

National Report of Iceland

Guðmundur Þór Valsson

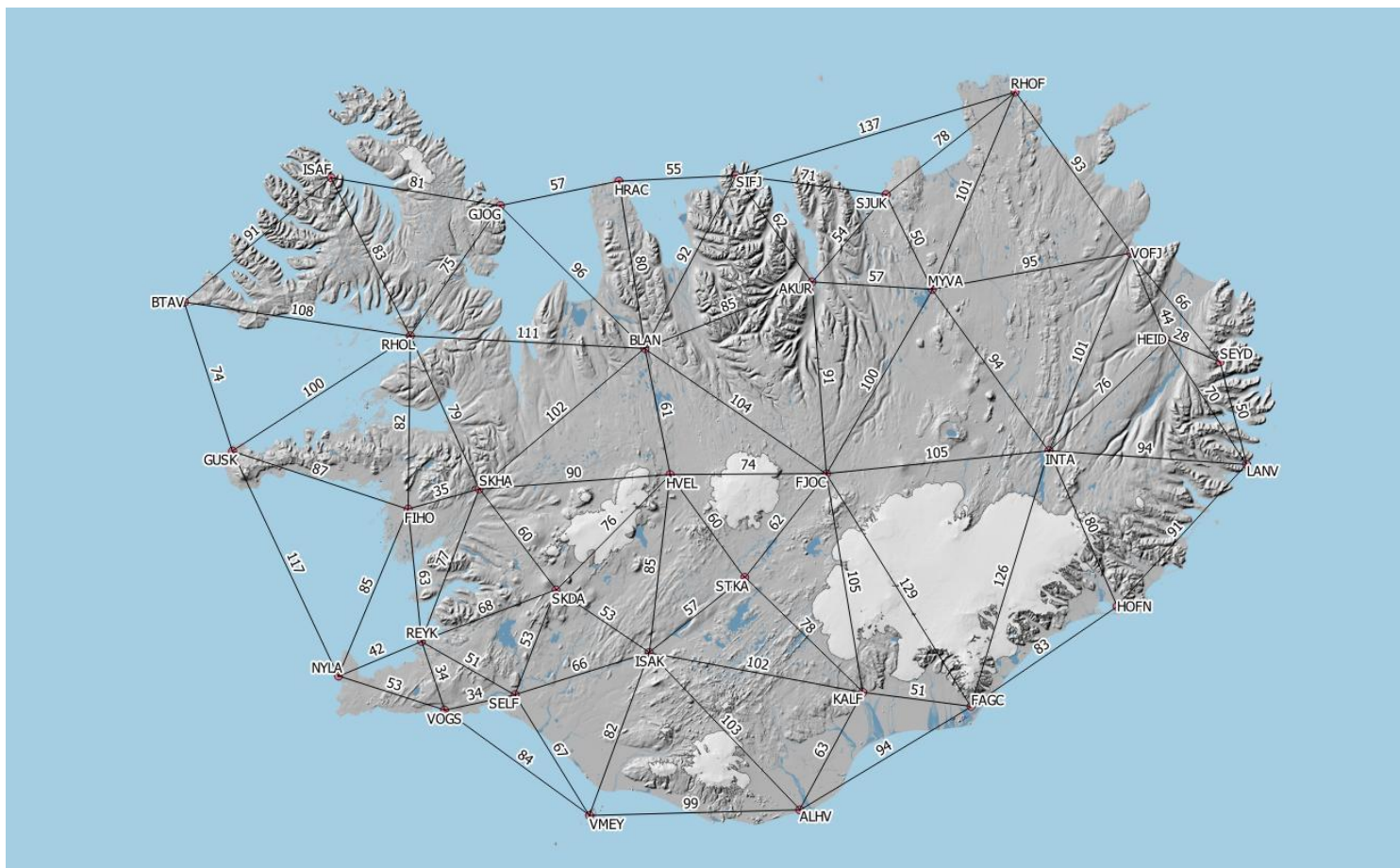
Dalia Prizginiene

National Land Survey of Iceland

Main projects in 2021

- 5 new IceCORS stations
 - 33 stations in IceCORS
 - Fully operational
- New Geodetic Map Viewer
- New INSAR map of Iceland 2015-2020
- Processing of all CORS station data in Iceland from 1997 with Bernese NKG AC style

IceCORS

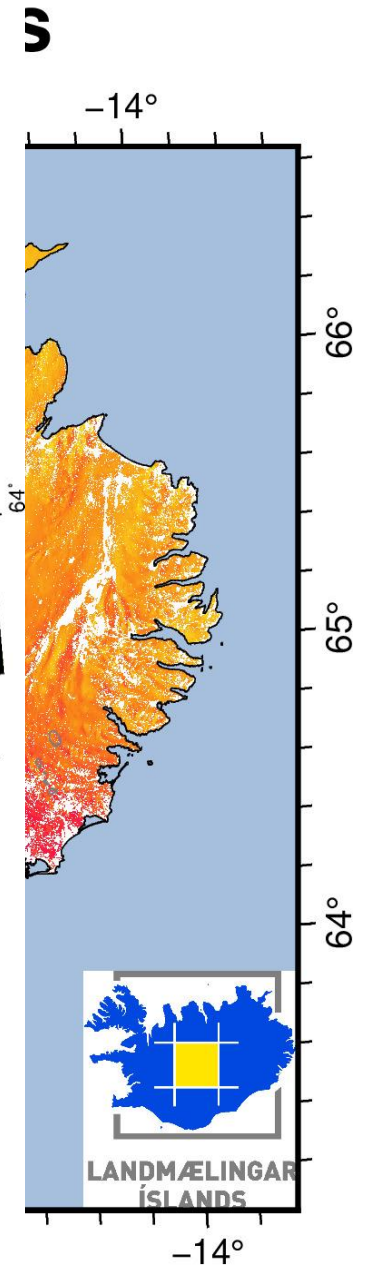
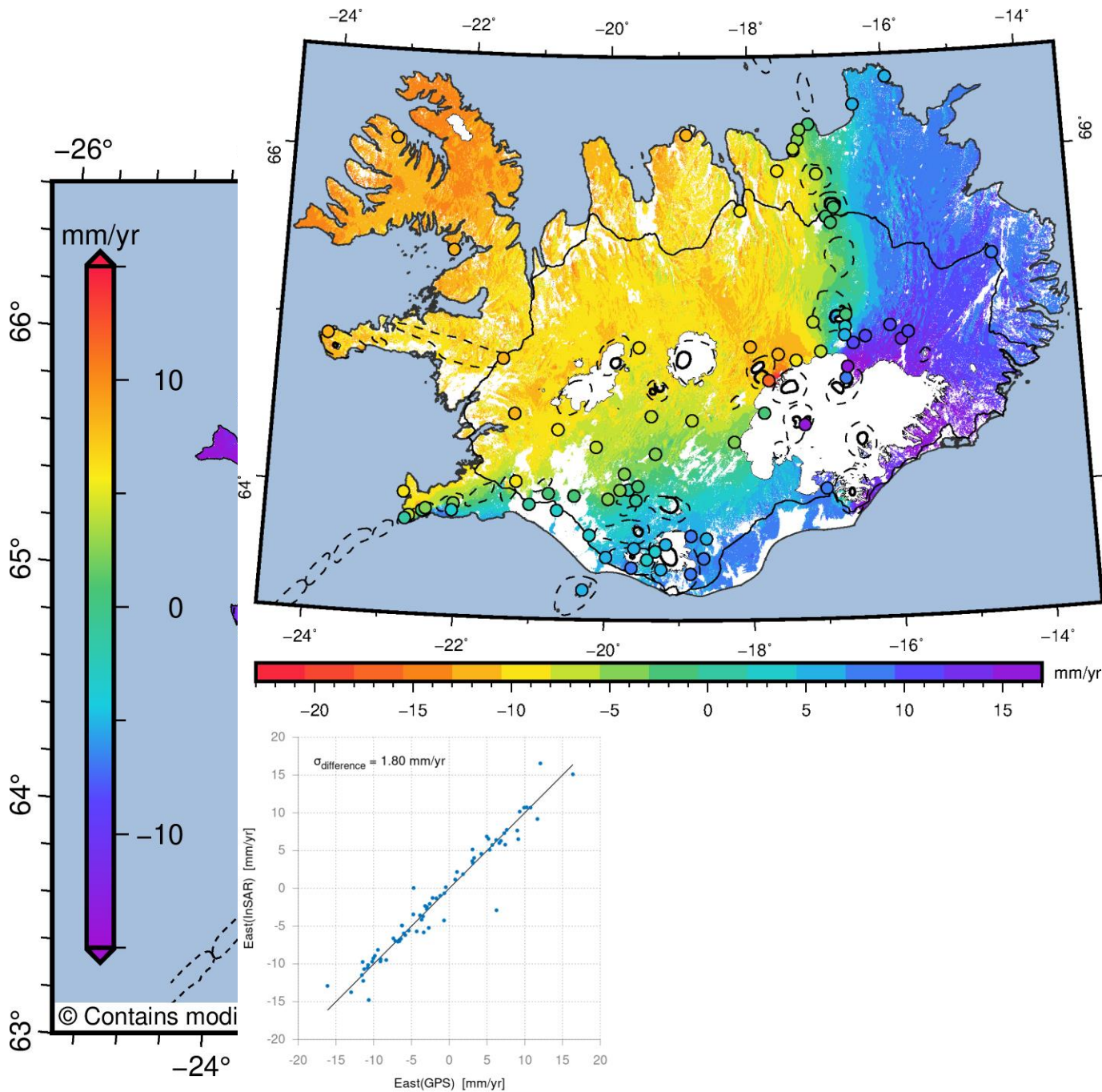


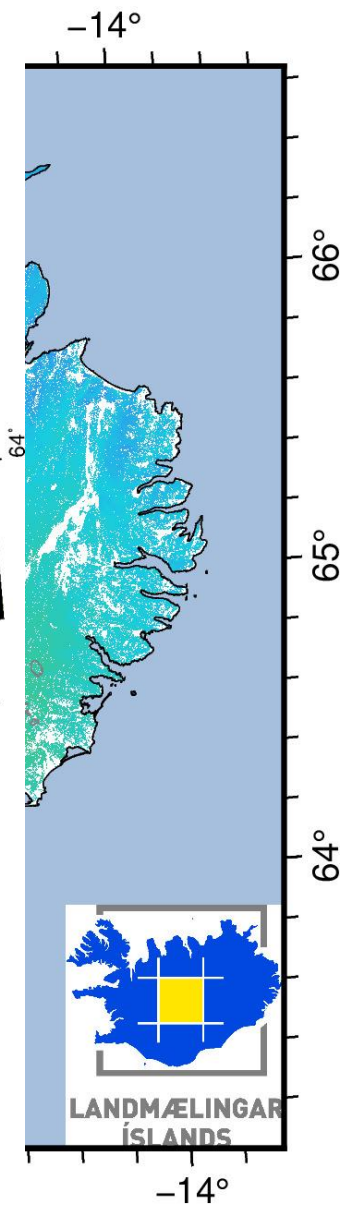
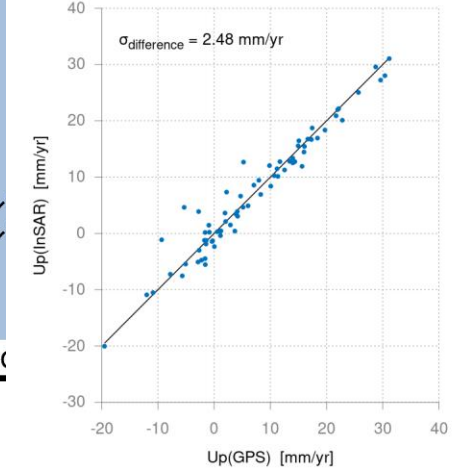
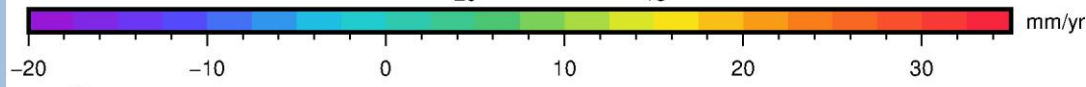
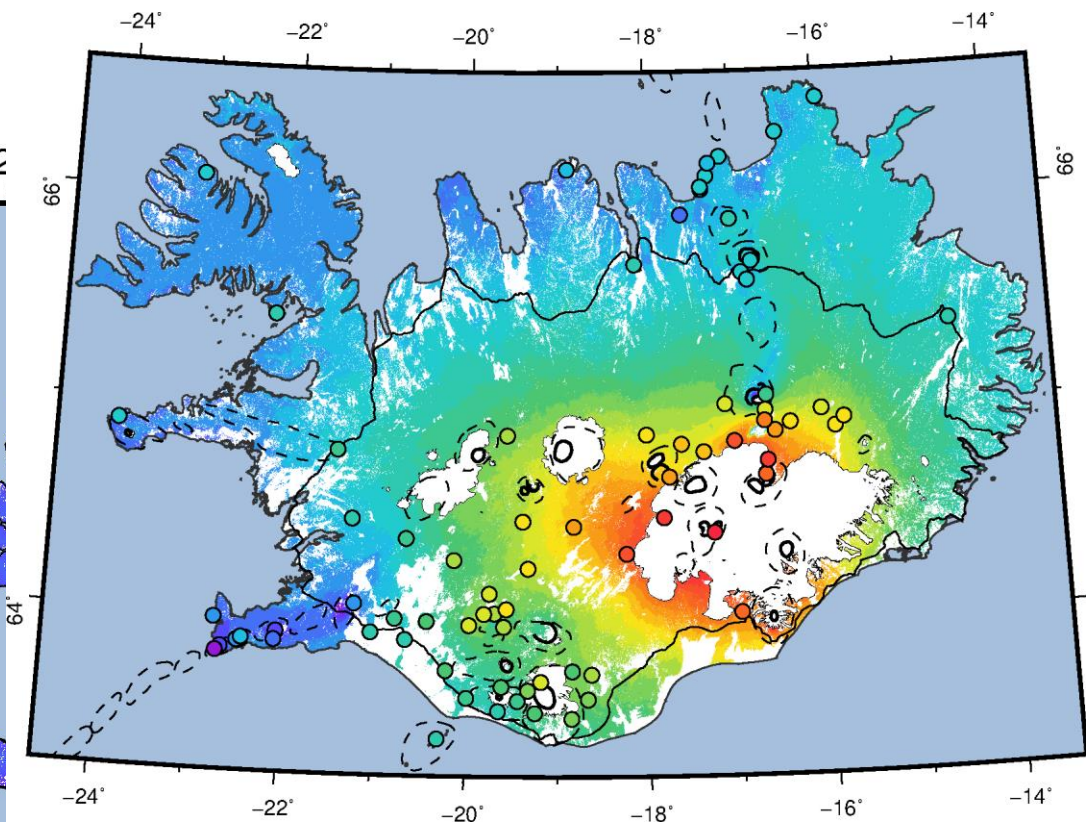
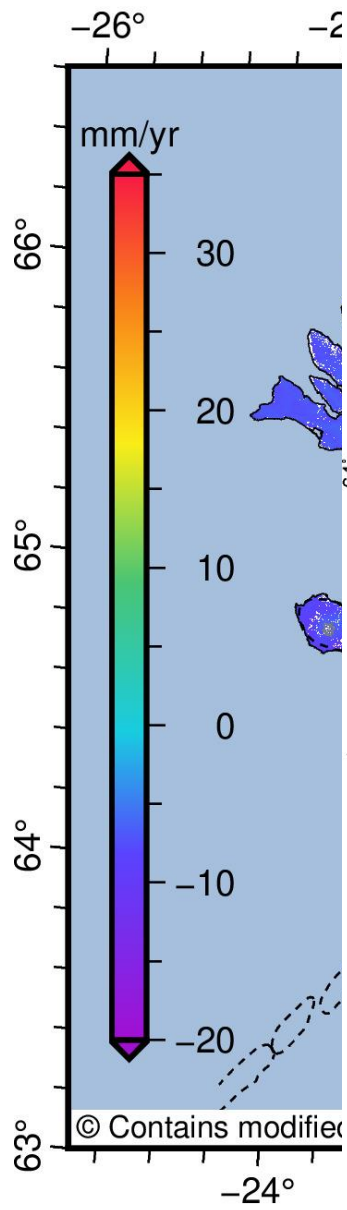
New Geodetic Map Viewer



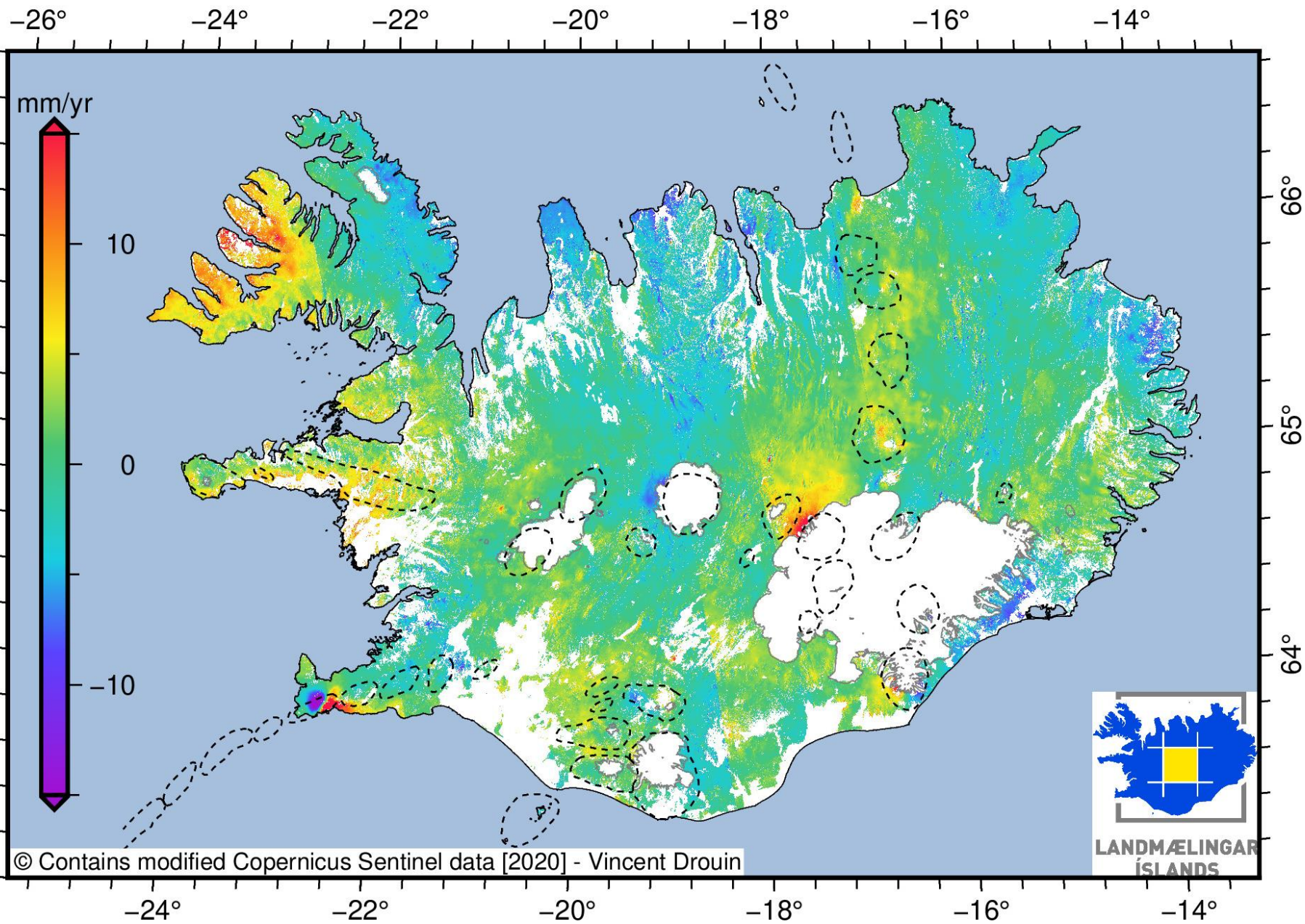
New INSAR map 2015-2020

- Based on Sentinel 1 data from 2015 to 2020
- Work done by Vincet Drouin
- Similar process as for the 2015-2018 map

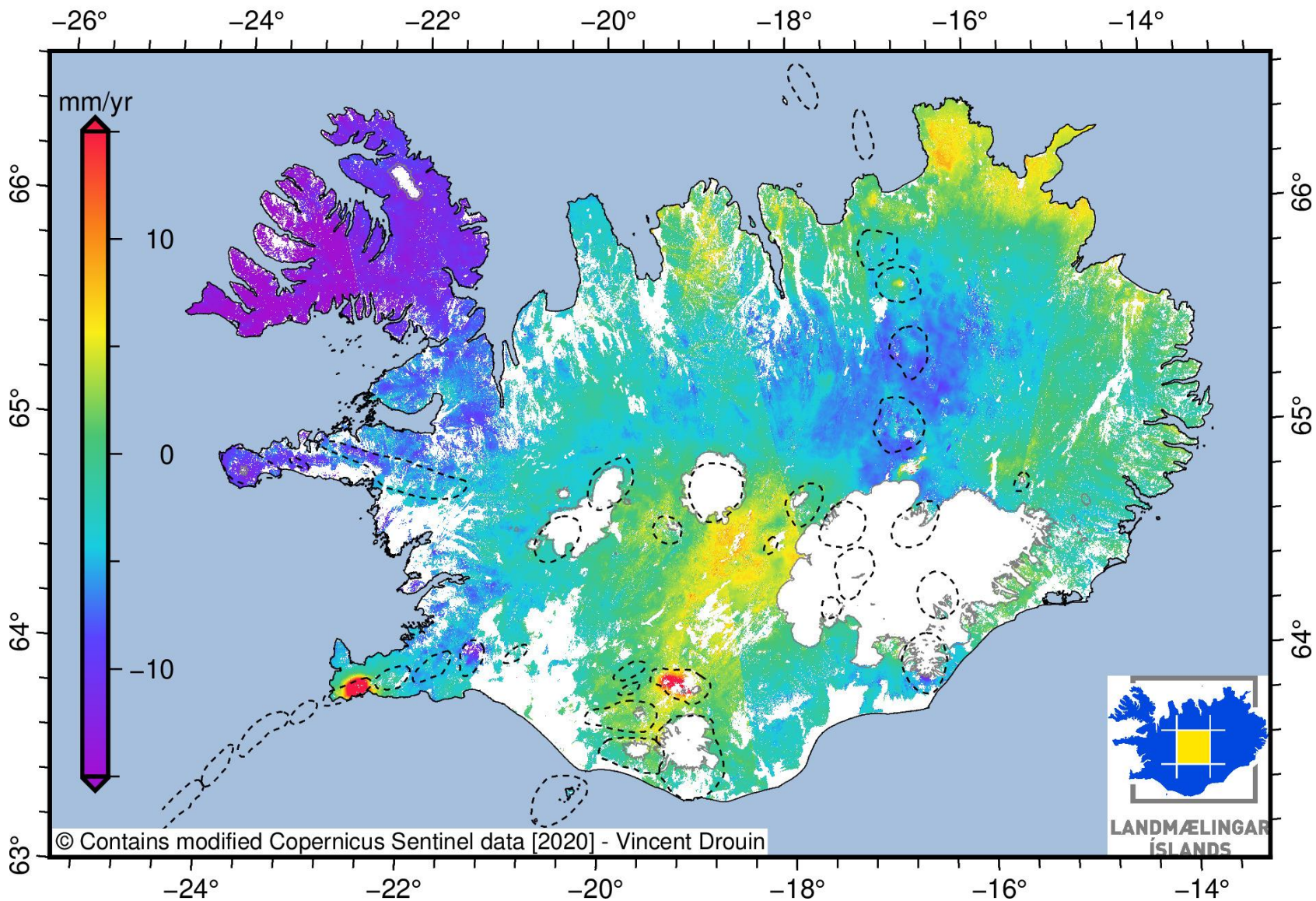




2018-2020 near-East velocities deviation



2018-2020 near-Up velocities deviation



Processing of all CORS station data in Iceland

- Around **118** stations
- Fixed stations: HOFN, HERS,
NYA1, ONSA, QAQ1, SCOR,
TRO1, WSRT,
PDEL,STJO,CHUR,TIXI,BRMU,NRIL
- IGB14 Geodetic Datum
- GPS only



Thank you