

Where to with CSIRO's seasonal forecasting and applications research?

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History

- strong involvement in seasonal forecasting and its application from the 1990s
- characterised by good linkages between the seasonal forecasting and its application
- from about 2006 onwards, relatively more emphasis on climate change
- some fragmentation of effort in the seasonal forecasting area and its application, exacerbated by funding challenges
- forecasting skill seen as biggest challenge, relatively modest application of forecasts, investment in POAMA

Today

- understanding decadal modes of variability
- POAMA application, interaction with synoptic drivers
- expansion of forecasting application to salmon, mining
- international development work (Indian Rim)
- engaging on climate change through lens of current climate variability, seasonal and extremes

Where to from here?

- better integration of activities within CSIRO
- multi-week, seasonal to decadal in applications
- much broader end-user application than agriculture
- needs increased investment internally
- going beyond MCV

Questions without prejudice and in ignorance

- Why not use multi-model ensembles rather than just POAMA pseudo-model ensemble?
- What is development plan for POAM3/ACCESS?
- Plans for forecast delivery and communication?

Thank you

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