

Interview with early career scientist



Linyun Yang

What is your biggest source of inspiration in pursuing your career in climate science? Or, what do you see as the biggest challenge of current/future climate science you wish to address?

Actually, we are all standing on the shoulders of giants. A normal learning routine for me to have a knowledge of recent hot pots or something I feel interesting are consisted of reading good scientific papers, learning state-of-the-art methods and analyzing how the outstanding colleagues design their experiments. And then, when I find a problem which others didn't work on but I am curious about, I won't hesitate and try valiantly to establish a frame of a scientific experiment. Most significantly, doubt the previous words and dare to find a new or improved method to resolve the question based on the state-of-the-art methods which have not been applied in climate science successfully or widely. In general, curiosity, learning, brave question and association are my sources of inspiration in pursuing my career in climate science and the biggest one is association, the last step mentioned above.

How would you see yourself contributing to climate science in the next 10 years?

As you know, I will stay in school about 3 years. In the three years, I intend to deepen the understanding of air-land interactions and provide some predicted results of frozen soil at different global warming limits over Tibetan Plateau. Then I hope I can find a connection between deep learning and climate science to reduce the added value in regional climate models. It's our duty to adapt to the change of technology and utilize new techniques to build a credible climate or earth system. In addition, I would like to learn from other outstanding scientists in different fields and dream of working for an international program after I complete my PhD education. Collaboration in science across the world is the key to a better earth, which I will dedicate myself to.