

# Petteri Uotila

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**Personal information:** Juha Petteri Uotila  
Citizenship: Finland; Date of birth: 18<sup>th</sup> July, 1969  
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## PROFESSIONAL POSITIONS:

- 2017 –** I am the professor of hydrosphere geophysics in the University of Helsinki. I am particularly interested in the role of polar oceans in the climate system and their atmospheric and oceanic links with the mid-latitudes.
- 2014 – 2017** I was a research professor responsible for the Arctic climate modelling at the Finnish Meteorological Institute.
- 2010 – 2013** I was the sea-ice scientist in the ACCESS climate modelling team of the Centre for Australian Weather and Climate Research. In 2012, we completed CMIP5 simulations for the IPCC AR5 report and were awarded the CSIRO award for science excellence in 2013.
- 2004 – 2010** I worked as a senior research scientist in the Monash Weather & Climate program in Australia.
- 2002 – 2004** I was a post-doctoral scientist in the Arctic Ocean Model Intercomparison Project at the Courant Institute of Mathematical Sciences, New York University.

## EDUCATION:

I received my PhD in geophysics (physical oceanography) at the University of Helsinki in 2000. Thesis: Ocean current and sea ice motion studies based on drifter observations and meteorological forcing.

## RESEARCH:

**Peer reviewed publications:** I have 101 peer-review publications. Based on [ISI Web of Science](#) I have been cited 4010 times and my h-index is 32 (14 February 2025).

**Research funding:** I have been involved in research proposals in Finland and Australia which have been awarded funding in total of 27 million €. Of this, I have been awarded in total 2 482 000 € as the project leader. Selected projects:

- Cyclones and anticyclones in the Antarctic climate system (CAAC), Academy of Finland, 479 489 €, 2025–2028.
- Combining Coupled Modelling and Machine Learning to Constrain Antarctica's Uncertain Future (ICEMAP), Academy of Finland, 412 158 €, 2023–2027.
- Polar Regions in the Earth System (PolarRes), H2020-LC-CLA-2018-2019-2020, 218 563 €, 2021–2025.

## TEACHING:

I have supervised 7 postdocs, 26 doctoral and 15 graduate students, and lectured climatology and oceanography at universities in Finland, in the USA and in Australia. I am responsible for the curriculum of the hydrosphere geophysics study track and teaching of five oceanographic courses.

Yours sincerely,



Petteri Uotila