

Doyeon Kim

Climate Dynamics Lab
Ulsan National Institute of Science and Technology
50, UNIST-gil, Eonyang-eup, Ulju-gun, Ulsan, Republic of Korea, 44919
antdy3927@gmail.com
+82-10-4730-0979

Education

Ulsan, Korea

2022

Ulsan National Institute of Science and Technology
Ph.D. Urban and Environmental Engineering

Pusan, Korea

2016

Pusan National University

- B.S. Atmospheric Sciences
- B.S. Global Studies Program

Refereed Journal Publications

- Kim, J., Kang, S. M., Xie, S. P., Xiang, B., Kim, D., Zheng, X. T., & Wang, H. (2022). Large-scale climate response to regionally confined extratropical cooling: effect of ocean dynamics. *Climate Dynamics*, 1-16
 - Kim, D., Kim, H., Kang, S. M., Stuecker, M. F., Merlis, T. M. (2022). Weak future Hadley cell intensity changes due to compensating effects of tropical and extratropical radiative forcing.
 - Kim, D., Kang, S. M., Merlis, T. M., & Shin, Y. (2021). Atmospheric circulation sensitivity to changes in the vertical structure of polar warming. *Geophysical Research Letters*, 48(19), e2021GL094726.
 - Kim, D., Kang, S. M., Shin, Y., & Feldl, N. (2018). Sensitivity of polar amplification to varying insolation conditions. *Journal of Climate*, 31(12), 4933-4947.
 - Shin, Y., Kang, S. M., Takahashi, K., Stuecker, M. F., Hwang, Y. T., & Kim, D. (2021). Evolution of the tropical response to periodic extratropical thermal forcing. *Journal of Climate*, 34(15), 6335-6353.
 - Stuecker, M. F., Timmermann, A., Jin, F. F., Proistosescu, C., Kang, S. M., Kim, D., ... & Hayashi, M. (2020). Strong remote control of future equatorial warming by off-equatorial forcing. *Nature Climate Change*, 10(2), 124-129.
 - Stuecker, M. F., Bitz, C. M., Armour, K. C., Proistosescu, C., Kang, S. M., Xie, S. P., Kim, D., ... & Jin, F. F. (2018). Polar amplification dominated by local forcing and feedbacks. *Nature Climate Change*, 8(12), 1076-1081.
 - Park, K., Kang, S. M., Kim, D., Stuecker, M. F., & Jin, F. F. (2018). Contrasting local and remote impacts of surface heating on polar warming and amplification. *Journal of Climate*, 31(8), 3155-3166.
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Academic, research & Industrial experience

<i>Virginia, U.S.</i> 2023 - present	NASA postdoc researcher <ul style="list-style-type: none">▪ NPP fellows
<i>Ulsan, Korea</i> 2016	Climate dynamics lab (UNIST) <ul style="list-style-type: none">▪ Research assistant & teaching assistant
<i>Montreal, Canada</i> 2019	Atmospheric and Oceanic Science (McGill University) <ul style="list-style-type: none">▪ Research assistant
<i>Seoul, Korea</i> 2014	Korea Meteorological Administration (KMA)

Grants and Fellowships

2016 - present	Scholarship from UNIST, Ulsan National institute of Science and Technology
2018	Mitacs Globalink Research Award (Canada) - National Research Foundation of Korea
2011 - 2016	Scholarship from Korea Student Aid Foundation, KOSAF

Professional Activities

2021 U.S.	Invited webinar talk in PAMIP The atmospheric responses to different Arctic warming structure
2018 U.S.	Understanding and Modeling the Earth's Climate: A Symposium in Honor of Isaac Held Fully sponsored by GFDL (Geophysical Fluid Dynamics Laboratory)
2018 U.S.	Arctic System Change Workshop Fully sponsored by NCAR (National Center for Atmospheric Research)
2017, 2019 Taiwan	NTU-UNIST Climate Dynamics workshop Fully sponsored by National Research Foundation of Korea
2015 Pusan	3rd Place Super Computer Parallel competition in PNU

Conference Presentation

2021	CFMIP., Online
	Korea Meteorological Society., Online

2020	Korea Meterological Society., Online
2019	East Asia Workshop on Climate Dynamics, Pusan, Korea
2018	Understanding and Modeling the Earth's Climate: A Symposium in Honor of Isaac Held., Newyork, U.S. Arctic System Change Workshop., Boulder, U.S.
2017	NTU-UNIST Climate Dynamics workshop., NTU, Taiwan. Korea Meterological Society., Pusan, Korea.
2016	Korea Meterological Society., Pusan, Korea.

Languages and others

Language

- Korean (Mother tongue)
- Fluent in English
- Conversational in French
- Beginner in Spanish, Germany

Technical

- Microsoft Office (PPT, Word, Excel)
- Matlab, Python, Fortran, C++, Visual basic

Major

- Atmospheric environmental science knowledge
- Sociology, Economics, Laws in GSP (double major)