative project

to solve global / local social problems

- Promoting collaborative research by mutual researcher exchange
- Research exchange by global joint workshop etc.

