WP7 – interdisciplinary part
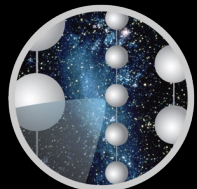
Gwenhaël Dewasseige

WP7 motto
"Make more out of our data"

Impact of the environment

- Find an example and how to mitigate the impact

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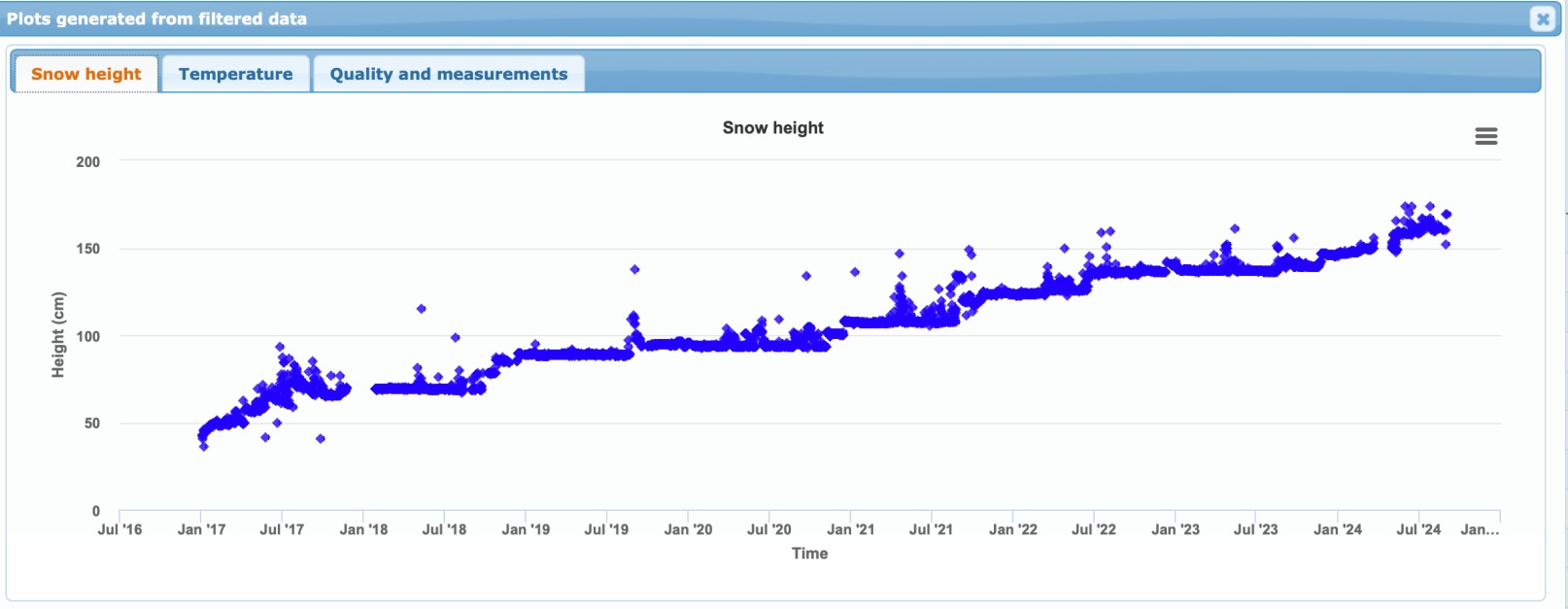
<div align="center">

-> Collect data!

</div>

IceCube Live

Snow height over IceTop ℹ️

☑ Only quality between `152` and `300`   ☑ Exclude test data   ☑ Exclude wild measurements   Time range: `_____` → `_____`

Plot this!

Show `20` entries   [Clipboard]   [CSV file]   [TSV file]

Time (UTC)	Sensor output (cm)	Quality parameter	Temperature (°C)	Corrected distance (cm)
2024-09-04 00:10:09	36.03 ± 1.00	248.67	-52.3	32.40 ± 1.00
2024-09-01 12:10:09	34.97 ± 1.00	188.67	-39.7	32.32 ± 1.00
2024-09-01 00:10:10	53.13 ± 1.00	249.00	-34.7	49.65 ± 1.00
2024-08-30 12:10:10	45.90 ± 1.00	234.67	-49.0	41.58 ± 1.00
2024-08-27 00:10:10	45.77 ± 1.00	279.33	-49.6	41.40 ± 1.00
2024-08-25 12:10:10	46.83 ± 1.00	245.67	-58.4	41.53 ± 1.00
2024-08-24 00:10:09	45.87 ± 1.00	240.00	-52.5	41.22 ± 1.00
2024-08-19 00:10:07	45.83 ± 1.00	288.33	-63.8	40.13 ± 1.00
2024-08-18 00:10:09	46.83 ± 1.00	232.33	-63.1	41.07 ± 1.00
2024-08-17 12:10:0				
2024-08-17 00:10:0				
2024-08-16 12:10:0				
2024-08-16 00:10:1				

Plots generated from filtered data   ✕

Snow height   Temperature   Quality and measurements

Snow height

5

[Close]

DOM Rates for DetID-196
Sun Sep 15 11:34:37 2024 UTC
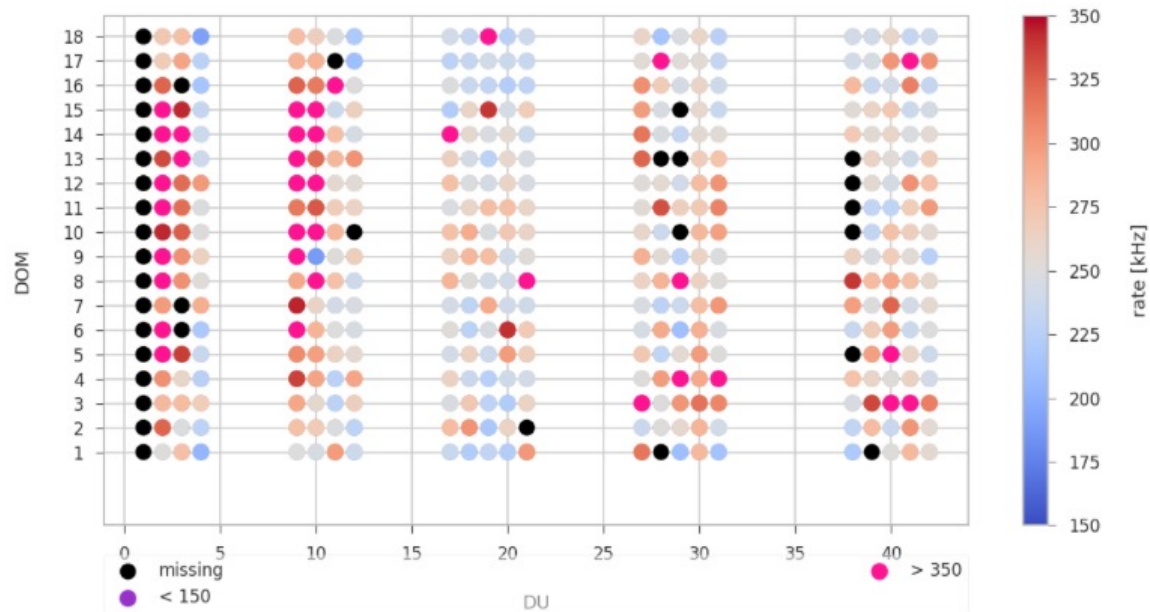
sea current data
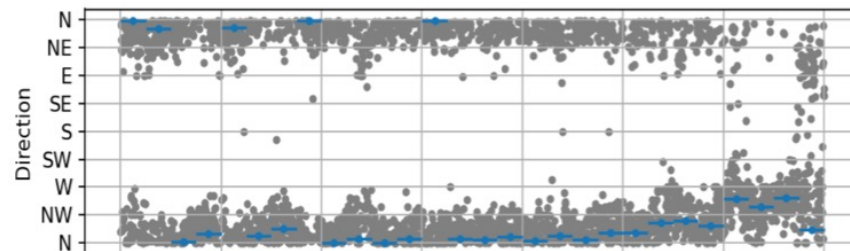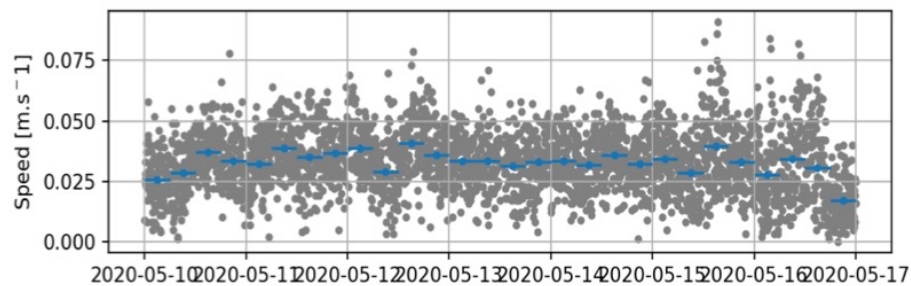
WP7 workplan

- Organize a meeting with each instrument's representative together with:

Severinne Martini, MIO

François Massonet, UCLouvain

WP7 workplan

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- List data that are available
    - Do they need formatting, processing,…?
    - What is the time/spatial binning available?

- Discuss with the users (e.g., participate to EGU meetings)

- Develop a database

- Work on automated data transfer

- Plan beta testing by the users

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Thanks!