

Agenda of the VollImpact summer school, September 20 – 24, 2021



Time (MEST; UTC+2)	Monday, September 20	Tuesday, September 21	Wednesday, September 22	Thursday, September 23	Friday, September 24
13:00 – 13:30	Welcome & Logistics				
13:30 – 14:30	Thor Hansteen: Introduction to volcanic emissions	Ali Hoshyaripour: Modeling volcanic emissions	Matt Toohey: Volcanic impacts on atmospheric dynamics	Roy Grainger: Measuring Volcanic Plume Properties from Space	Corinna Hoose & Johannes Quaas: Volcanic effects on clouds
14:30 – 15:30	Terry Deshler: In situ measurements of stratospheric aerosol: How they're made and why they're useful	Ali Hoshyaripour: Modelling lab: Estimations of source parameters and emission profile	Anja Schmidt: Assessing the climate effects of volcanic eruptions in an aerosol-climate model using SO ₂ emissions	Adam Bourassa: Satellite observations of stratospheric aerosols	Ulrike Niemeier: Climate engineering: May we cure the symptoms of a changing climate?
15:30 – 16:00	Break				
16:00 – 17:00	Lauren Marshall: Overview of Climate & atmospheric effects of volcanic eruptions	Claire Witham: Forecasting volcanic ash dispersal	Anja Schmidt & Lauren Marshall: Modelling lab: Using a simple climate model to assess the climate response to volcanic eruptions + Summary simulation results	Alexei Rozanov: Computer lab on DOAS retrievals	Feedback + Closing remarks
17:00 – 18:00	Introduction of participants	Poster session I	Poster session II		