

Discussion on GRUAN outreach: materials, webinars and training activities

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(CNR)

Flyer, Brochure, pptx template, Poster, promotional Video

Activity started in fall 2023, carried out within the limits of the available time by myself, Fabio and, above all, by our CNR colleague Nicola Afflitto

- Flyer: single page
- Brochure: trifold
- Presentation pptx template
- Poster template (A0 and 70x100)

GRUAN Promotional Video

- Old version (2016) available on YouTube lasts 12 minutes
<https://t.ly/Je7oe>

Idea is to have:

- A shorter video (around 5-10 minutes)
- Updated content (to reflect the current status and mission of the network)

The post-production work will be internally handled at CNR by Nicola Afflitto, who kindly made his skills/passions available

GRUAN Promotional Video

Contents:

Request for photo/video contributions to TT Sites (June 2023):

Contributions from Cabaw, Boulder, Beltsville, Tenerife.

Request for video contributions to selected Sites (January 2024):

Received very good material from Ny Alesund, Tateno and Minamitorishima.

More to come from Beltsville, Sodankyla....others?

On Monday 11 and Thursday 14 - Thank to Michael Sommer who gently offered his availability to shot 4 video interviews which will be edited into

GRUAN Promotional Video

Interviews:

1. What is the GRUAN mission? What is a reference network?
(Ruud Dirksen)
2. Why do we need a reference network for the upper-air measurements?
(Marion Maturilli)
3. What is the impact on the global observing networks?
(Peter Thorne)
4. What is the value of GRUAN for the satellite validation and modelling evaluation?
(Arnoud)

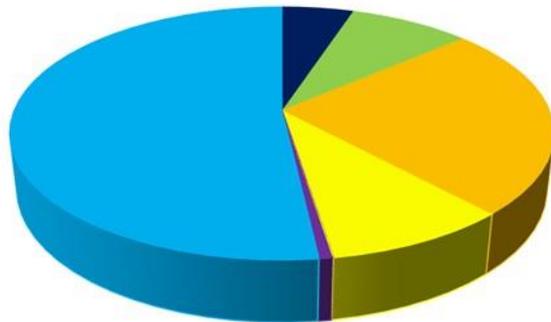
As part of the ECMWF C3S2_311_Lot2 contract (coordinated By Fabio for the CNR-IMAA) WP4 (Lead: Monica Proto – CNR-IMAA) a series of three webinars have been arranged on the usage of in situ measurements data, with a focus on reference measurements data:

1. *Atmospheric chemistry and physics: the ozone* – Martine De Maziere (BIRA-IASB), Elizabeth C. Weatherhead (the University of Colorado and Jupyter intelligence) - 3rd May 2023 – 140 participants
2. *Near-surface and upper air climate data* – A. Merlone (INRiM), P. Thorne (Maynooth University) - 10th May 2023 – 182 participants
3. *Total column water vapour* – June Wang (University of Albany) - 19th May 2023 – 147 participants

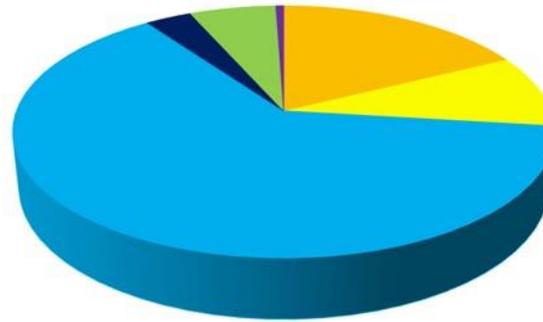
Other webinars e training courses will be organised.

The plan is also to arrange a short course at EGU 2025 on reference measurements

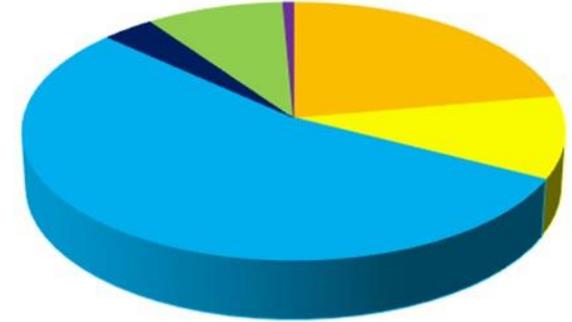
Atmospheric chemistry and physics



Near-surface and upper air climate data



Total column water vapour

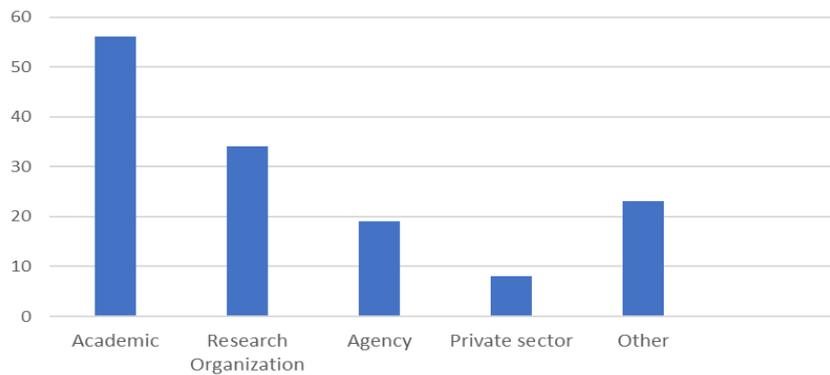


■ Africa ■ ASIA ■ Europe ■ North America ■ South America ■ Oceania

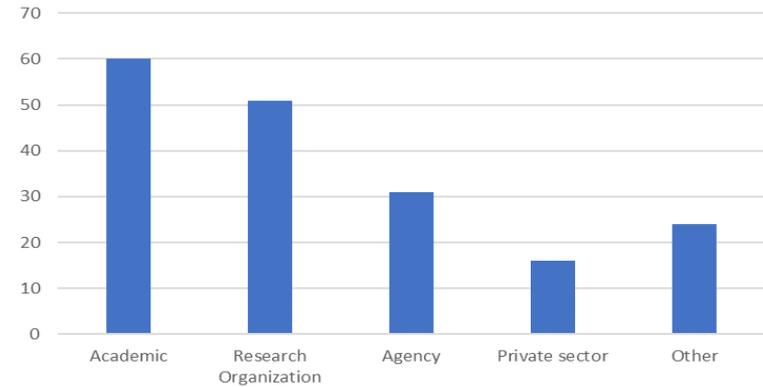
Webinars - Distribution of the attendees by country for each webinar

Update of GRUAN outreach material - Webinars

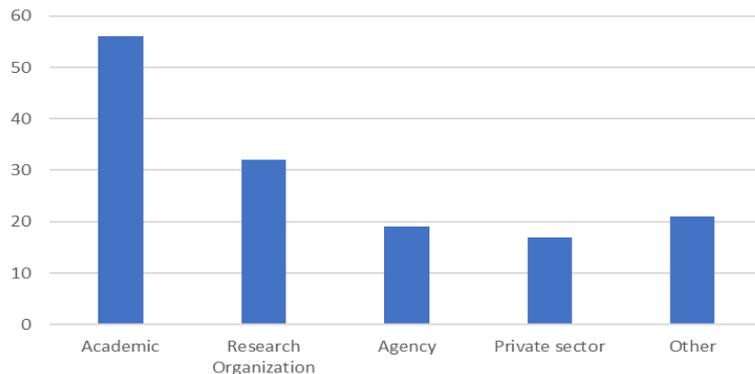
Atmospheric chemistry and physics



Near-surface and upper air climate data



Total column water vapour



Webinars - Distribution of attendees by organisation type for each webinar

To perform specific experiments the support of Research Infrastructures can be exploited

ACTRIS offers financial support for access (travel and accomodation) to its facilities and services for conducting research and observations, experiments in controlled or ambient atmospheres, and training.

To date access though **TNA** (Trans-National Access) – H2020/HE project based:

- ACTRIS-IMP (2020-2023): 11 facilities – now ended
- ATMO-ACCESS (2021-2025) 66 facilities (<https://www.atmo-access.eu/facilities/>)

Last chance – 7th call – deadline 3 April 2024 for access starting form June 2024

Weaknesses of TNA access scheme:

- Competitive access selection
- Stringent eligibility criteria by the EC
- requires effort in filling out forms and reports on both users and providers

ACTRIS designed special access procedures dedicated to private sector users, public authorities, ***international networks and stakeholders***, ensuring a tailored approach to foster accessibility and collaboration.

A straightforward process is in place for international networks to which ACTRIS contributes (AERONET, EARLINET, GAW, CLOUDNET, etc.) and international stakeholders (space/environmental agencies).

A tailored access scheme can be negotiated between GRUAN and ACTRIS.

Informal discussion already started to negotiate an agreement.
GCOS Sec. and GRUAN WG will be involved