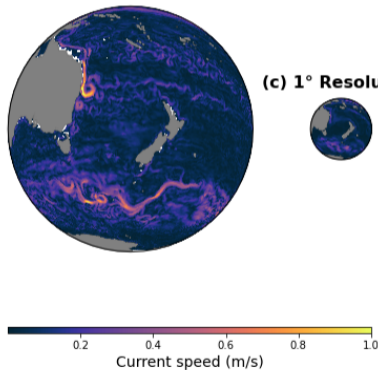


(a) 0.1° Resolution

Future COSIMA directions

(b) 0.25° Resolution

(c) 1° Resolution



Why COSIMA?

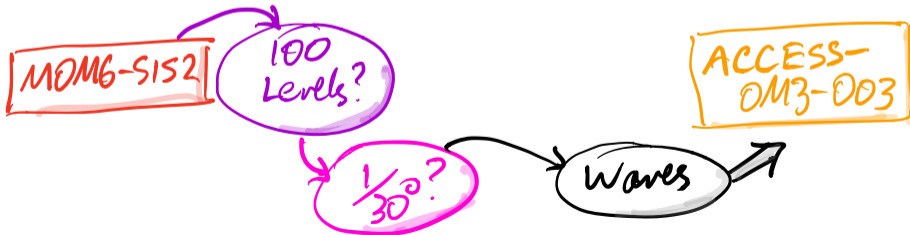
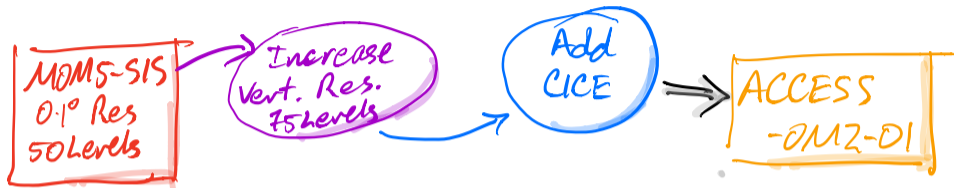
COSIMA Principles:

- Community-oriented
- Open code development
- Open data
- Responsive to partners

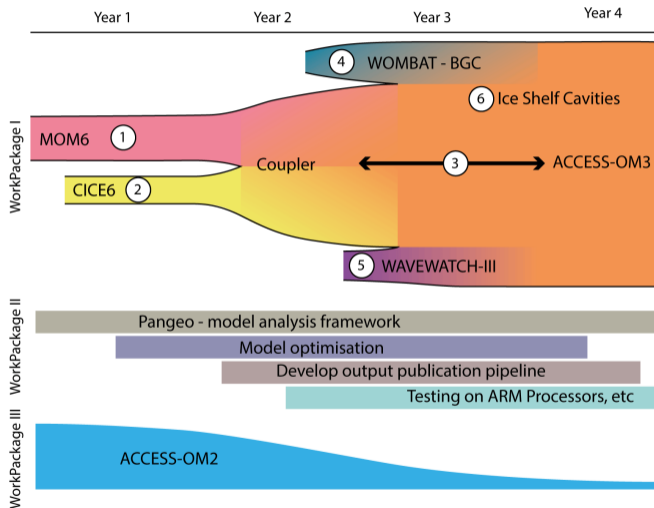
COSIMA Goals:

- ① To develop ocean-sea ice model configurations for the Australian community;
- ② To underpin operational requirements (e.g. Bluelink, etc);
- ③ To build and maintain the ocean-sea ice modelling community;
- ④ To support research projects (especially student projects).

The COSIMA Linkage Project



COSIMA Redux (a new Linkage Project)



COSIMA Goals:

- MOM6:
 - ▶ Regional configs
 - ▶ ALE vertical coordinate
 - ▶ Long tracer timesteps
- CICE6
- WOMBAT biogeochemistry
- Waves
- Optimisation & Analysis
- Maintain ACCESS-OM2