

Instructions

Potential questions

- What research are you planning or would like to do that uses ACCESS?
 - Climate, atmosphere and ocean modelling (relationships between these, identify tipping points and regime shifts), ecological applications (how ecosystems change as a result of env change), financial applications (financial impacts of env changes)
- In what ways do you use ACCESS?
 - Model outputs used as inputs for the development of other models for forecasting climate
 - Understand the ecological impacts of environmental change brought by climate change (marine ecosystems)
 - Calculation of climatologies – but these calculations are not always shared freely (may be a useful to others, could this be shared?)
 - Forecasting weather (seasonal, subseasonal), identifying extreme weather events
 - Often ensembles are used instead of a single model
- What would make ACCESS easier to use?
 - Examples of how to access and process model outputs
 - How do you identify a good quality model to answer your research question
 - Make data ready for analysis (see issue for metadata below) - Correcting any errors in published data instead of only issuing an errata.
- What are barriers to using ACCESS for you?
 - Identifying people responsible for managing different models
 - Metadata sometimes is not standardised and could make it difficult for users to access and analyse data

ACCESS data and output

	Idea	Short (< 1 year) Medium (1-2 yr) Long (2-5 yr)	NRI team
1	Post-processing pipelines as part of configurations	Medium	User
2	Data usability – standard tools/example scripts	Medium	User
3	Data quality, errata, bugs	Medium	User
4	ACCESS Data discovery – ready for application	Short	User
5	Support/help-desk/website	Short	User
6	Data use statistics & tracking	Medium	User
7			

- Who is running what, keeping track of different simulations
- Standard tools for post-processing & publishing data, consistently

- Maintaining legacy data for newer tools
- Manage issues in published data & dealing with broken metadata
- QA/QC
- Errata