

# Dr. Ori Adam

## Curriculum Vitae

Sep.2021

### PERSONAL DETAILS

Date of birth: Nov.28.1975

Country of birth: Israel

Identity number: 03767754-9

Nationality: Israeli

Military Service: Sayeret Yael, Battle Engineering Core, IDF.

Family Status: Married + 4

Address: Saifan 1/15, Tzur Hadassa, Israel

Email: Ori.Adam@mail.huji.ac.il

### HIGHER EDUCATION

2013-2016 *Post-doctorate* **ETH Zürich, Switzerland**

Climate dynamics. Hosted by Prof. Tapio Schneider.

2011-2012 *Post-doctorate* **Tel-Aviv University, Israel**

Geophysical Fluid Dynamics. Hosted by Prof. Nili Harnik.

2005-2011 *Doctorate* **Hebrew University, Israel**

Atmospheric Sciences. Under the guidance of Prof. Nathan Paldor.

Awards:

2009 Banin Award, Hebrew University

2008 Mintz Award, Hebrew University

2005 Eshkol Fellowship, Israel Ministry of Science

*Doctoral Fellowship* **Chicago University, USA**

Oct.2006-Jan.2007 Geophysical Fluid Dynamics. Hosted by Prof. Gideon Eshel.

2002-2004 *M.Sc.* **Hebrew University, Israel**

Astrophysics. Under the guidance of Dr. Shmuel Balberg.

1998-2001 *B.Sc.* **City College of New York, USA**

Physics major.

### APPOINTMENTS AT THE HEBREW UNIVERSITY

2016-Present **Senior Lecturer**

## **ADDITIONAL FUNCTIONS/TASKS AT THE HEBREW UNIVERSITY**

- 2020-Present      Academic head of the Hebrew University Research Computing Services (HURCS)
- 2019-Present      Head of the Academic Committee of the Hebrew University Climate Science Center (HUCS)
- 2019-Present      Ph.D. Acceptance Committee at the Institute of Earth Sciences

## **SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTES**

- 2021-present      *Israel Ministry of Agriculture and Rural Development*  
Committee for assessing the impacts of climate on Israeli agriculture.
- 2020-present      *Israel climate change administrative division*  
I represent the Hebrew University in Israel's climate change administrative division, established 2018, following resolution 4079 of the Israeli government.
- 2013-2016      *C2SM ETH Zürich*  
Steering committee member of the Center for Climate System modeling (C2SM) at ETH Zürich.
- 2015-2020      *National Data Knowledge Center (NKDC), Israel*  
Steering committee member of the recently established National Data Knowledge Center, based at Tel-Aviv University.

## **OTHER ACTIVITY**

- 2012-Present      *GOAT*  
Author and developer of GOAT (Geophysical Observation Analysis Tool): a MATLAB based tool for the management and analysis of geophysical data ([www.goat-geo.org](http://www.goat-geo.org)).
- 2016-2018      *Tropical Width Diagnostics Working Group*  
A member of a scientific team aimed at providing a systematic intercomparison of tropical width diagnostics.
- 2010-2012      *Pulmone Medical Devices Ltd., Israel*  
Chief technology officer (CTO). Chief inventor and developer of the company's core intellectual property. Headed a team of medical staff and engineers in the research and development of a Pulmonary Function Testing device.

## RESEARCH GRANTS

- 2021-2024 Israel Ministry of Science, Division of International relations  
Seasonal and regional variations of the tropical rain belt. Single PI.  
(840,000₪)
- 2018-2019 Israel Ministry of Science, Division of International relations  
Climate and Wave Dynamics Workshop. Lead PI. (20,000₪)
- 2018-2019 The Batsheva Rothschild Fund  
Climate and Wave Dynamics Workshop. Lead PI. (40,000\$)
- 2017-2020 Israeli Science Foundation  
Relating the Intertropical Convergence Zone to the atmospheric energy  
budget. Single PI. (900,000₪)
- 2017-2019 Israel Ministry of Science  
Understanding projections of a drier Eastern Mediterranean: from global-  
scale mechanisms to synoptic and local scale impacts on precipitation. Co-  
PI. (750,000₪)

## TEACHING AT THE HEBREW UNIVERSITY

### a. Supervision of Masters and Doctoral degree students

#### Master's students

- 2019-Present Ofir Ariel
- 2018-2021 Maya Samuels
- 2018-2021 Moran Erez
- 2018-2021 Eilat Elbaum, co-supervisor with Prof. Efrat Morin and Prof.  
Chaim Garfinkel. Publication #7 in the list of publications.

### b. Post-doctoral Fellows and visitors

- 2018-2019 Hilla Afargan Gerstman. Publication #5 in the list of  
Publications.

### c. Courses taught

- 2018-present **Statistical methods for Earth sciences (82858)**
- 2018-present **Dynamic Meteorology (82301)**  
co-lectured with Prof. Nathan Paldor during 2018-2019
- 2017-present **Fundamentals of Fluid Mechanics for Earth sciences  
(82856)** co-lecturer with Prof. Einat Aharonov
- 2017-present **Introduction to Tropical Meteorology (82515)**
- 2017-2021 **Seminar for graduate students (82830/82853)**

