

Flagship: Radiation management for Climate Engineering

My research centers around the impact that tiny aerosol particles have on the formation of clouds, and how uncertainties associated with cloud formation are driven by a changing climate. Within the TU Delft Climate Action Programme, I also explore whether cloud-based radiation management could contribute to avoiding detrimental temperature increases and extreme events. As part of my research, I am particularly excited about bringing together interdisciplinary perspectives on climate interventions.

About Isabelle Steinke

Dr. Isabelle Steinke joined the Faculty of Civil Engineering and Geosciences in 2023. Previously, she was an independent research fellow at Karlsruhe Institute of Technology (Germany) and a postdoctoral researcher at Pacific Northwest National Laboratory (USA) and Leipzig University (Germany). She obtained her PhD in (Atmospheric) Physics from Karlsruhe Institute Technology and Heidelberg University in 2013.

Contact

i.m.steinke@tudelft.nl

