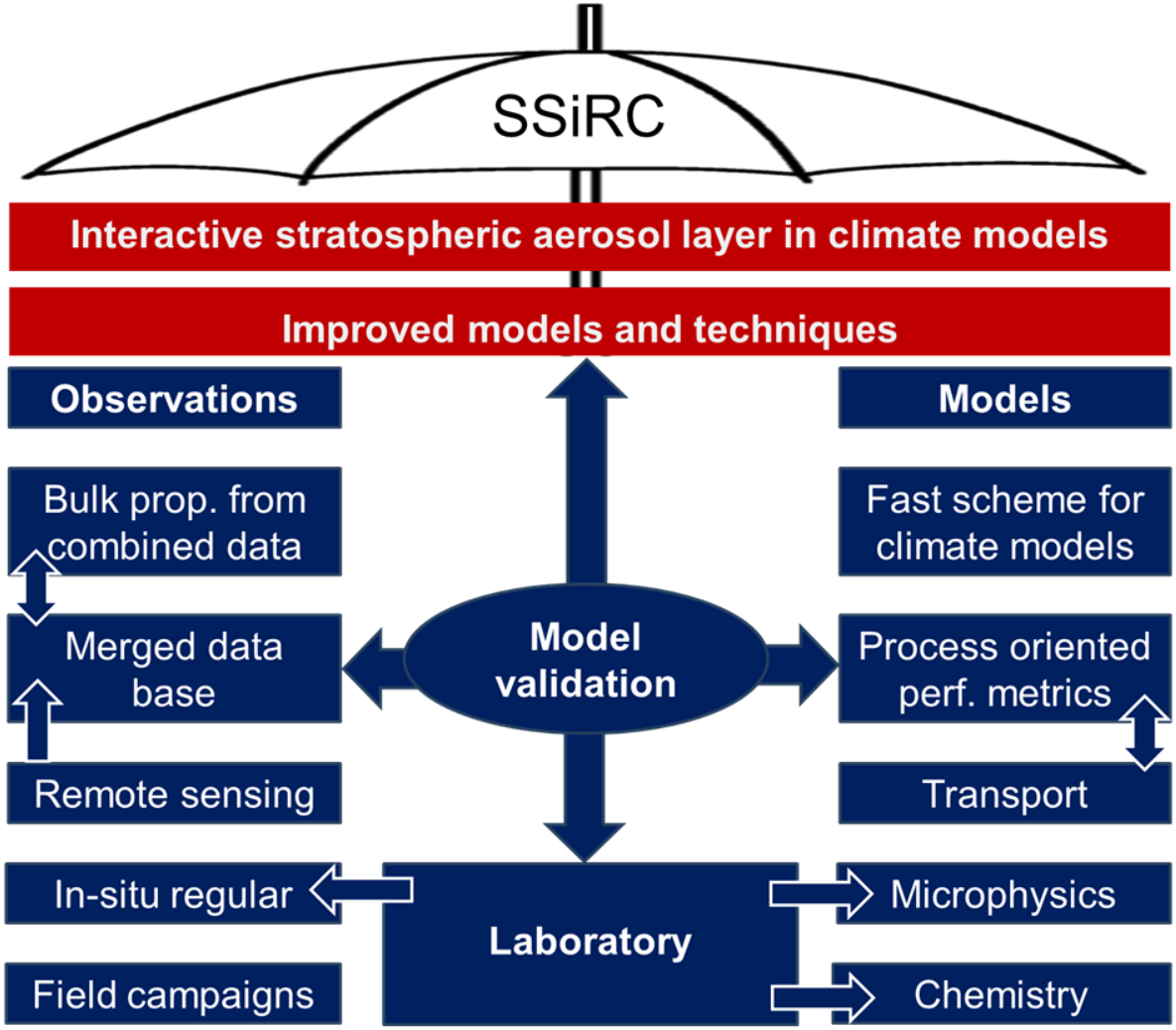
Stratospheric Sulfur and its Role in Climate (SSiRC)



SSIRC is a new SPARC activity aimed at facilitating an improved understanding of the role of stratospheric sulfur in climate

Coordination Team

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SSiRC workshop

28-30 October 2013, Atlanta, Georgia, USA

Workshop goals:

- to link the various individual activities
- discuss requirements for the inclusion of interactive sulfur chemistry and aerosol microphysics in CCMs and ESMs

➢ **to initiate new model and data inter comparisons -> Session 4**

Workshop topics include:

- Measurements of sulfur containing species and aerosol in the stratosphere and the tropical troposphere,
- Process studies of sulfur chemistry, aerosol microphysics and the interactions with dynamics and transport in the UTS
- Impact of volcanic eruptions on climate and atmospheric composition.
- Studies of the climate response to variations in UTS aerosol.
- Climate engineering schemes based on stratospheric aerosols.

➢ **Preliminary program available at the poster**

➢ **Attendance of AeroCom Members very welcome**

➢ **Last minute poster submission still possible**