

Interview with early career scientist



Julian Giles

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?

Definitely seeing the Earth's climate change so rapidly due to human activities is my main source of inspiration. These changes are taking the planet to an unprecedented state, something that we never experienced before. There are still a lot of big questions unanswered about how the climate system works and how we can predict future changes, from the models ability to reproduce this complex system to the understanding of the most essential processes that define it. But maybe the biggest question of all is how we can effectively transfer the knowledge we scientists produce into useful information and solutions to the climate change problem and our adaptation to it.

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

I find the climate science field fascinating and since I am just starting to insert myself in it I feel like I have a lot to explore in the coming years. In that aspect the GEWEX Open Science Conference was a great starting point for me and I look forward to grow the connections to the scientists I met and keep doing relevant research. Right now I am studying the land atmosphere interactions in South America, focused on land characteristics and their influence on precipitation, and I hope my research contributes to understand the mechanisms underlying this relationships.