Expanding Altimetry outreach

A few highlights of 2016-2020 activities

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Trainings: activities in expansion

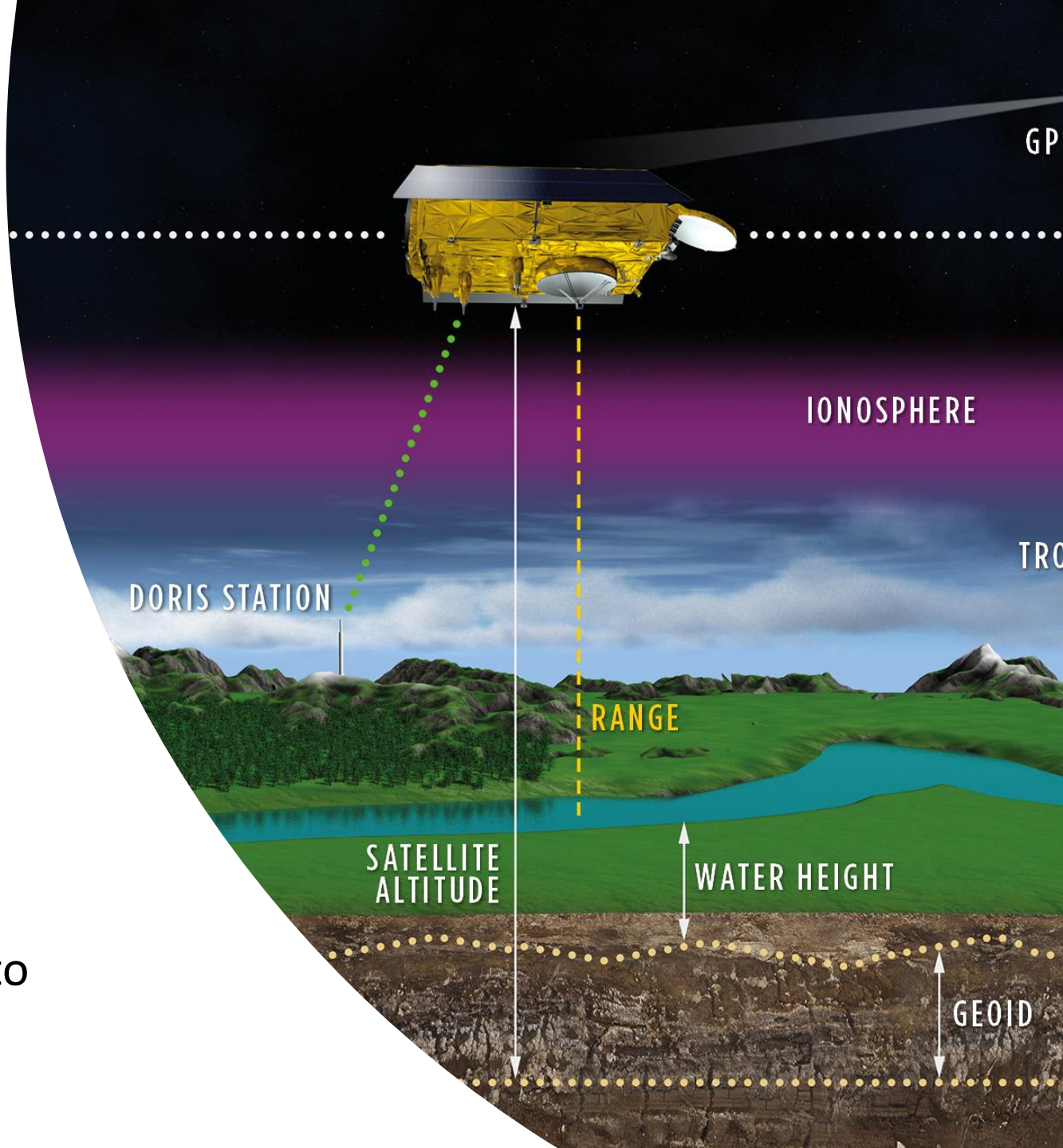
- EU ‘Copernicus’ program has a strong requirement on training users
  - Eumetsat for L2 data (Copernicus Marine Data Service)
  - CMEMS, C3S for L3-L4 data
  - etc.

➔ An activity in development, even if the altimetry data side is not always well represented or sometimes is not represented at all.

- iPython notebooks “the” support for practical these days

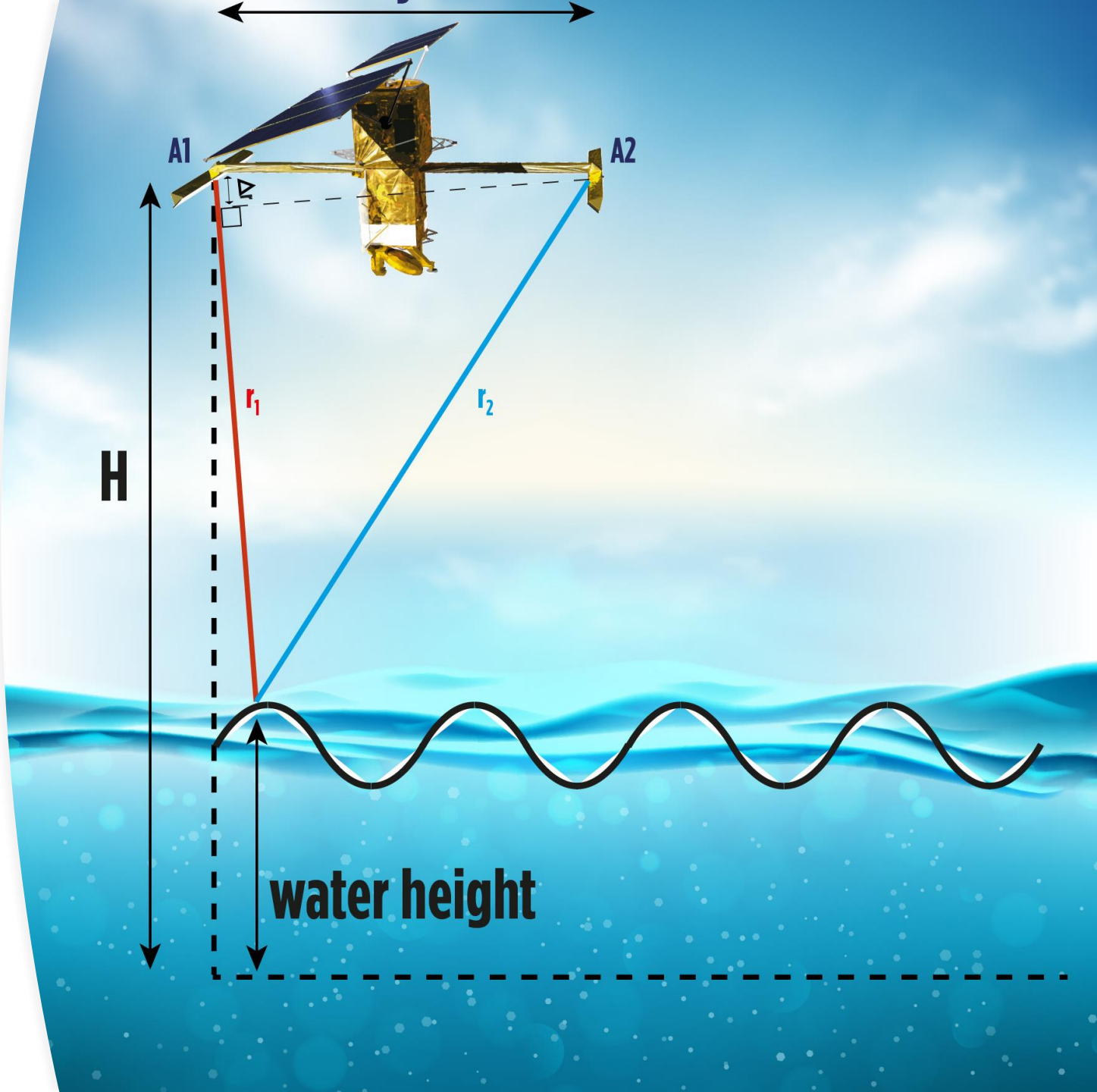
A focus on altimetry for hydrology

- A pdf document on altimetry for hydrology online in four languages on Aviso web site
- Slides currently finalized (technique, missions, example uses)
- expanding of the dedicated application section on Aviso web site
- Also slides on hydrology from space, enlarging to all space-born techniques to study the freshwater on Earth (soon available)



Preparing SWOT outreach

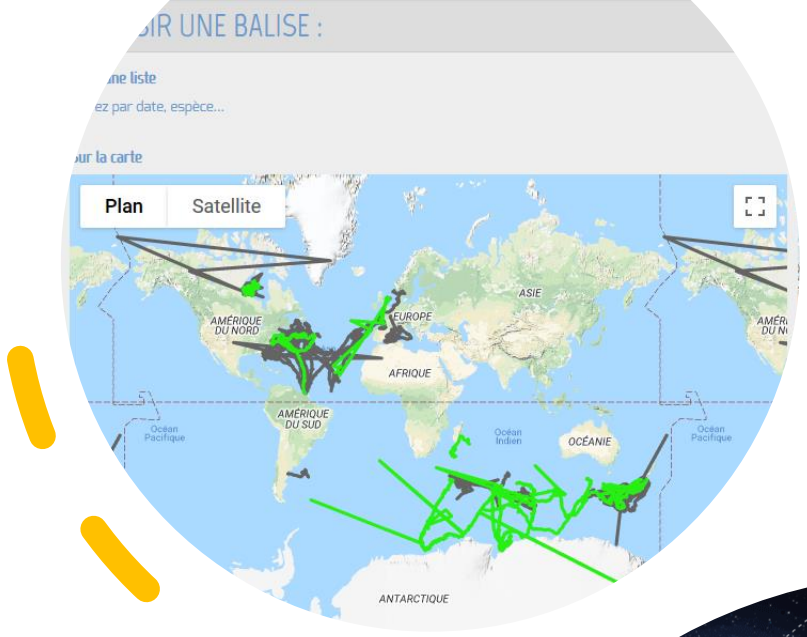
- A new technique with new applications & scientific uses
- Series of slides to explain it, with dedicated schemes, some animations
- Videos posted – on the different products available

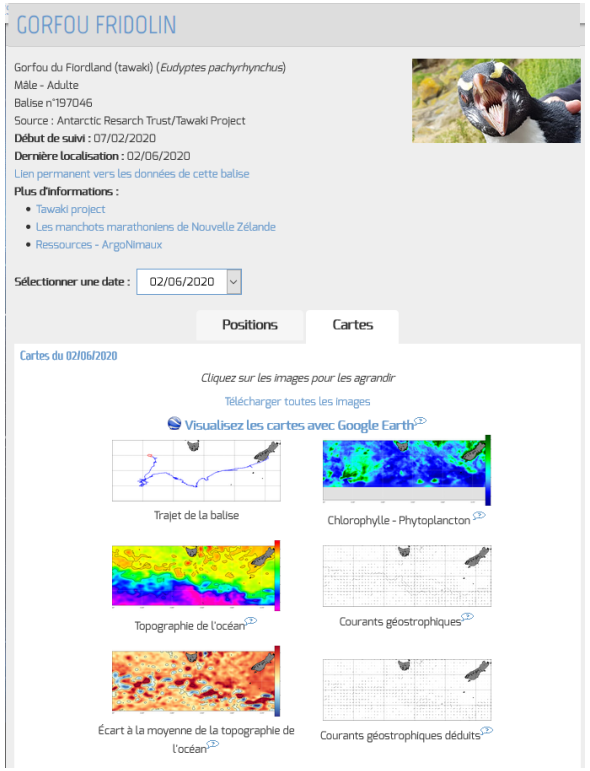


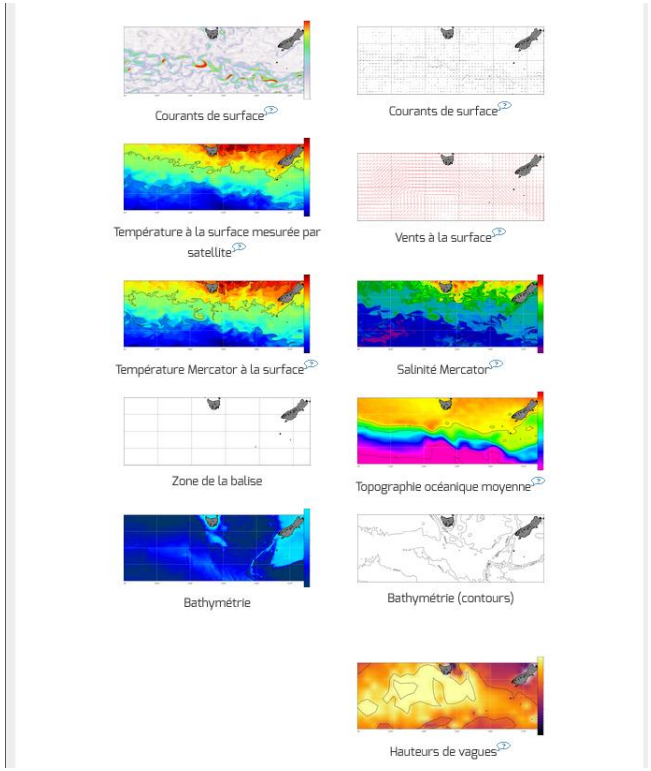
Argonautica cont’d & expanded

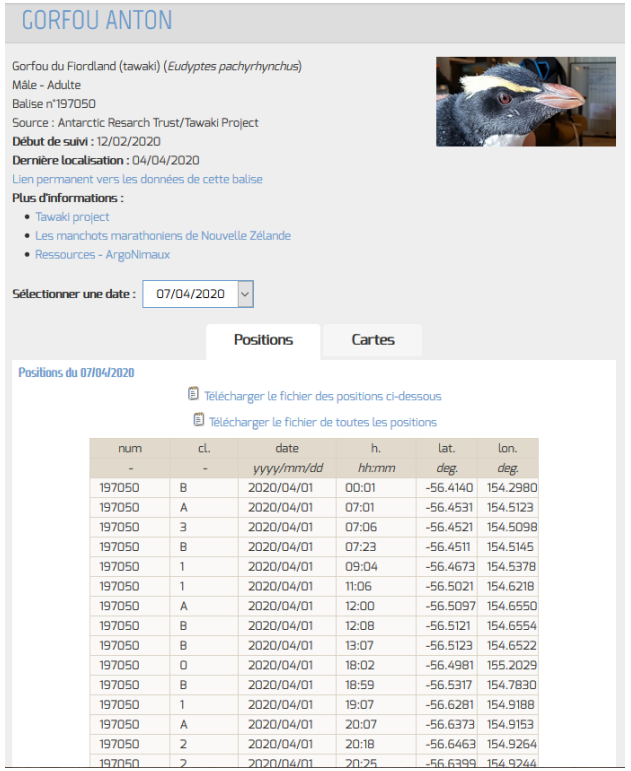
Argonautica Cnes educational project is continuing its development, with:

- New map processing
- New section to provide with tips and tricks to exploit the provided data
- New use cases using the full 20 years of data available within the project









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-	-	yyyy/mm/dd	hh:mm	deg.	deg.
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197050	A	2020/04/01	07:01	-56.4531	154.5123
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197050	B	2020/04/01	07:23	-56.4511	154.5145
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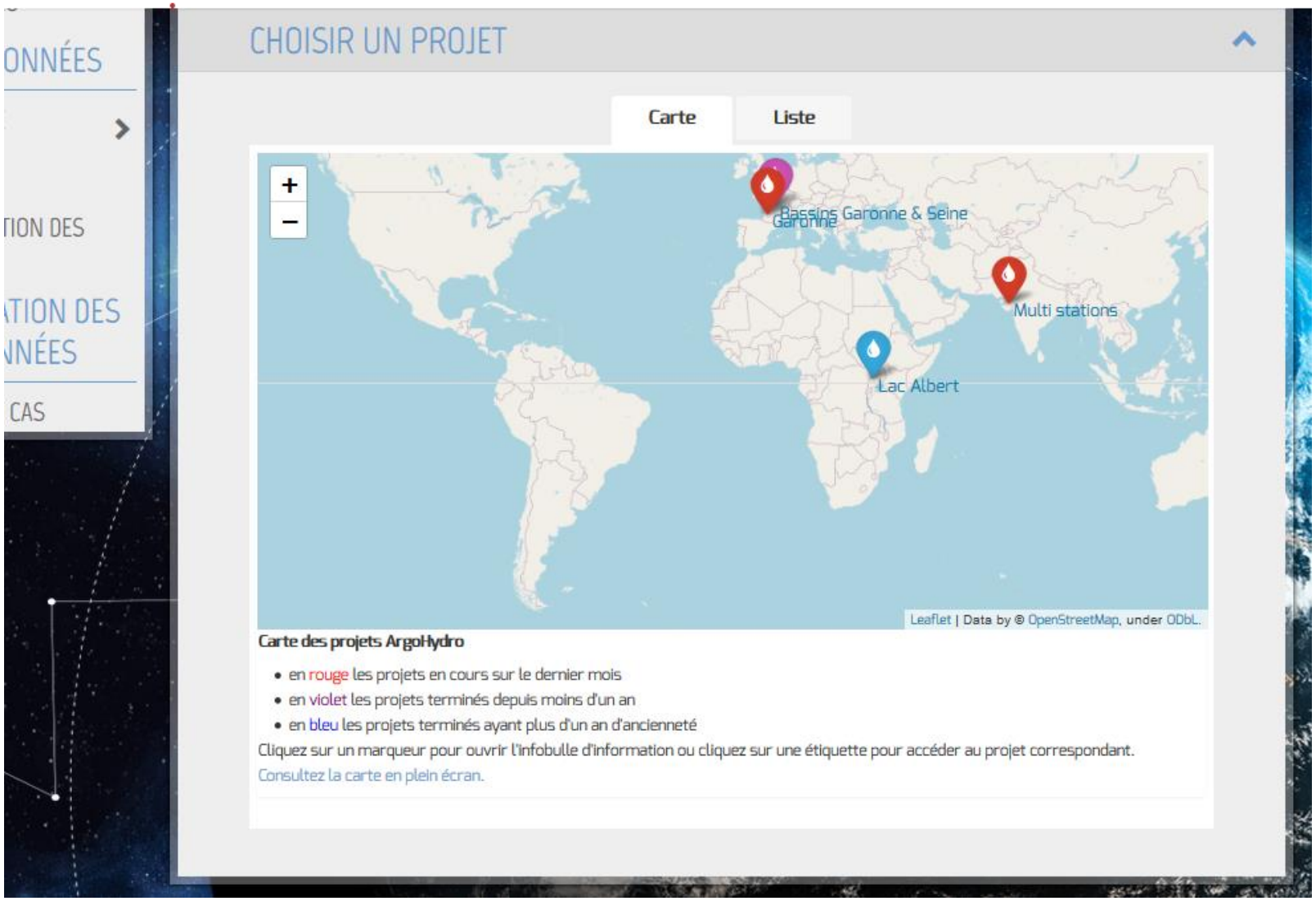
197050	2	2020/04/01	20:25	-56.6399	154.9244

Argonautica cont'd & expanded

- Use cases using Python for high schools
- Two teachers' trainings organized by Cnes (biodiversity, extreme events) per year (usually). Presenting space oceanography data (including altimetry) in those fields.

Argonautica cont’d & expanded



A new “Hydrology” interface, with altimetry data alone – for now.
In the future, in situ & other satellites’ measurements, and of course Swot data will be added.