

Continued,
enhanced ocean altimetry
and climate monitoring
from space

31 October > 4 November 2022

IDS workshop
OSTST meeting



Venice - Italy



<https://ostst-altimetry-2022.com/>

The International DORIS Service: status report

Laurent Soudarin (CLS, France), Pascale
Ferrage (CNES, France)



Since the last time we met...

IDS meetings

- Latest IDS workshop organized in Ponta Delgada, Azores, September 2018
- IDS Workshop 2020 postponed (once, twice, ...) up to today
- 4 meetings on the DORIS Analysis Working Group, 2 in 2019 (Munich, Paris), 3 online (2020, 2021, 2022)

IDS components

Analysis Centers:

Since 2020, Arnaud Pollet and Samuel Nahmani have been leading the IGN/DORIS Analysis Center activities following the retirement of Pascal Willis.

Associate Analysis Centers:

DGFI-TUM is the 4th AAC. Its application to become an Associate Analysis Center was approved by the IDS Governing Board at its meeting on October 1st, 2019

IDS organization

- Elections end 2018
Analysis Coordination: Hugues Capdeville (CLS) and Petr Stepanek (GOP)
1st Member at large: Claudio Abbondanza (JPL)
- Elections end 2020
Data centers' representative: Patrick Michael (NASA/GSFC)
Analysis Centers' representative: Frank Lemoine (NASA/GSFC)
2nd Member at large: Karine Le Bail (Chalmers University of Technology)

Tonie van Dam: IERS representative

Ernst Schrama: IAG representative

- Elections end 2022 (in progress): Analysis Coordination, 1st Member at large

IDS activities

- Contribution to ITRF2020

The IDS 16 series produced by the IDS Combination Center is referenced with a DOI: [10.24400/312072/i01-2021.001](https://doi.org/10.24400/312072/i01-2021.001)

(see the dedicated session)

- DORIS days 2021

The IDS organized online “DORIS Days” on November 16, 17 and 18, 2021.

This event was an introductory course to give non-practitioners in DORIS the opportunity to broaden their knowledge on the DORIS technique as well as on the use of the IDS routine products.

Mix of online presentations (PPT or PDF), pre-recorded interviews, videos, video tutorials, slide-show.

IDS publications

- Activity reports 2019-2020 and (coming soon) 2021
- Newsletters
(Feb. 2019, Jan. 2020, Dec. 2020, Sep. 2021)
- New videos on IDS Youtube channel



 <p>4:49</p>	 <p>3:54</p>	 <p>8:32</p>	 <p>6:40</p>
SENTINEL-6 Michael Freilich (JASON-CS)	HY-2C 29 vues · il y a 7 mois	Application of DORIS for the geocenter	Focus on some specific features of the DORIS system

In progress

Call for hosting one IDS station

Purpose: call for expressions of interest in hosting a DORIS “IDS Station”.

A call for proposal sent out on **April 27**

An “IDS station” is distinct from the general network dedicated to “orbitography” or “orbit determination” and can have a specific scientific focus.

There is one IDS station at the Geodetic Observatory Wettzell (Germany)

7 proposals and 1 letter of intent received: Europe, Latine America, Asia

2 selected for technical analysis by CNES

→ Selection process in progress, 1 unique site will be choosen

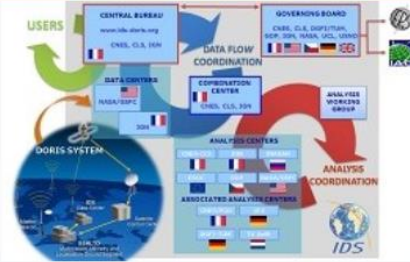
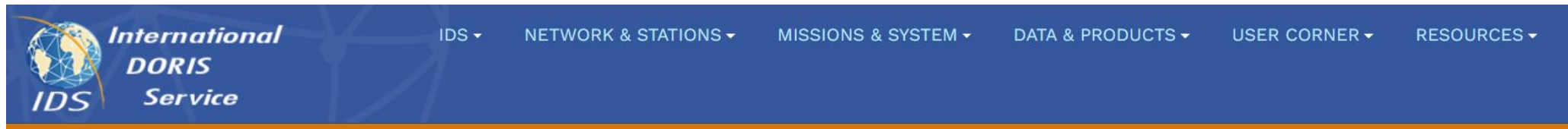
IDS Governing Board Elections

- **2 positions to be renewed within the Governing Board for 2023-2026:**
- **Analysis coordinator** (currently a tandem: Hugues Capdeville & Petr Stepanek)
- **Member-at-large** (currently Claudio Abbondanza)

Calendar

- October :
 - election announcement
 - call for candidates
 - IDS Associates propose candidates
 - The nominating committee will collect the nominations, contact the potential candidates, check the applications and ensure that at least two candidates are proposed for each position.
- December: vote by the IDS Associates
- January 2023: start of 4-yr term for the two new elected members

Website revised (coming soon)



IDS

Organization of the service, meeting calendars, contact and links, photo gallery.



Network & Stations

Ground network, stations, sitelogs, maps, network viewer, station events.



Missions & System

The DORIS technique and the satellites, system events.



Data and products

Access to data, products, information.



User corner

Documents for users (beginner, competent, expert), plottools of the webservice.



Resources

Technical and IDS documents, bibliography, presentations, newsletter, outreach, mails.

Forthcoming events

DORIS special issue (in preparation)

DORIS on SWOT. Launch is targeted for early December.

IDS will turn 20 years on July 1st 2023!

Special thoughts for

- Richard Biancale (Feb. 2019)

Richard has been a leader of CNES/ GRGS team, he participated in many DORIS AWG meetings, supporting the contribution of IDS to the ITRF, serving on the IDS Governing Board,



- Michel Lefebvre (July 2019)

one of the fathers of the DORIS system, and pioneer of satellite radar altimetry



Change in the organisation of the IDS

Pascale Ferrage changes of activity and is replaced by Arnaud Selle as CNES/IDS project manager and representative of the DORIS system within the IDS.

Warm and friendly welcome to Arnaud!

Many thanks to Pascale for 13 years of involvement in the organization and animation of the IDS, the dissemination of CNES data to the IDS, the communication actions, ...

Pascale, it was a great pleasure to work with you.