



ESMs & community/regional decision support: Alaska perspectives

Hajo Eicken, International Arctic Research Center, University of Alaska Fairbanks | InterFACE

- Actionable ESM output?
→ Model maturity & emerging Arctic information needs converging: Resource & lands management, infrastructure planning
- Constraints on actionable ESM output:
 - (1) *Relevant processes captured*
 - (2) Output resolution aligns with needs
 - (3) *Robustness/uncertainty measure*
 - (4) Information appropriate for planning/decision-making context
 - (5) *ESM output compatible with knowledge co-production*

