

Arim Yoon

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EDUCATION

Mar. 2022 ~ Present	Max Planck Institute for Meteorology Climate science <i>Ph.D. Student</i>	Hamburg, Germany
Sep. 2019 ~ Present	Yonsei University Department of Atmospheric Sciences Thesis: Variety of Recent Major Heatwave Drivers in East Asia <i>Advisor: Jinkyu Hong</i> <i>Master Student</i> GPA: 4.21 / 4.3	Seoul, Korea
Mar. 2013 ~ Aug. 2019	Yonsei University Department of Atmospheric Sciences <i>B.S. in Atmospheric Sciences</i> GPA: 3.64 / 4.3	Seoul, Korea
Jan. 2016 ~ Jul. 2016	University of Vermont Environmental Science <i>International Student Exchange Program</i>	Vermont, United States

RESEARCH INTERESTS

- Soil moisture
- land-atmosphere interaction
- Hydrology
- Planetary boundary layer
- Climate change and extreme weather

WORKING PAPERS

1. "Variety of Recent Major Heatwave Drivers in East Asia" with Jinkyu Hong (in progress).

CONFERENCES

1. Poster Presentation : "Quantification of initial ground field production and spin-up period of soil moisture in East Asia using HRLDAS"., Arim Yoon, Jeongwon Kim, Jooyeop Lee, Wonseok Cho, Jinkyu Hong, "Autumn Meeting of KMS, 2020", Korean Meteorological Society, Seoul, Korea (Sep. 2020) - Poster

PROJECTS

- Irreversible Climate Change, Science Research Center, Korea / Analysis East Asia soil moisture over Climate change (Sep. 2019 ~ Present)
- Air quality-Climate interactive forecast system Building, National Institute of Environmental Research, Korea (Sep. 2020 ~ Present)
- Diagnosis Carbon-Climate interaction module using Climate system model, Korea Meteorological Institute, Korea / CMIP6 data Analysis (Mar. 2020 ~ Dec. 2020)

WORKING EXPERIENCE

- Research Intern at Department of Atmospheric science, Yonsei University, Korea (May. 2019 ~ Aug. 2019) / CMIP6 data Analysis
- Teaching assistant of 'Meteorological observation' at Department of Atmospheric science, Yonsei University, Korea (Mar. 2020 ~ Aug. 2020)
- Teaching assistant of 'Fortran programming' at Department of Atmospheric science, Yonsei University, Korea (Mar. 2021 ~ Present)

AWARDS AND HONORS

- Best Presentation Award in the 2020 fall conference of Korean Meteorological Society, Korean Meteorological Society, Korea (Oct. 2022)
- Scholarship, BrainKorea21 plus program, National Research Foundation of Korea, Korea (Sep. 2019 ~ Dec. 2019)
- Scholarship, BrainKorea21 plus program, National Research Foundation of Korea, Korea (Feb. 2020 ~ Aug. 2020)
- Best undergraduate student award, Yonsei University, Korea (Feb. 2018)

SKILLS AND TECHNIQUES

Program Language FORTRAN 77/95, LINUX shell, MatLab, Python

Software Excel, MatLab, NCAR graphics (NCL), Jupyter notebook, SigmaPlot, LaTeX

Mesoscale models WRF, WRF-water tagging

Other models Noah LSM, HRLDAS

EXTRACURRICULAR ACTIVITIES

- Blog Journalist of the Meteorological Administration of South Korea : https://kma_131.blog.me/220405902317 (Mar. 2015 ~ Feb 2016)
- Weather Observation Club activity in Yonsei University (Mar. 2015 ~ Jun. 2015)
 - Seoul Point resources observation using Cavity Ring Down Spectrometer, Making Google Map of

LANGUAGE

- Korean, Native
- English, Fluent