

Doo-Sun R. PARK

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Doo-Sun Park is a research assistant professor of Seoul National University, from which he got his B.S., M.S., and Ph.D. degrees in Earth and Environmental Sciences. He got his Ph.D. in August of 2013. The thesis title is “Long-term changes in tropical cyclone intensity and its impacts on coastal countries of East Asia. As can be deduced from his thesis title, his main research interest is typhoon activity and its impact on coastal countries from climatic and economic perspectives; more specifically 1) developing forecasting system of typhoon risk probability, 2) projecting future typhoon risk under global warming, and 3) suggesting effective disaster prevention plans against climate change. He has 10 peer-reviewed papers and 2 patents related with this topic. He has various statistical knowledge and skills as well as atmospheric science. He is skilled in nonparametric statistics, statistical downscaling, and various data mining techniques. Recently, he is developing a typhoon risk forecasting system for an operational use. He worked at Seoul National University as a postdoc until August of 2016, and became a research assistant professor of Seoul National University. He also has a research experience and knowledge on the recent Arctic sea-ice reduction during his one-and-half-year visit to the Pennsylvania State University.