

UFS Community Modeling Board

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Unifying Innovations in Forecasting Capabilities Workshop

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Proposed CMB Vision and Mission

Advance unified, world-leading, fully coupled, Earth system models for research, operations, and applications.

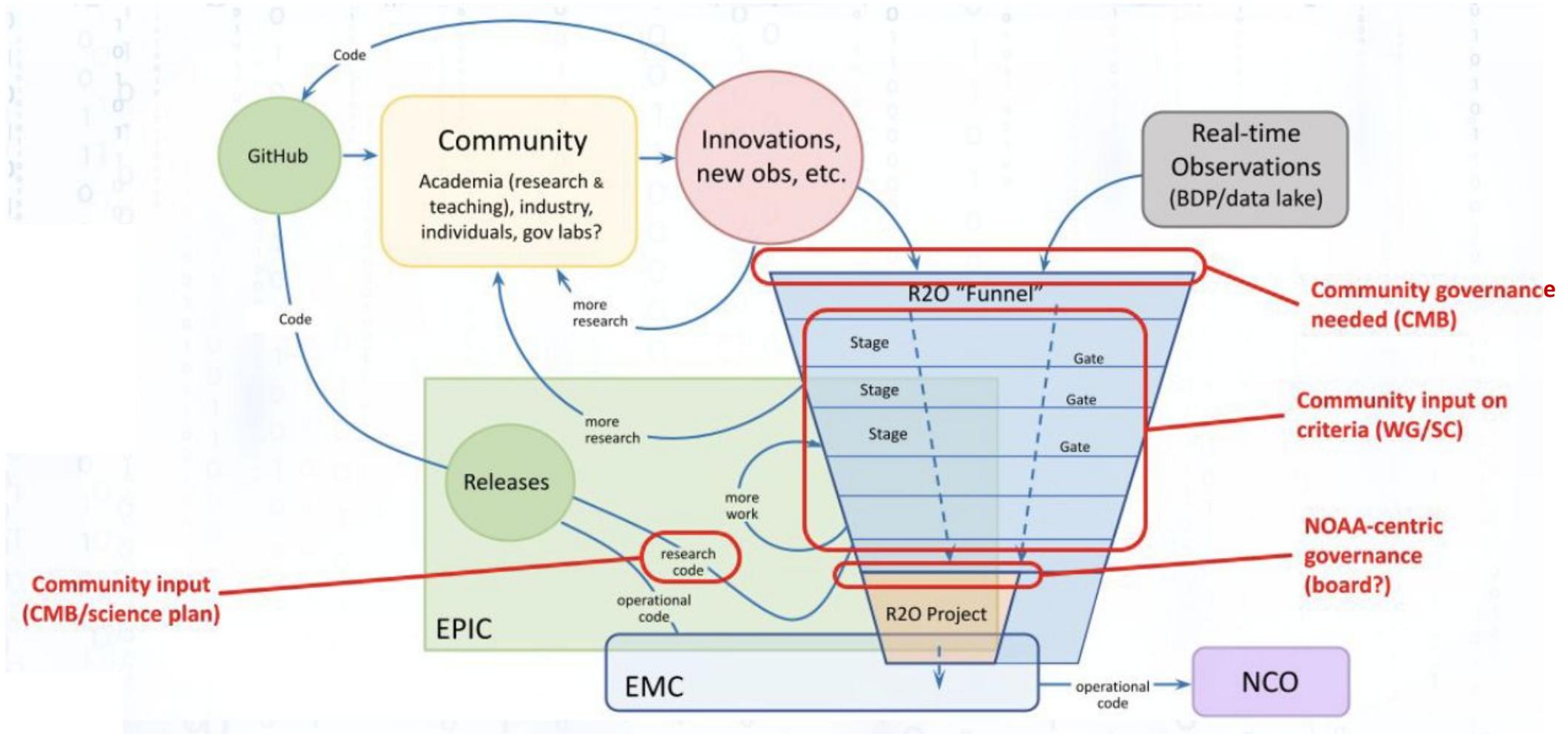
Draft charter: To unify the advancement of world-leading, fully coupled, Earth system models for research, operations, and applications, the Community Modeling Board (CMB) shall be chartered to:

- **Engage:** Enhance community communication, collaboration, and coordination on the UFS within the broader Weather and Earth system modeling community across private sector, academia, agencies/organizations.
- **Engage:** Serve as a point of contact for the community expertise to collaborate on advancing the UFS. Assist with leveraging the capabilities of the external community.
- **Advise:** Provide strategic advice to the UFS Steering Committee (UFS-SC) and the NOAA Modeling Board (NMB) on the UFS.
- **Advise:** Provide recommendations on best practices/processes, and innovative ideas for the UFS to the UFS-SC.
- N.B.: The community modeling program is for the community and by the community. NOAA is just one of potentially multiple stakeholders within the community.

CMB Advisory Roles (vide Neil's diagram)

- Recommend innovations from community to feed into the top of the R2O funnel
- Recommend innovations that, having passed some of the R2O gates, should be released as “research code” even if they don't move farther toward operational implementation
- Represent the interests of the community to facilitate the transition to operations (T2O)

Neil's diagram



Questions for Audience Feedback

1. How should CMB enhance UFS engagement by the broader Earth system modeling community across private sector, academia, agencies/organizations?
2. What steps should CMB take to leverage community expertise and capabilities?
3. Do you agree with the process described by Neil's diagram? Any flaws?
Are there other steps in the process where governance/decision-making needed?
4. Composition of CMB? Include sponsors? Liaisons needed?
5. How much autonomy should the CMB have with respect to any one stakeholder, including NOAA?
6. How can UFS Steering Committee steer more firmly and effectively?
What are relative roles of UFS-SC vs the NOAA Modeling Board (NMB)
7. UCAR UCP seems like the most logical place to host the CMB; - do you agree?
8. How can CMB best represent the interests of the community to facilitate the transition to operations (T2O)?