*Section 3.4* Extended impacts of ARM

1. **The SCM concept and creation of forcing datasets** – Zhang and Somerville

Outline

* 1. The concept of SCM - Richard
  2. Early studies using SCMs - Richard
  3. Requirement on large-scale forcing data - Minghua
  4. Forcing data from field experiments prior to ARM – Minghua
  5. The ARM variational analysis of forcing data - Minghua
  6. Input data in the ARM variational analysis – Shaocheng
  7. Soundings
  8. Profilers
  9. Satellites
  10. Surface
  11. Operational analysis as backgrounds

1.7 Available ARM forcing datasets - Shaocheng