

## Biography

I have studied the dynamical downscaling for about two years and conducted two ensemble experiments with WRF to investigate the impact of physical processes and nudging parameters. In fact, I was interested in weather system three years ago, particularly typhoon and even dreamed about to be a storm chaser. But it's dangerous and climate models can describe the future of the earth. After that, I turned to make contributions to conduct a more credible climate system and will do some research on global warming limits to help governments make efficient policies. Climate sensitivity and added value are the focuses in my work. As far as I go deep into regional climate model, I find climate system and responses are more complex than I can image. I have an urge to find out how to reduce the added value when we use RCMs to obtain more reliable climate reproduction and projection than GCMs, especially when my parents and friends complain the weather forecast is always inaccurate.