



ACCESS

Australian Earth System Simulator
National Research Infrastructure



C  **SIMA**

COSIMA & ACCESS-NRI

Takeaway message:

- ACCESS-NRI will form partnerships with the research community;
- COSIMA is a key community for us;
- COSIMA & ACCESS will likely invest in a common set of development goals.

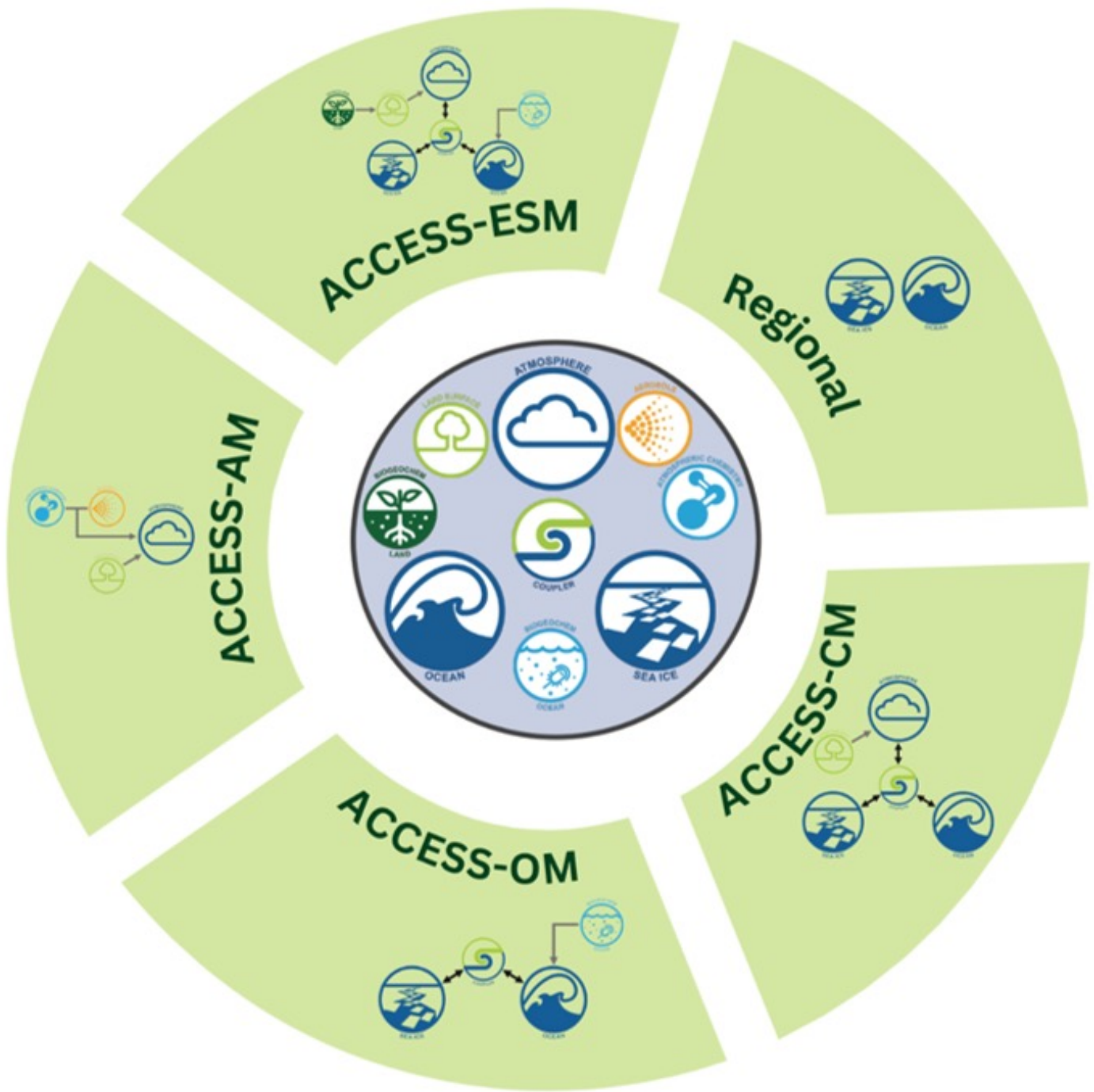


Component Models



Component Models

Configurations



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Configurations

Software & Tools





Where do we align?

1. Model releases & documentation



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2. COSIMA Cookbook +



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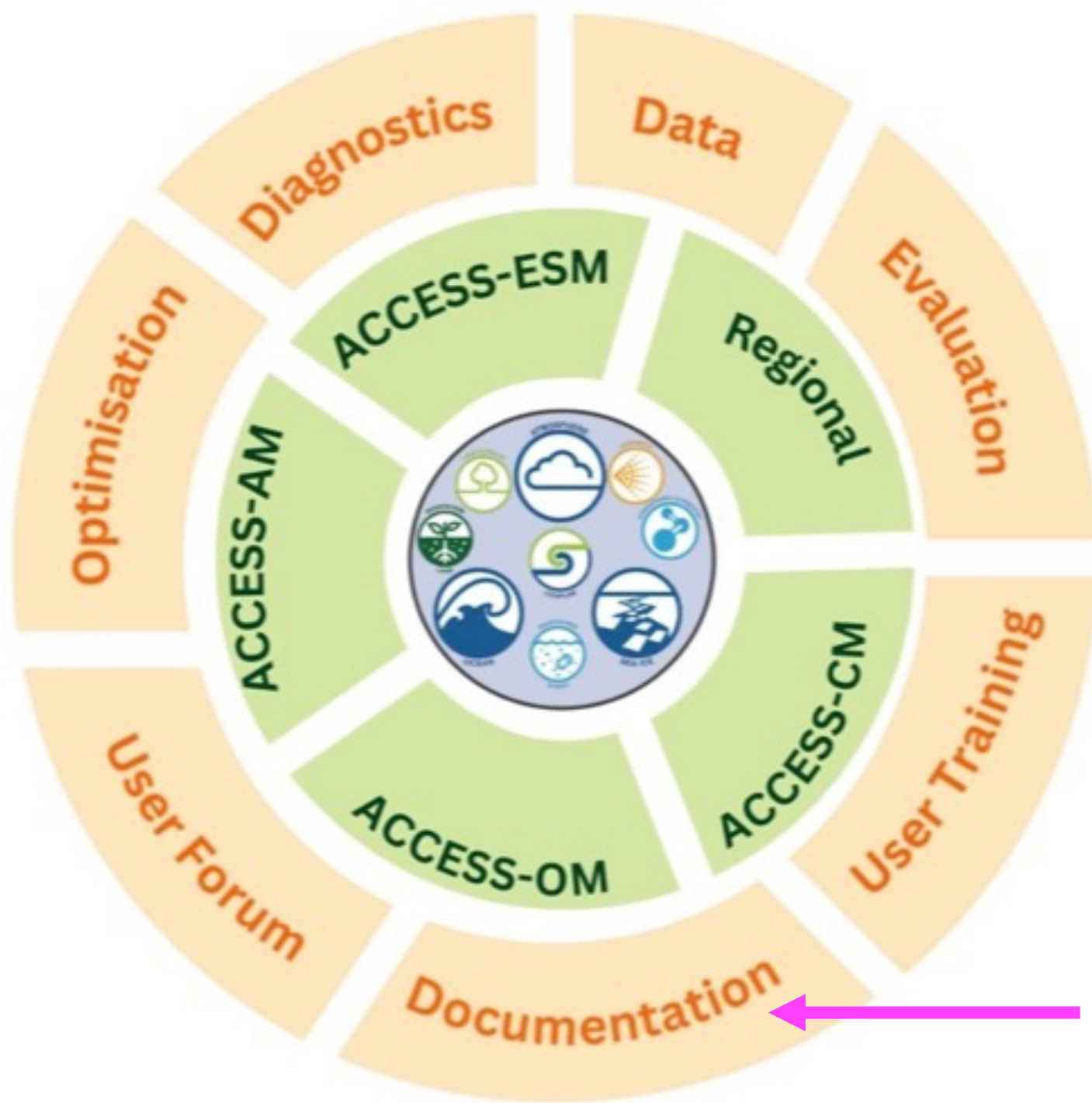
2. COSIMA Cookbook +

3. MOM6, CICE, WW3, NUOPC adoption



Where do we align?

1. Model releases & documentation
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4. Discussion Forum



Where do we align?

1. Model releases & documentation
2. COSIMA Cookbook +
3. MOM6, CICE, WW3, NUOPC adoption
4. Discussion Forum
5. ACCESS-Hive

ACCESS-Hive

access-hive.org.au

A community space to index
available documentation relevant to
the ACCESS Community

Not Intended to host
documentation **BUT links to the
documentation!**

Populated and curated by
ACCESS-NRI AND YOU via GitHub
Pull requests

Ask us to join the GitHub
Organisation



The image shows two screenshots of the ACCESS-Hive website. The top screenshot is the main page, which has a teal header with the ACCESS-Hive logo, a search bar, and navigation links. The main content area is titled "ACCESS-Hive" and includes a description of the portal, a list of contributors and forum users, and a table of contents. The bottom screenshot shows the "Ocean Model Component" page, which features a warning box about contributing, a description of the Modular Ocean Model (MOM), and a link to the MOM5 source code. The page also includes a table of contents and a logo for the Ocean Model Component.

ACCESS-Hive

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ACCESS-Hive

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License

ACCESS-Hive

ACCESS-Hive is a portal to all documentation relevant to the Australian Community Climate and Earth System Simulator, ACCESS, and the wider ACCESS community. ACCESS-Hive is developed for and by the ACCESS community following an open-source development.

ACCESS-Hive is part of an effort to design higher quality and more accessible documentation for ACCESS and its community. Providing a single access point to any relevant documentation improves the accessibility and visibility of the documentation. As a portal, ACCESS-Hive provides links to documentation hosted on other sites. It is not intended to host the documentation itself.

ACCESS-Hive is curated to ensure it is relevant and of reasonable quality, and all links have an annotated summary to help you find what you need. Annotations also makes the in-built live search function extremely effective.

ACCESS-Hive

Search

ACCESS-Hive

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The Modular Ocean Model (MOM)

MOM5

MOM6

We need you to contribute!

The ACCESS-Hive is a community resource that is a work in progress. Can you help to add content to this page? We'd love to receive your contribution. See our [contributing guidelines](#) for details of how to provide content. You can also [open an issue](#) highlighting any content you'd like us to provide but aren't able to contribute yourself.

The Modular Ocean Model (MOM)

The Modular Ocean Model (MOM) is one of the ocean components of the ACCESS climate model system. MOM is a tool for studying the global ocean climate system, as well as capabilities for regional and coastal applications.

MOM5

[Source Code](#)

OCEAN

ACCESS-Hive

forum.access-hive.org.au

A community space to:

- **Engage** with the **ACCESS Community**
- **Discuss** needs and plan the future
- **Build** a collection of questions and answers for the **ACCESS Community**.
- **Seek** assistance from **ACCESS-NRI**

PLEASE JOIN and tell us what you need!

The screenshot shows the forum's main page. A green header bar contains the forum logo, navigation links for 'ACCESS-Hive' and 'ACCESS-NRI', a search icon, and a user profile icon. A left sidebar lists navigation options: 'Community' (with sub-items 'Everything', 'Tracked', 'My Posts', 'Admin', 'More'), 'Categories', 'Messages', 'Inbox', and 'admins'. The main content area features a blue notification banner about bootstrap mode. Below it are filters for 'all categories', 'all tags', and a 'Categories' button. Four category cards are displayed: 'Atmosphere' (with sub-tags 'ACCESS-AM' and 'Unified Model (UM)'), 'COSIMA' (with sub-tags 'Ocean', 'Sea Ice', 'Waves', and 'Biogeochemistry'), 'Land Surface' (with sub-tag 'CABLE'), and 'Ocean' (with sub-tag 'ACCESS-OM'). A '+ New Topic' button is in the top right.

This screenshot shows the 'COSIMA' category page. The header and sidebar are identical to the previous screenshot. The main content area displays the 'COSIMA' category header with a map of Australia icon and the description 'Ocean, sea ice, wave and ocean BGC modelling.'. Below the header are filters for 'COSIMA', 'all', 'all tags', and 'Latest' (which is selected). A table lists the sub-categories and their topic counts:

Category	Topics	Latest
Ocean	0	
Sea Ice	0	
Waves	0	
Biogeochemistry	0	

A '+ New Topic' button and a notification bell icon are located in the top right corner of the content area.