

- A few comments on CMIP5/6 based on the RCPs from the viewpoints of IAM/IAV community.
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- Needs for extension or revision of RCPs for CMIP6 experiments? (or expectation to the appearing SSPs?)
  - e.g. Missing variables for new generation CM experiment, further spatial disaggregation, further temporal extension than ECPs, etc.
    - It would be valuable that blueprints of CM revolution during the CMIP6 process are shared with and recognized by IAM modelers at the earliest timing.
- (In)consistency of RCP3PD with the 2 degree target
  - Treatment of the uncertainty range of climate sensitivity assessed in WG1-AR5 in IAMs' simple climate models
  - Different representation of C-cycle between IAMs and BGC models.
  - RCP 3.x between RCP3PD and RCP4.5 for compatibility with 2°C target?
- Pattern scaling
  - Applicability for climate parameters other than temperature and precipitation
    - e.g. solar radiation (directly affected by regional distribution of aerosol emission)
- Guidance materials for IAV researchers to utilize CMIP5/CMIP6 data more appropriately
  - e.g. How to choose limited number of climate scenarios based on the RCP scenarios for impact analyses in a specific region/sector?