# IDS news

IDS AWG, Athens, November 6-7, 2025

IDS website: new version

New version published in May

- New structure to make the website clearer to users
- Six sections: IDS, Network & Station, Missions & System, Data & Products, User corner, Resources
- No more than 2 levels (section > level 1 > level 2)
- Redirections from a selection of previous URLs
- Some new features: day convertor, maps of visibility circles and tracks, …
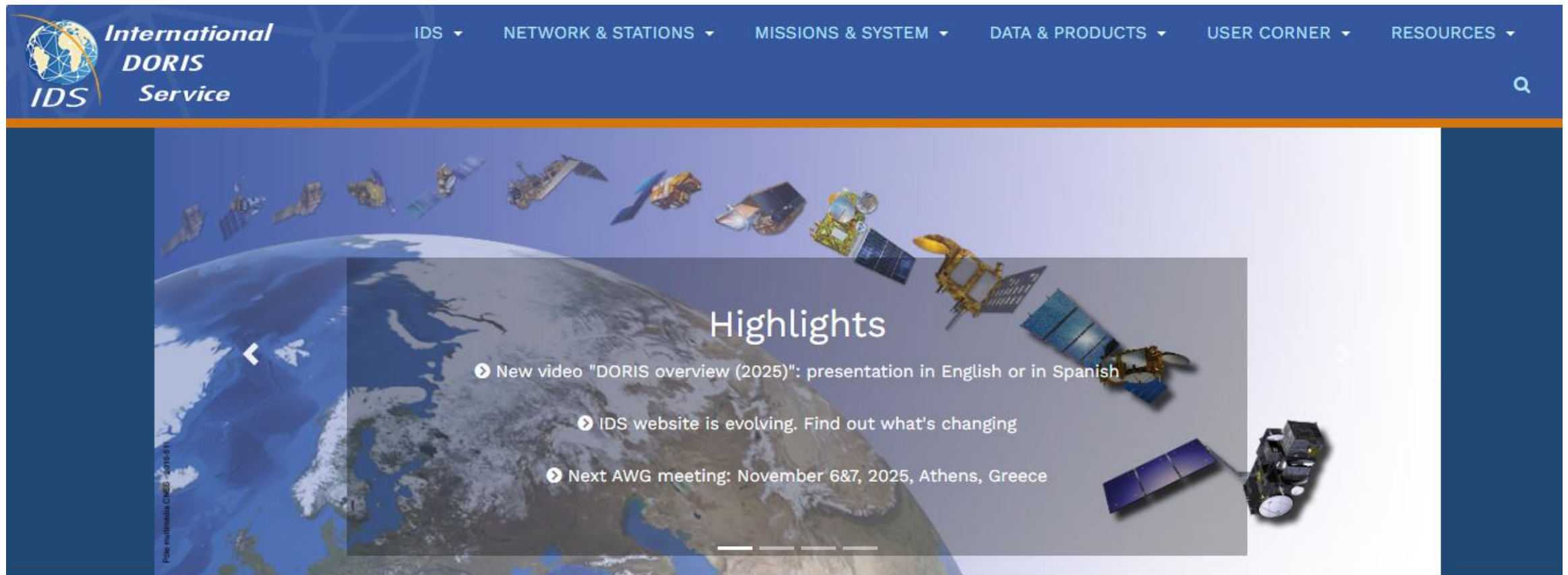
IDS website: new sections in FAQs

STATIONS

- **Short life stations**
    - Temporary station before 1993.0
    - Early years campaign stations
    - Not permanent station after 1993.0
    - Abandoned sites of the permanent network
    - First equipment before 1993

- Ground station's USO warm-up period

SPACE SEGMENT

- **Tandem phases**

- **Orbit changes**

- On-board instrument's USO warm-up period

Home > Resources > FAQ
https://ids-doris.org/resources/faq.html

Data: dissemination in preparation

Extrapolated orbits
-j to j+4
-all the missions
-sp3 « improved » (precision extended with one digit in 'P' and 'V' blocks)
-using an IDS name: ex. exts6b30.b25289.e25292.D__.sp3.Z
-distribution at IGN and CDDIS

Rinex « NRT »
-industrialization of the production line underway; completion at the end of Q1 2026
-using an IDS name: ex. ja3rx20250715_111225_20250715_130308
-distribution at IGN (done) and CDDIS (from April 2026 at the soonest)

Swot quaternions and solar panels:
To be distributed at CDDIS

Sentinel-6B data:
-RINEX, RINEX NRT, MOE ext, mass, man, att + CNES POE (and extrapolated orbits)
-Quaternions will be available at ESA (no solar panel)

Products

New orbits series provided by GSFC for reference altimetry missions:
GSC std2400 orbits
Available at DCs and referenced with DOI: 10.24400/312072/i01-2025.001

GSC std2400 orbits

The std2400 orbits are SLR+DORIS-based orbits for the TOPEX/Poseidon, Jason-1, Jason-2, Jason-3 and Sentinel-6A satellites computed by NASA/GSFC Analysis Center for IDS using the std2400 POD standards.

These precise orbits are in the sp3 format (see description at this page) and are available at IDS Data Centers. The conventions of the Copernicus POD group regarding the format of the sp3 files for these LEO satellites is applied. The satellite position field is written out with the format" (4x,3f14.7). This provides extra precision for the position down to 0.1 mm for Low Earth Orbit (LEO) satellites.

IDS 16 - Contribution to ITRF2020

GSC std2400 orbits

DOI, metadata and licence

This product is referenced with a DOI: 10.24400/312072/i01-2025.001

More metadata

Licence: [cc BY]

Product access

The product (zipped SP3 files gsc*sssVV*.b*XXDDD*.e*YYEEE*.D_S.sp3.*LLL*.Z; see naming convention) can be freely downloaded at the CDDIS HTTPS server or via the non authenticated IGN FTP site (ftp://doris.ign.fr/pub/doris/products/orbits/gsc/ ; note that the FTP protocol may not be supported by your browser, the alternative is to use a FTP client such as WinSCP, FileZilla, MobaXterm).

DISCOVER IDS
Organization
Table of Data & Products
Bibliography
Newsletter
IDS video channel
Presentations at IDS meetings
Technical documents
Collection Activity reports
Collection IDS products
Collection Technical notes
Collection Workshop abstracts

DISCOVER DORIS
The DORIS technique (AVISO+ website)
The satellites
The network
The stations (sitelogs)
Network on Google Earth

DORIS SYSTEM MONITORING
Table of system events
Visualize products time series
POE statistics
Network viewer

Citation

If you use the product, please cite: "The std2400 orbits for TOPEX/Poseidon, Jasons 1,2,3 and Sentinel-6A is produced by NASA Goddard Space Flight Center, Greenbelt, Maryland, U.S.A, and distributed by the International DORIS Service (DOI: 10.24400/312072/i01-2025.001)"

+ Contacts, Aknowledgement, References

Documentation

New document:
- **List of stations with external time and frequency references**

    ids-doris.org/documents/BC/stations/DORIS_external_time_frequency_references.txt

In preparation:
- **Characteristics for POD processing for HY-2D**
- planned for Sentinel-3A&B

DOI assigned to:
- DORIS satellites models implemented in POE processing ([10.24400/312072/i04-2025.001](10.24400/312072/i04-2025.001))
- DORIS system ground segment models ([10.24400/312072/i04-2025.002](10.24400/312072/i04-2025.002))
- Next ? priority to be defined

User requests

Vassiliki Krey (NTUA) is looking for:

- a collaboration to work on modeling radiation pressure forces (SRP and ERP)

- outputs of acceleration calculations performed by the Analysis Centers, to serve as reference sets.

IDS on LinkedIn

@ids-doris

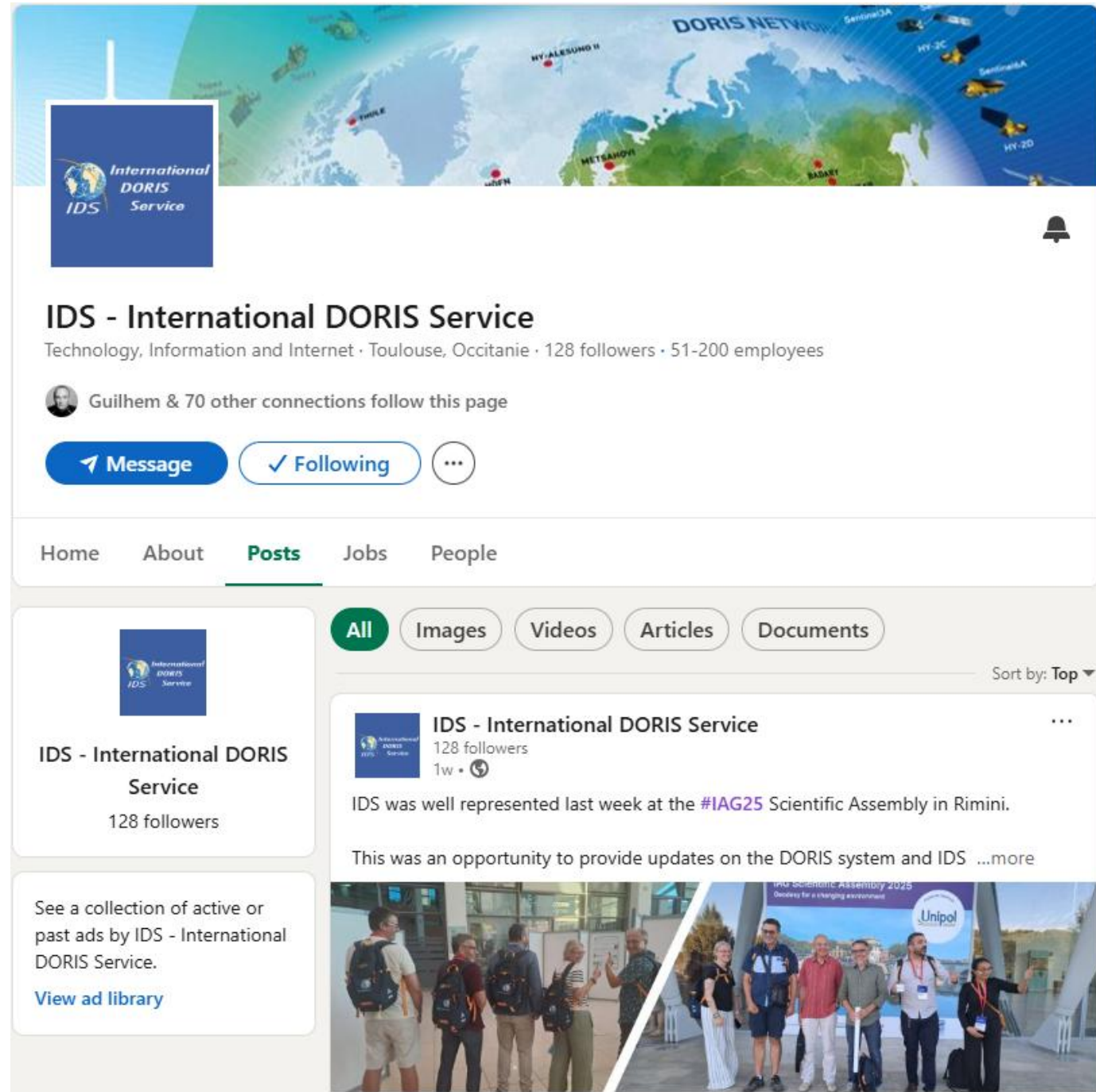https://www.linkedin.com/company/ids-doris

Created on June 20
Admin: Central Bureau

Posts:
- IDS on LinkedIn (Aug. 29)
- DORIS days (Aug. 29)
- IDS at IAG (Sep. 10)

142 followers

For your posts related to IDS or DORIS, use: #idsdoris

What's next

Next DORIS mission:

Sentinel-6B on November 17, 2025 then HY-2E and Sentinel-3C in 2026.

Next IDS event:

IDS Workshop in conjunction with OSTST Meeting 2026 in **Wiesbaden, Germany, 22-26 June**

Next IDS Activity report:

Call will be sorted out in January 2026. **Contributions expected from all IDS components!**

NB:

o   IDS activity report 2024 published in July. Thank you to all contributors!

o   DOI have been assigned to all the IDS AR.

Next IDS Newsletter

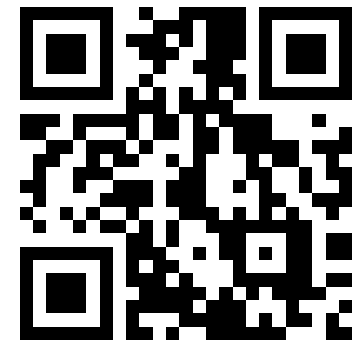**Contributions are welcome**. Contact the Central Bureau.

The presentations of the AWG meeting will be available on IDS web:

Home > Resources > Presentations > Presentations at IDS meetings

Web: ids-doris.org

Contact: ids.central.bureau@ids-doris.org

DORIS Days 2025

Two days of lectures and hands-on sessions on November 3 & 5
Organizing committee: Maria Tsakiri, Xanthos Papanikolau, Karine Le Bail, Guilhem Moreaux, Laurent Soudarin

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Monday, 3 November *(second half of UTC day)*
Introductory and advanced presentations on the DORIS system, IDS, precision applications, and associated tools and products.
Venue: online only
Speakers: K. Le Bail, G. Moreaux, P. Stepanek, C. Manfredi, JM. Lemoine, L. Soudarin


Wednesday, 5 November *(full day, on site and online)*
Introduction to handling and processing DORIS data, with theoretical lectures and guided practical sessions using Jupyter Notebook.
Venue: School of Rural Surveying & Geoinformatics Engineering, NTUA

Speakers: X. Papanikolaou (Jupyter notebook developments with D. Anastasiou), E. Schrama, S. Nahmani, J.M. Lemoine, A.Pollet

DORIS Days 2025

from Seattle to Sydney
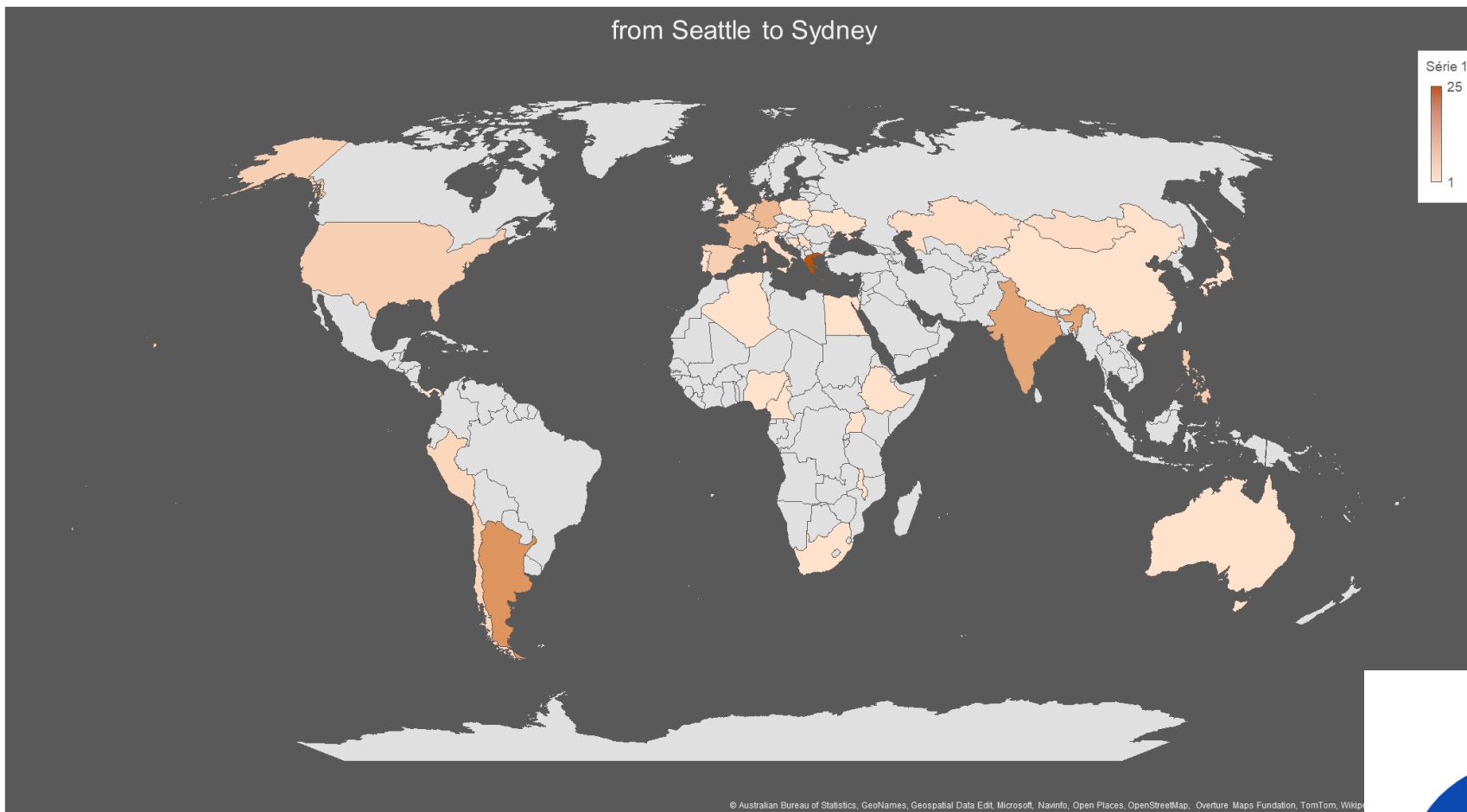
Country		Country	
Greece	25	Algeria	1
Argentina	14	Australia	1
India	11	Austria	1
Germany	8	Bosnia and	
France	7	Herzegovina	1
Belgium	5	Cameroon	1
Philippines	5	China	1
Spain	4	Egypt	1
USA	4	Ethiopia	1
Chile	3	Japan	1
Netherlands	3	Malawi	1
Peru	3	Nigeria	1
Italy	2	Panamá	1
Kazakhstan	2	Poland	1
Mongolia	2	Portugal	1
Serbia	2	South Africa	1
		Switzerland	1
		Uganda	1
		Ukraine	1
		UK	1

Total

What is your activity?

- Commercial
- Education (professor, associate, ...)
- International Organisation
- National Institution
- Private Individual
- Researcher
- Student (Master, PhD, ...)
- (vide)

121 registered from 35 countries

Attendees: Monday ~80

Wednesday ~40 online, 25 on site