

The future of ocean model development

- Society is asking more from climate models: larger ensembles, higher resolution, coupled Earth-system complexity, and actionable regional information.
- What Climate-related questions do ocean model need to answer?
- Improving the realism of the ocean component remains a key priority for climate prediction, what missing processes do we think still need accurate representation?
- What capabilities will we need to address these questions? (resolution, computational speed, local refinement, higher accuracy, better diagnostics, interpretability of the outputs, accessibility...)