

# DTP careers



ILMATIETEEN LAITOS  
METEOROLOGISKA INSTITUTET  
FINNISH METEOROLOGICAL INSTITUTE

Andrew Twelves, Finnish Meteorological Institute

# Background



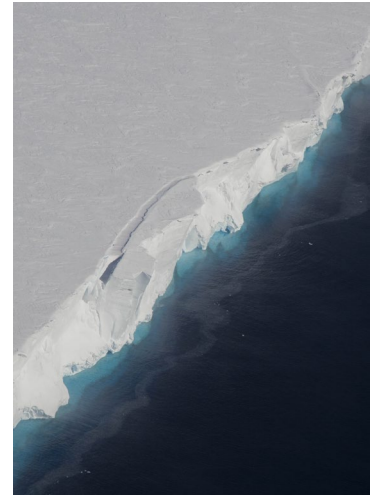
THE UNIVERSITY  
*of* EDINBURGH

Undergrad in physics, at University of Manchester

Started PhD at Edinburgh in 2017

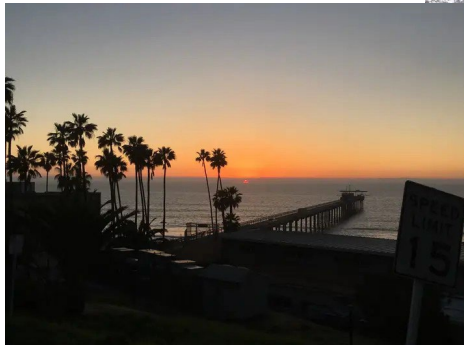
Cryosphere group / Oceans

- How does ice affect plankton blooms?



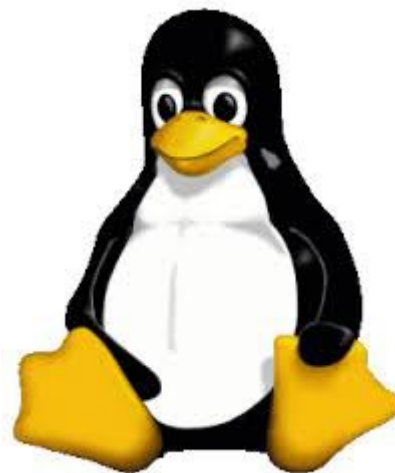
# PhD experience

- Southern Ocean cruise 2018
- Scripps Institute 2019
- Remote working
- Graduated 2022



# Skills gained from PhD

- Coding
- High performance computing
- Project management
- Scientific writing



# Other opportunities / experiences

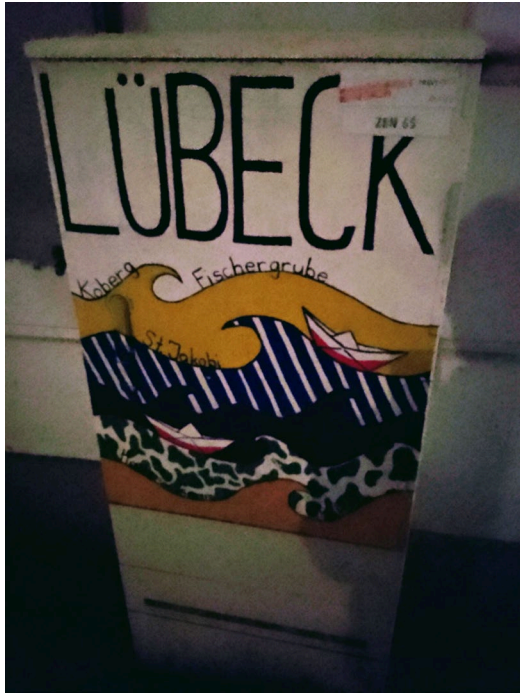
- Geosciences GradSchool
- Policy Internship at JNCC
- Part time work writing for Futurum Careers magazine – contact from DTP!



# Application process post-viva

- Continued writing for Futurum
- Unsuccessful applications:
  - Journal editing
  - science communication
  - renewables engineering

# How I found my job



# FMI Interview process

- CV, cover letter, summary of research interests
- Teams call
- Had to make decision fast – contracted position needed filling...

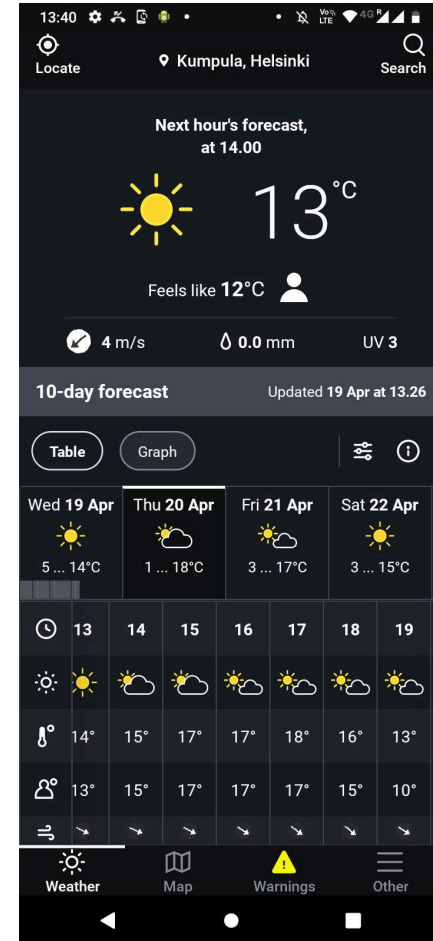
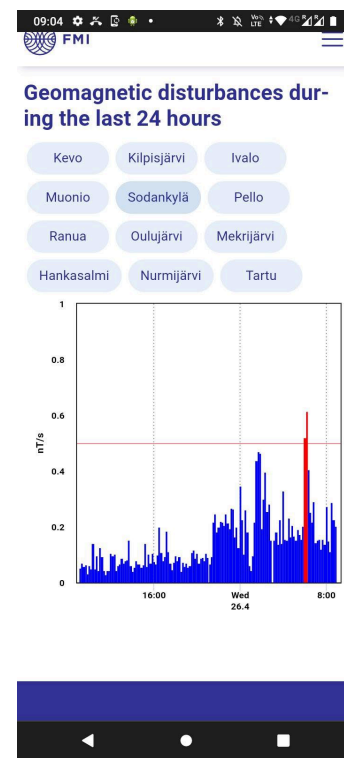




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FMI

- Founded 1838 – one of the oldest national met institutes
- Also specialises in space weather measurement
- Shares campus with University of Helsinki



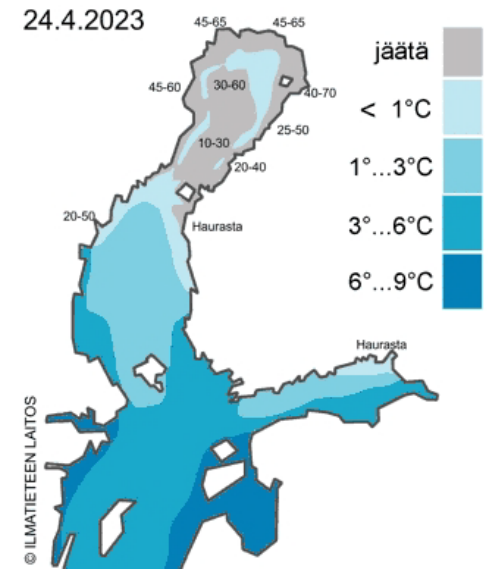
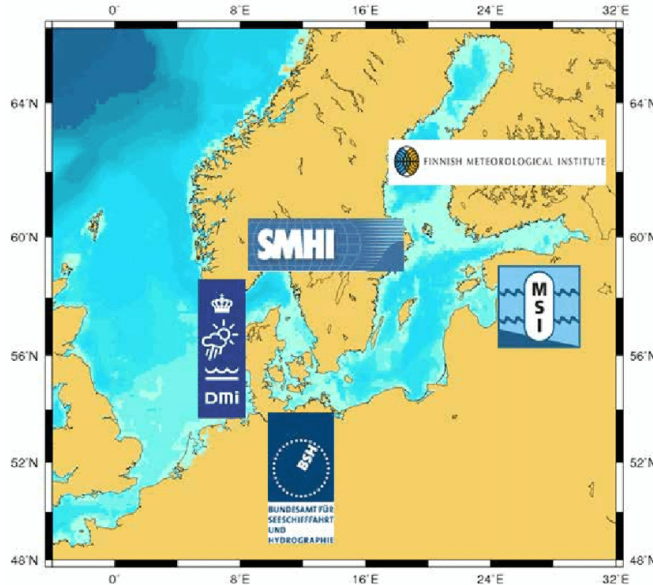
# Living abroad

- Language
- Paperwork
- Working culture – organisation hierarchy
- PhD qualification is very different in different countries!



# Role description

- Operational
- Academic
- Regional collaboration for Baltic Sea



# Transition from PhD

- Policy Internship experience very useful for anything government related eg. jargon
- Contacts for collaborations – really useful!

# Summary

- Use LinkedIn, ResearchGate, but use in moderation...
- Okay to have mixed feelings about doing a postdoc
- There is science outside universities
- Go to conferences etc – now that you can!

