

Purposes

- 1. Better understand spatial-temporal variations in trace gases, aerosols, clouds, and radiations around Chiba**
 - trace gases: 4AZ-MAXDOAS
 - aerosols: POMs, CIMEL, MAX-DOAS, lidar, PM2.5 inst., etc.
 - clouds: MWR, whole-sky camera
 - radiations: pyranometers, etc.

✂ to be combined with satellite data (H8, OMI, GOME-2, MODIS, etc.)

✂ expected for better interpretation of trend analysis
- 2. Evaluation of pyranometer measurement**
 - test the RasPi-pyranometer system
 - intercomparison of 3 pyranometers
- 3. Evaluation of sky radiometer (POM) measurement**
 - characterization of SVA
- 4. Others**