


# Deniz Sirin

MSc. Integrated Climate System Sciences

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Hamburg, GERMANY

## Education

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**University of Hamburg,  
School of Integrated  
Climate and Earth  
System Sciences,  
Germany**

Oct 2019 - Mar 2023

### MSc. Integrated Climate System Sciences

Main focus: Climate-related economics and social sciences study track

Thesis Topic: Exploring Decision-Making Heterogeneity In A Simple Agricultural Agent-Based Model  
Supervised by: Prof. Dr. Uwe Schneider & Dr. Sascha Hokamp  
Graduation grade: 1.42 (German scale)

**Istanbul Technical  
University, Faculty of  
Aeronautics and  
Astronautics, Turkey**

Sep 2006 - Aug 2011

### BSc. Meteorological Engineering

BSc. program with a blend of atmospheric science courses and fundamental engineering courses

Thesis topic: Implementation of Precipitation Parameter of Meteocalarm System for Turkey  
Supervised by: Prof. Dr. Mikdat Kadioglu  
Graduation grade: 2.40 (4-Point American GPA scale)

## Work Experience

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**Climate Service Center  
Germany (GERICS),  
Germany**

Apr. 2023 - Present

### PhD Candidate

**University of Hamburg,  
Multiple Stressors on  
North Sea Life (MUSSEL)  
Project, Germany**

Nov. 2022 - Jan. 2023

### Scientific Student Assistant

- Providing cooperation between the project and the Cluster of Excellence Climate, Climatic Change, and Society (CLICCS)
- Providing support for a joint publication regarding fisheries and land use
- Carrying out relevant model simulations and interpretation of the results

**Statista GmbH, Editorial  
Research Intelligence  
Department, Germany**

Aug 2020 - Mar 2023

### Student Assistant Consumer Goods - Non Food

- Updating, maintaining, and creating new statistical content on non-food consumer goods retail
- Writing editorial material (such as extended reading support and topic pages) for existing statistics and products
- Providing research support for content creation

**Turk Loydu Foundation,  
Turkey**

Sep 2015 - Sep 2019

### Dangerous Goods Safety Advisor (DGSA) Instructor

- Carrying out official DGSA Trainings (ADR/RID & IMDG Code) for DGSA Candidates

**Self-employed, Turkey**

Sep 2015 - Sep 2019

### Dangerous Goods Safety Advisor (DGSA)

- Providing DGSA & logistics safety trainings and consultancy to clients as an independent contractor
- Ensuring all related operations of the clients are in line with legal requirements (ADR/RID & IMDG Code & relevant national legislation)
- Notable clients: Arkas Logistics A.S., Dincer Logistics A.S., Tupras (Turkish Petroleum Refineries A.S.)

**Alisan Logistics A.S.,  
Safety, Health,  
Environment & Quality  
Department, Turkey**

Nov 2013 - Sep 2015

## **Safety, Health, Environment & Quality Engineer**

- Ensuring all operations are in compliance with the national occupational health & safety regulations
- Providing health & safety trainings to all employees
- Reviewing, evaluating, maintaining & implementing quality and safety management systems (ISO 9001, OHSAS 18001, ISO 14001, ISO 10002, ISO/IEC 27001, ISO 22716, SQAS)
- Preparing, revising & updating hazard risk analyses and Emergency Response Plans

**Istanbul Technical  
University, Scientific and  
Technological Research  
Projects Funding  
Program, Turkey**

Sep 2011 - Jul 2012

## **Meteorological Engineer**

- Running the model simulations & analyzing and interpreting the simulation outputs for the joint research project conducted by Istanbul Technical University & Scientific and Technological Research Council of Turkey (TUBITAK)
- Providing support for the project publication
- Project topic: Simulating the effects of climate change on field crop growth and development by using crop growth simulation models

## **Skills**

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### **Technical Skills**

- MS Office Suit: Proficient
- NetLogo: Intermediate
- Latex: Intermediate
- Python: Beginner
- GAMS: Beginner

### **Languages**

- Turkish: Native
- English: C2 certificate
- German: A1.1 level

## **Certificates and courses**

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### **Certificates**

- Dangerous Goods Safety Advisor (ADR/RID & IMDG Code) (Cert. No: TMKTDGM/TMGD/2015/444, Issue Date: 02.03.2015)
- Dangerous Goods Safety Advisor Trainer (ADR/RID & IMDG Code) (Cert. No: TMGDE/092, Issue Date: 13.12.2014)
- Occupational Health & Safety Expert, Level C (Cert. No: 20704, Issue Date: 12.06.2013)

### **Courses**

- Youth Master Trainers for Climate Change (World Bank Institute & British Council - 15.06.2010-18.06.2010)
- Occupational Health & Safety Expert Course (December 2013, 180 hours)
- DGSA Course (20.10.2014 - 27.10.2014, 49 hours)

## **Memberships and social activities**

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### **Memberships**

- Turkish Chamber of Meteorological Engineers

### **Social activities**

- Student council member at School of Integrated Climate System Sciences, University of Hamburg (2019-2020)
- Chairman of METAR (Meteorological Research Student Club) at Istanbul Technical University (2006 - 2008)