Focus of the P2F Working group

The P2F challenge

To use paleoclimate information to improve predictions of climate change

Strategy - methodology

- 1. Identify and document quantitative relationships between past and future runs and check consistency with available observations.
- 2. Identify and implement suitable methodologies to use the information to explore quantitative constraints on future climate change.
- 3. Identify whether underlying mechanisms between past and future changes are the same.

Code for methodologies should be fully published to enable participation of others

Targets

- 1. Estimating future climate by exploring information from multiple PMIP intervals.
- 2. Exploring divergent estimates of climate sensitivity towards reconciliation.
- 3. Predicting regional climate change beyond climate sensitivity

Other things

Considerable interaction with the rest of PMIP will be required.

- Model and data from all intervals needs to be publicly available.
- P2F analyses focus on quantitative methodologies so will require input from process based experts

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