JAXA's Earth Observation Activities on COVID-19



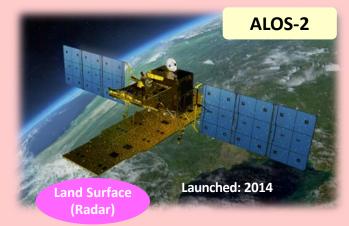


Current JAXA Earth Observation Satellites



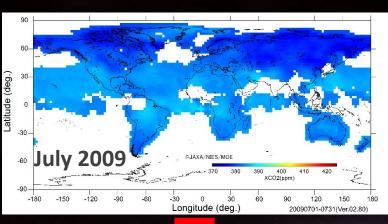


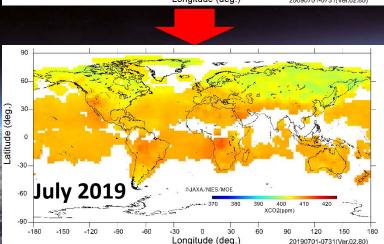
Disaster Risk Management



Watching on Greenhouse gases







Whole-atmosphere monthly mean CO2 concentration based on GOSAT observations — Recent data —

http://www.gosat.nies.go.jp/en/recentglobalghg.html

Monthly mean CO2

August 2019 (August 2018)

CO2 trend

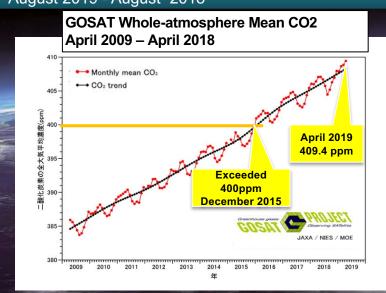
August 2019 (August 2018)

CO2 growth in the past one year August 2019 - August 2018

407.2 ppm(404.5 ppm)

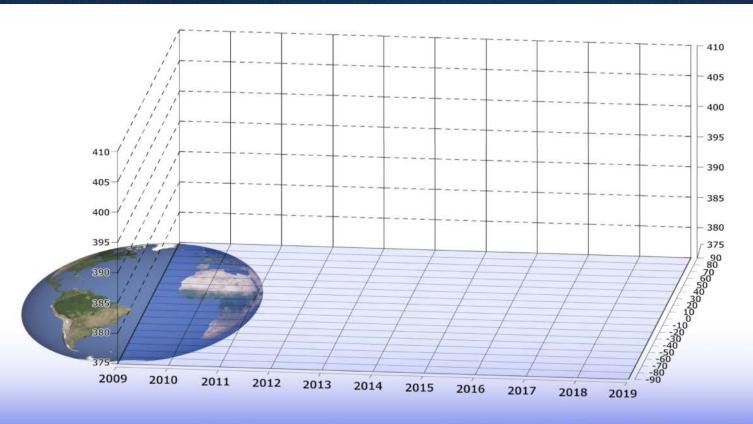
409.0 ppm(406.6ppm)

2.4 ppm/year



A Decade-Long Global GHG Observation by GOSAT





Monthly mean column-averaged CO₂ [ppmv] ©JAXA/NIES/MOE



http://earth.jaxa.jp/en.html





Space Technology Directorate I About the use of data

JAXA support the Sustainable Development Goals

JAXA for Earth

- Earth Data Collection by JAXA Satellites -

To watch over the global environment and human society from space...

This site introduces various aspects of the earth using JAXA's research results and data.

Last Update: 2020-05-01 For Beginners Satellite ▼ Research Field ▼ Application ▼ Area ▼ Others... JAXA Sites 50 Partner's Sites 15

Global Space Apps COVID-19 Challenge



- ✓ NASA, ESA and JAXA are inviting coders, entrepreneurs, scientists, designers, storytellers, makers, builders, artists, and technologists to participate in a virtual hackathon May 29-31 dedicated to putting open data to work in developing solutions to issues related to the COVID-19 outbreak.
- ✓ JAXA provides earth observation data to the hackathon.
 https://www.nasa.gov/press-release/nasa-partners-launch-virtual-hackathon-to-develop-covid-19-solutions



Join us

May 30-31, 2020

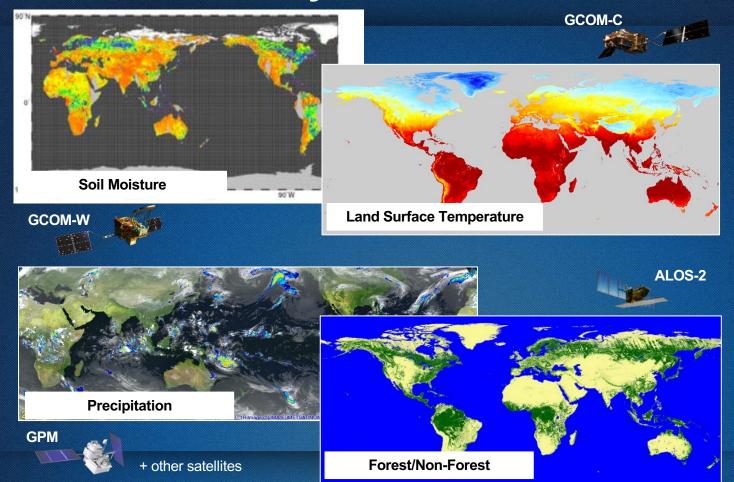
Tackle COVID-19 using data from NASA, ESA, and JAXA in this global, virtual hackathon!



Back up

Global Datasets by Earth Observations





JAXA's Data distribution system: G-Portal



