

Future scenarios for energy & climate

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We aim to discuss and potentially reach a consensus about which element of the climate-model-output to energy-system-decision pipeline should receive the most attention. Specifically, we will address the following question:

Where is energy-climate research lacking the most?

- A. Good enough climate inputs (model suitability, appropriate resolution and variables, CMIP7 data request)
- B. The right scenarios (including overshoot and tipping points??, volcanoes in future CMIP projections?)
- C. Defensible conversion from climate to energy
- D. Climate-dependent energy system modeling
- E. Technology and cost uncertainty
- F. All of the above

The idea is to have a poll at the start and end of the session (when participants are fresh vs. after all opinions where exchanged). In the session itself, we aim to have two presentations by advocates of individual parts (A-F).