

# Curriculum Vitae

Last update: Jun 2019

## Hoonyoung Park

- Postdoctoral fellow,  
Department of Environmental Planning, Graduate School of Environmental Studies,  
Seoul National University, Seoul, Republic of Korea
- Office: Bd. 220-224, Seoul National University  
Tel : +82-10-7393-1381  
E-mail : [hyupark432nm@gmail.com](mailto:hyupark432nm@gmail.com)  
ORCID: <https://orcid.org/0000-0002-7856-5218>  
Researchgate: [https://www.researchgate.net/profile/Hoonyoung\\_Park](https://www.researchgate.net/profile/Hoonyoung_Park)

### Education:

- 2013.3 - 2018.8 Ph.D. in School of Earth and Environmental Sciences,  
Seoul National University, Korea  
(Dissertation title: The Response and Impact of Spring Phenology to Climate Change in  
the Northern Hemisphere)
- 2011.3 - 2013.2 M.S. in School of Earth and Environmental Sciences,  
Seoul National University, Korea
- 2007.3 - 2011.2 B.S. in School of Earth and Environmental Sciences,  
Seoul National University, Korea

### Research interests:

- Vegetation phenology and its interactions with the Earth system
- Behaviors of terrestrial carbon cycle responding to climate change
- Other topics in atmospheric and climate science

### Awards and Honors:

- 2019, S-OIL Dissertation of the Year Award (the 2nd prize in Earth Sciences),  
S-OIL science prodigy and culture foundation
- 2013, The Best Poster Presentation at the 5rd International Workshop on  
Climate/Environment Change, Ewha Womans University
- 2011 Outstanding Paper Award of poster session at the 3rd International Workshop on  
Climate/Environment Change, Ewha Womans University

- 2007-2011, National Science and Technology Scholarship for undergraduate students, Korea Student Aid Foundation

## Projects:

- Principal investigator of <Climate-Ecosystem-Carbon Nexus: Investigation of terrestrial ecosystem and carbon cycle responses to climate change and variability> (2019-2021), supported by Korea National Research Foundation.
- Participating in <Synthesis of bottom-up scaling of terrestrial carbon dioxide flux over East Asia> (2018-2020), supported by Korea Meteorological Institute.
- Participated in <Technical development of vulnerability assessment for extreme climate> (2016-2018), supported by Korea Ministry of Environment.
- And participated in several other projects related to climate change.

## Publications:

2018

- Jeong, S. J., Park, H., Ho, C. H., & Kim, J. (2018). Impact of urbanization on spring and autumn phenology of deciduous trees in the Seoul Capital Area, South Korea. *International journal of biometeorology*, 1-11.
- Park, H., Jeong, S. J., Ho, C. H., Park, C. E., & Kim, J. (2018). Slowdown of spring green-up advancements in boreal forests. *Remote sensing of environment*, 217, 191-202.
- Yun, J., Jeong, S. J., Ho, C. H., Park, C. E., Park, H., & Kim, J. (2018). Influence of winter precipitation on spring phenology in boreal forests. *Global change biology*, 24(11), 5176-5187.
- Park, C.-E., Jeong, S.-J., Joshi, M., Osborn, T. J., Ho, C.-H., Piao, S., Chen, D., Liu, J., Yang, H., Park, H., Kim, B.-M., and Feng, S., 2018, Keeping global warming within 1.5 °C constrains emergence of aridification, *Nature Climate Change*, doi:10.1038/s41558-017-0034-4

2017

- Park, C. E., Jeong, S. J., Ho, C. H., Park, H., Piao, S., Kim, J., & Feng, S. (2017). Dominance of climate warming effects on recent drying trends over wet monsoon regions. *Atmospheric Chemistry and Physics*, 17(17), 10467-10476.

2015

- Park, H., Jeong, S. J., Ho, C. H., Kim, J., Brown, M. E., & Schaepman, M. E. (2015). Nonlinear response of vegetation green-up to local temperature variations in temperate and boreal forests in the Northern Hemisphere. *Remote Sensing of Environment*, 165, 100-108.