UNIVERSIDAD DE GRANADA

Grupo de investigación
Física de la Atmósfera
(RNM119)

Servicios

Here you will find a general description of the services offered at AGORA Observational Platform.

The services include:

- Administrative support to comply with internal procedures for accessing facilities (physical).
- Administrative and technical support for providing a workspace for visitors: desk space with computer and internet access, meeting rooms, kitchen and lunch room (physical).
- Administrative support for managing accommodation near UGR and at mountain stations.
- Administrative support and advice for transportation, reception and storage of equipment.
- Technical support at the facility to fulfill visitor needs and constraints related to installation, deployment and operation of equipment: power connections, remote access, storage, security constraints, internet network (physical).
- Technical support to remotely operate AGORA instrumentation (remote).
- Scientific support for supervision and analysis of collected data (physical, remote).
- Unlimited observations and measurements as long as they do not interfere with other projects or instruments availability.

Please, contact us at: @email to clarify questions about services offered at AGORA

1. Campaigns for Aerosol-Cloud Interaction Research

SERVICE DESCRIPTION	Campaigns organized by local research group at urban (UGR) and mountain (SNS, CP) stations for research in aerosol-cloud interaction based on synergistic combination of remote sensing and in-situ techniques. External research groups are invited to bring their own equipment (remote sensing or in situ) in order to get completeness in the essential variables (check AGORA equipment list)

ATMOSPHERE TYPE	Ambient, controlled
TYPE OF ACCESS	Physical and Remote
TARGET USERS	Academia
SERVICE STATUS	The service is available (operational and ready to be offered)
AVAILABILITY PERIOD	All year round
TIME CONSTRAINTS	None

2. Experiments for Aerosol-Cloud Interaction Research

SERVICE DESCRIPTION	Specific experiments performed by using the available equipment at AGORA, combined with external equipment if needed. For example: use of polar nephelometer to study controlled ambient particles.
ATMOSPHERE TYPE	Ambient, controlled
TYPE OF ACCESS	Physical and Remote
TARGET USERS	Academia
SERVICE STATUS	The service is available (operational and ready to be offered)
AVAILABILITY PERIOD	All year round
TIME CONSTRAINTS	None

3. Instrument Testing and Intercomparison Campaigns

TYPE OF SERVICE	Technical service
SERVICE DESCRIPTION	Intercomparison campaigns. Comparison with AGORA instruments that follow ACTRIS protocols, in situ, remote sensing at urban (UGR) and mountain (SNS, CP) conditions.
ATMOSPHERE TYPE	Ambient, controlled
TYPE OF ACCESS	Physical
TARGET USERS	Academia
SERVICE STATUS	The service is available (operational and ready to be offered)
AVAILABILITY PERIOD	All year round
TIME CONSTRAINTS	None

4. Young Scientists Training

TYPE OF SERVICE	Training service
SERVICE DESCRIPTION	Training through research of: a) operation and calibration techniques of remote sensing and in situ instrumentation available in AGORA b) algorithms for retrieval physical magnitudes from remote sensing instrumentation (LIRIC, GARRLIC, POLIPHON). This training can be performed by remote access
ATMOSPHERE TYPE	Ambient, controlled

TYPE OF ACCESS	Physical and Remote
TARGET USERS	Academia
SERVICE STATUS	The service is available (operational and ready to be offered)
AVAILABILITY PERIOD	All year round
TIME CONSTRAINTS	None

5. Training for Companies

TYPE OF SERVICE	Training service
SERVICE DESCRIPTION	Operation, calibration and exploitation of scientific instrumentation related to aerosol, cloud and meteorological information applied to industry. Like Doppler Lidar wind information applied to unmanned aviation.
ATMOSPHERE TYPE	Ambient
TYPE OF ACCESS	Physical
TARGET USERS	Private sector
SERVICE STATUS	The service is available (operational and ready to be offered)
AVAILABILITY PERIOD	All year round

TIME CONSTRAINTS	None

6. Support to private innovation

TYPE OF SERVICE	Technical service
SERVICE DESCRIPTION	Test, intercomparison and benchmarking services of technology from private to enhance innovation. For example: study, with the help of AGORA, in situ equipment, of impact of aerosols on new materials, properties of aerosols key for health industry, detection of hazardous aerosol particles.
ATMOSPHERE TYPE	Ambient
TYPE OF ACCESS	Physical
TARGET USERS	Private sector
SERVICE STATUS	The service is available (operational and ready to be offered)
AVAILABILITY PERIOD	All year round
TIME CONSTRAINTS	None