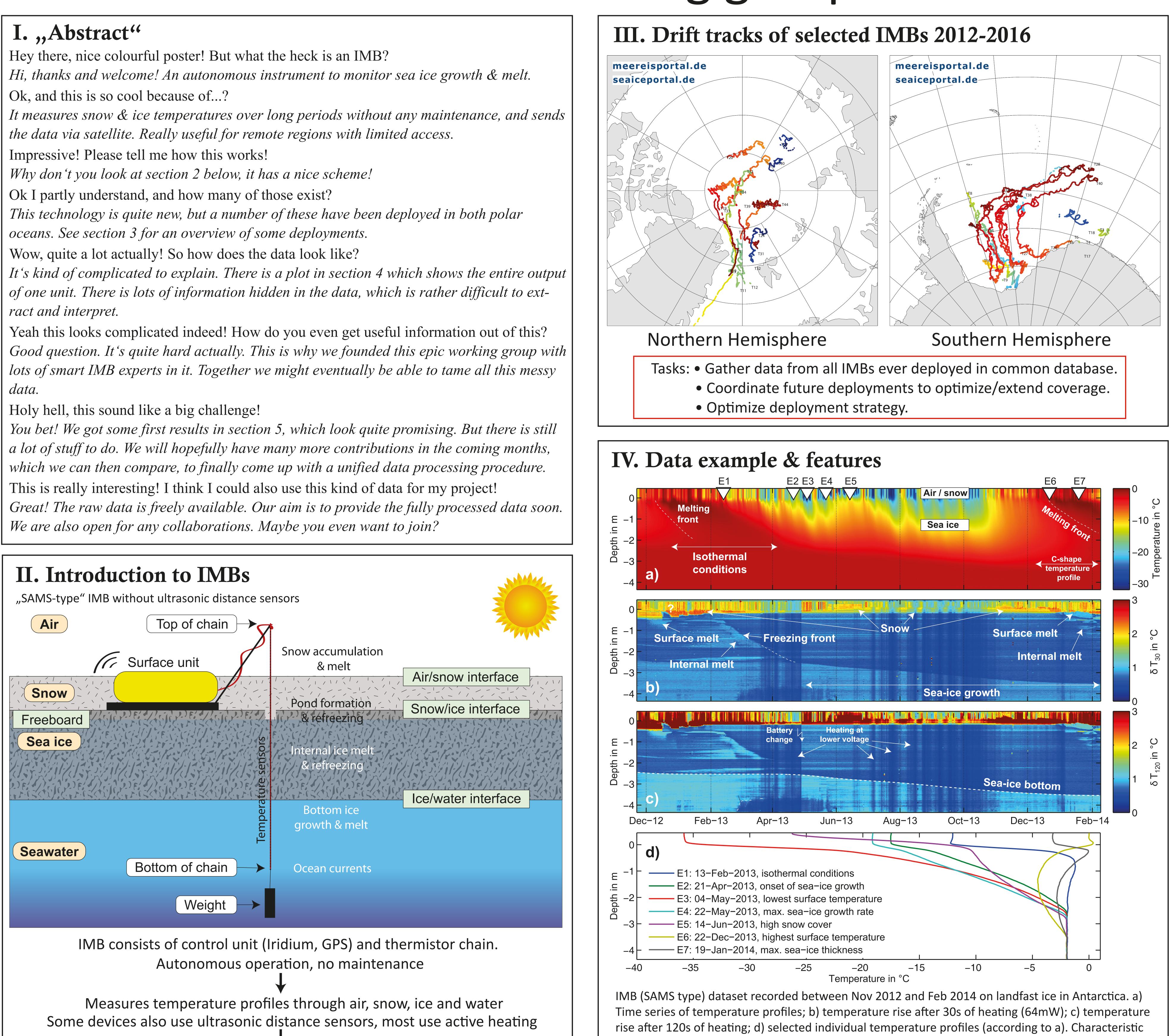
EGU2017-18364 X5.502

Sea Ice Mass Balance Buoys (IMBs): Introduction to working group and Data Processing Intercomparison Study



Extract snow depth & ice thickness evolution

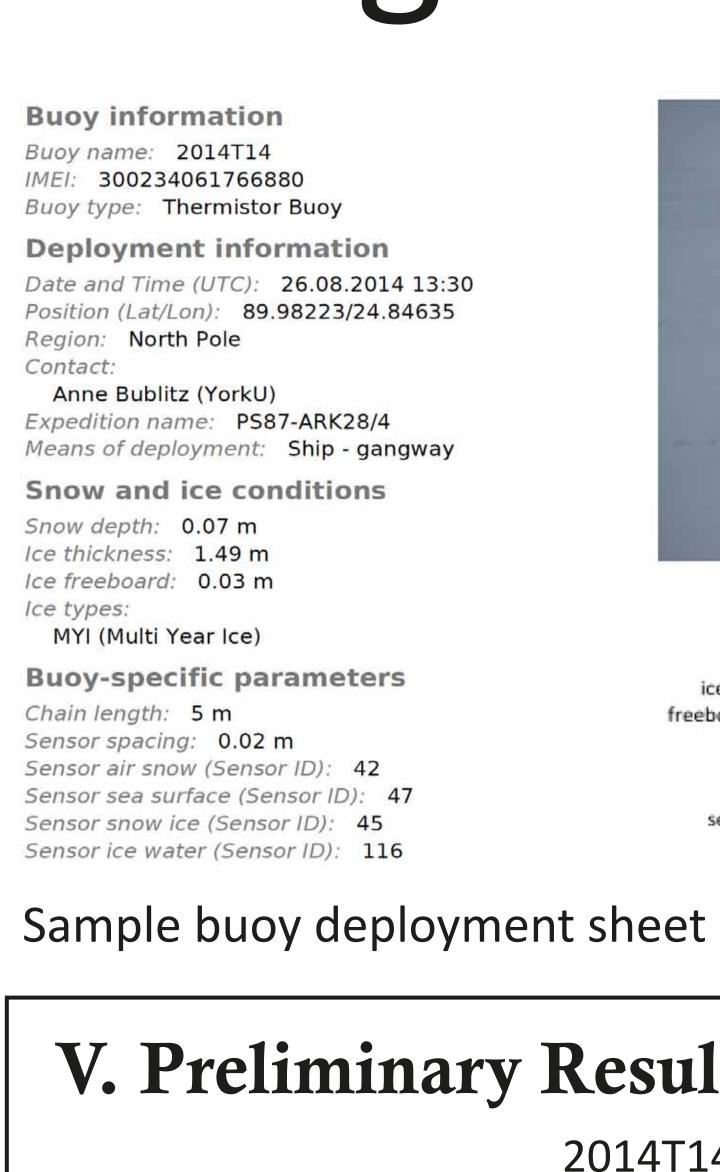
Calculate ice mass budget, validate remote sensing data, process studies...

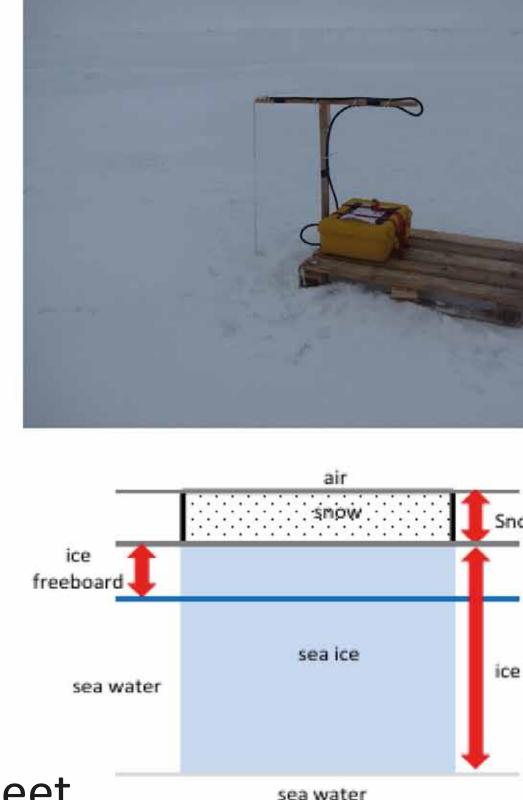
M. Hoppmann, P. Itkin, L. Tiemann (AWI, NPI) also M. Nicolaus, B. Cheng, J. Wilkinson, D. K. Perovich, L. T. Pedersen, T. Maksym, J. Zhao, N. Sennechael & many more

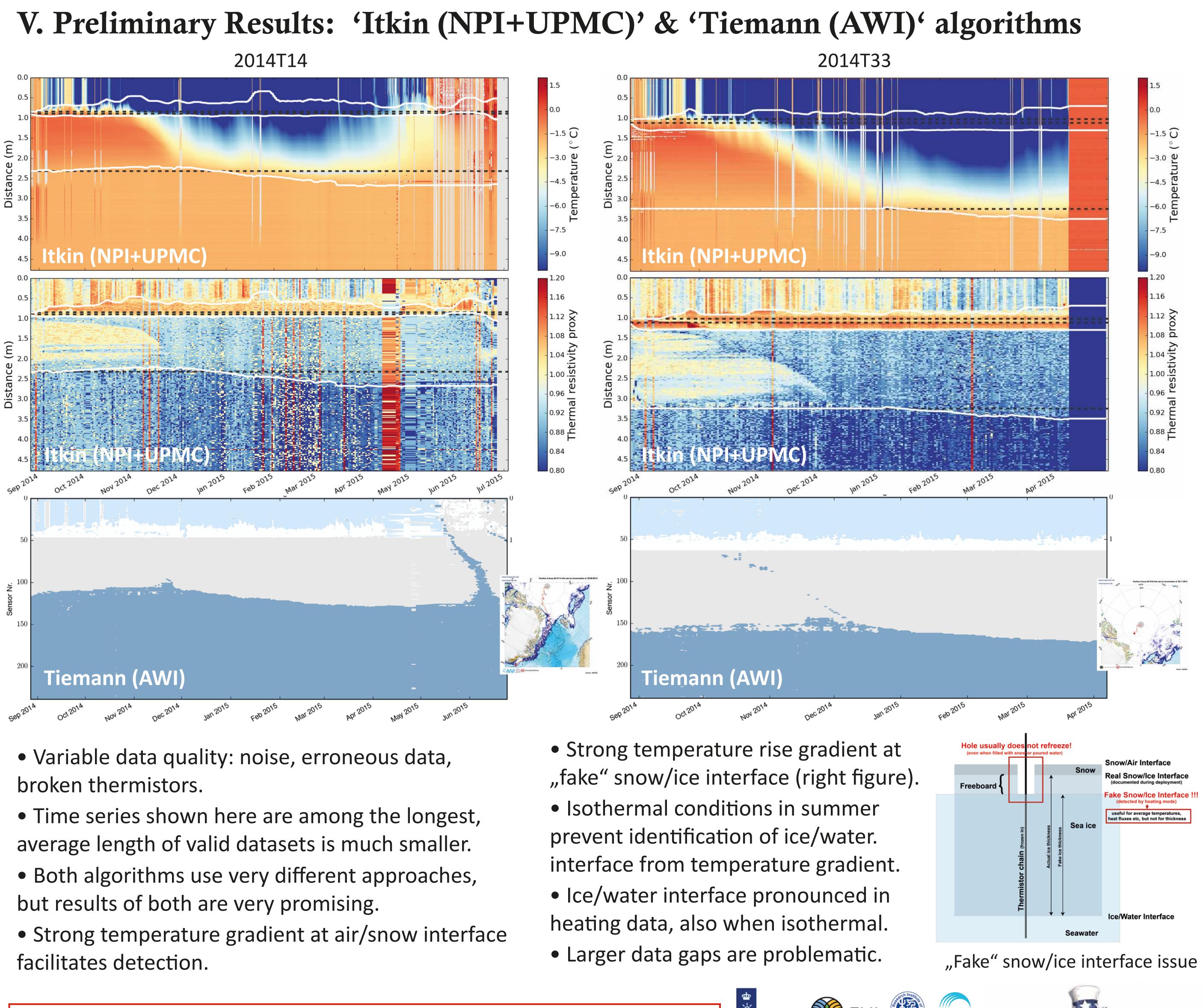


features by visual inspection are highlighted. No automatic processing has been performed.

Tasks: • Define common data "levels" and create unified data products. Make these products available to public through web interface.







Tasks:

- Define unified procedure to process & clean data
- Develop & compare algorithms to extract ice thickness & snow depth
- Determine uncertainty range introduced by data processing techniques
- Improve exchange with modeling & remote sensing communities

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Emi 💮 FMI British Antarctic Survey NATURAL ENVIRONMENT RESEARCH COUNCIL ALFRED-WEGENER-INSTITUT HELMHOLTZ-ZENTRUM FÜR POLAR-UND MEERESFORSCHUNG LOCEAN Woods Hole Oceanographi

