

## ULAS IM

Section of Atmospheric Environment, Department of Environmental Science, Aarhus University,  
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### EDUCATION

2003-2009: **PhD** from Bogazici University, Institute of Environmental Sciences, Istanbul, Turkey.

2000-2003: **MSc** from Bogazici University, Institute of Environmental Sciences, Istanbul, Turkey.

1996-2000: **Bs** from Yildiz Technical University, Department of Environmental Engineering

### RECENT EMPLOYMENT

09/2018- Ongoing: **Senior Scientist** at Department of Environmental Science, Aarhus University, Denmark.

09/2014-08/2018: **Scientist** at Department of Environmental Science, Aarhus University, Denmark.

### PROJECT MANAGEMENT

- Coordinator, Clouds and climate transitioning to post-fossil aerosol regime: CleanCloud. 1/1/2014-31/12/2027, Funded by Horizon Europe
- Co-PI, Arctic Climate Impact of Combined Moisture and Aerosol intrusion Events (MAIA), 08-2023, 07-2024, Funded by Danish Energy Agency
- Co-PI, The role and model representation of methane reductions for Arctic climate (Reduc(h4)e), 08-2023-07-2025, Funded by the Nordic Council of Ministers
- Host, 4/2021-3/2023. BIOAAT - Primary Biological Aerosol in the Atmosphere: Origins, Microphysical Processes, and Climatic Feedbacks, funded by Horizon 2020 Part I Excellent Science MSCA
- Work Package Leader, Exposure to heat and air pollution in EUrope – cardiopulmonary impacts and benefits of mitigation and adaptation (EXHAUSTION), 1/6/2019 – 31/5/2023, Funded by H2020
- Researcher, 4/2020 – 4/2022. Integrating Nordic air quality and climate policies using FORCeS (NOR-FORCeS). Funded by the Climate and Air Pollution Group, Nordic Council of Ministers
- Coordinator, Effects of short-lived pollutants on atmospheric chemistry, health and climate in the Nordic and the Arctic region (FREYA), 2018-2021. Funded by Nordic Council of Ministers.
- Coordinator, International Networking Programme between Denmark (AU) and USA (NASA), 1/1/2016-31/12/2016. Funded by Styrelsen for Forskning og Innovation.
- Coordinator, 01/2016-12/2016. Air pollution impacts and the associated external costs over Europe and North America as calculated by a multi-model ensemble in frame of AQMEII3 (DCE-AQMEII), funded by the Danish Center of Environment and Energy.

### PUBLICATIONS

**Published articles:** 67, H-index=32, Number of citations: 3291 (Scopus as of April 2024)

## **SCIENTIFIC FOCUS AREAS**

I am working on global to regional atmospheric modelling for more than twenty years. I have been involved in large international projects focusing on short lived climate forcers and their impacts on air quality and climate, as well as on health impacts of air pollution and their economic valuation. My main area of interest is on the natural sources of SLCFs and their interactions with anthropogenic SLCFs and climate.

## **INTERNATIONAL RELATIONSHIPS**

- Coordinator of the HE-funded CleanCloud project (20 partners)
- National Representative in two COST Actions (HARMONIA and DAMOCLES)
- Steering committee member of the International Meeting on Air Pollution and its Application (ITM) and local organizer of ITM2024
- Chair of the Aerosol Modelling Workgroup and the Scientific Advisory Committee of the European Aerosol Association
- Convener of the Air Pollution Modelling session in the European Geophysical Union (EGU) General Assembly.
- 47 out of 67 peer-review articles are with more than 10 co-authors.
- PI, Co-PI, WP leader, or researcher in 11 international projects.

## **SUPERVISION**

- Main supervisor of three postdocs:
  - Maher Sahyoun (AU-ENVS): 2022 – 2024
  - Zhuyun Ye (AU-ENVS): 2019-2020
  - Huseyin Ozdemir (AU-ENVS): 2018 – 2019
- Co-supervisor of two visiting PhD students:
  - Jiemei Le (AU-ENVS): 2022 – 2023
  - Patricia Tarín-Carrasco (AU-ENVS): 2018, 2020
- Project supervisor of one MSc. Student:
  - Kasper Toft Madsen (AU-GEO): 2019-2020
- Co-supervisor of a MSc. Student:
  - Meltem Guler (BU-ESC): 2008 – 2009
- Co-supervisor of two visiting MSc. Students:
  - Marta Behzat (AU-ENVS): 2016 - 2017
  - Fabien Espilit (AU-ENVS): 2015