

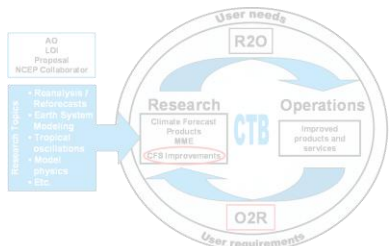
Advancing Climate Prediction: The Climate Test Bed

Mission

- *To accelerate the transition of scientific advances from the climate research community to improved NOAA climate forecast products and services*

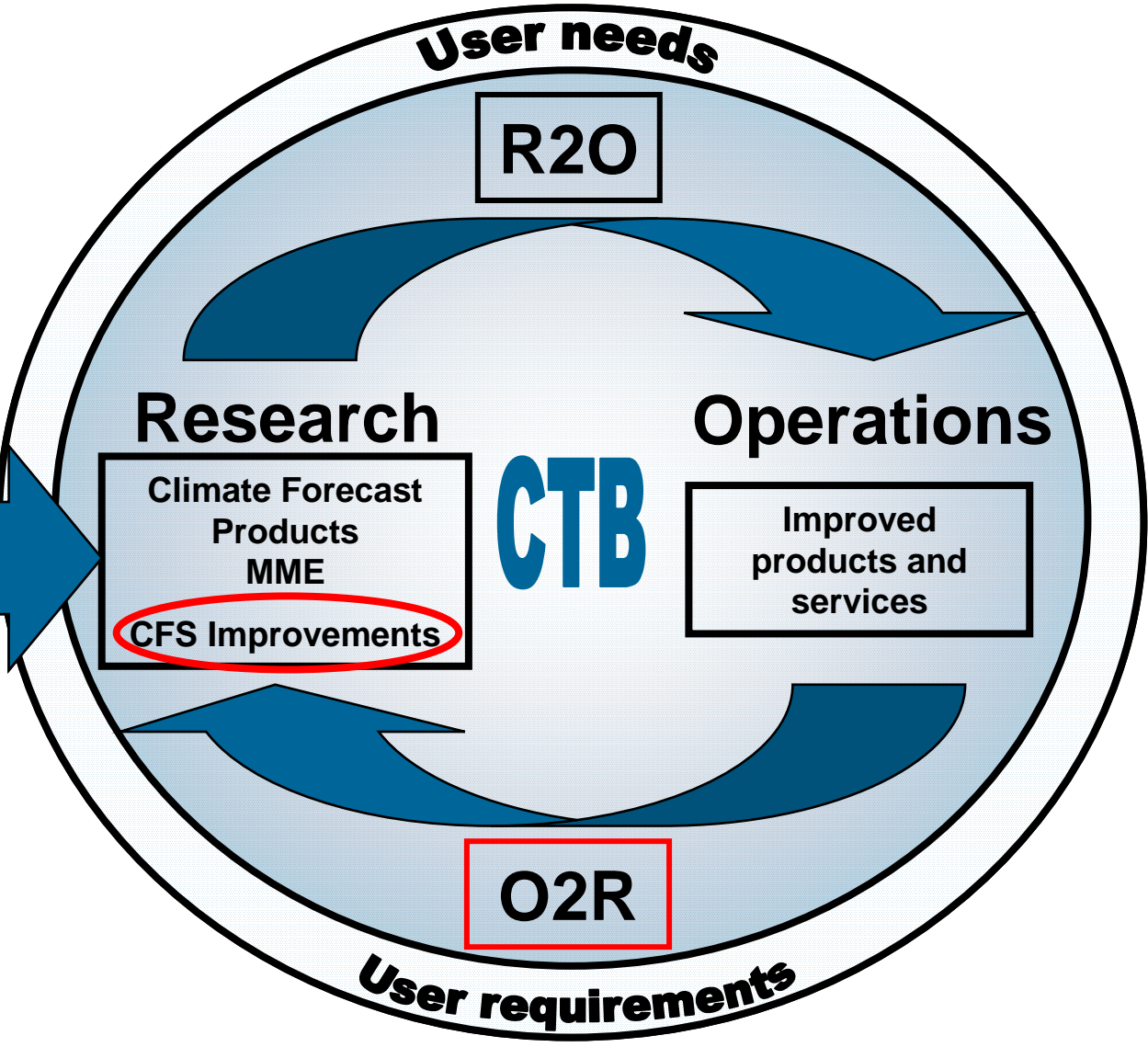
Structure

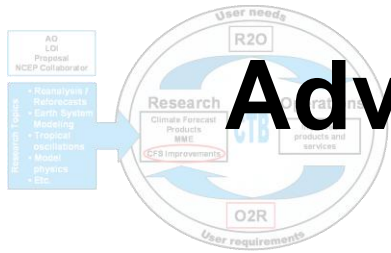
- Management Oversight Board
- Steering Committee
 - To provide guidance and knowledge on CTB issues
 - Contribute to setting priorities
- Announcement of Opportunity (AO)
- NCEP collaborators for projects
- Letters of Intent / Proposals
- Links to NIDIS (drought)
- Evolving focus – Climate Research and Modeling
- Proposal / grants process managed by NOAA Climate Program Office
- 1/3 NCEP research computer



AO
LOI
Proposal
NCEP Collaborator

- Research Topics**
- Reanalysis / Reforecasts
 - Earth System Modeling
 - Tropical oscillations
 - Model physics
 - Etc.



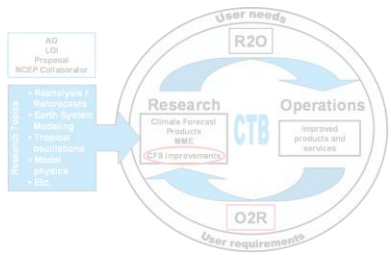


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Research to Operations (R2O)

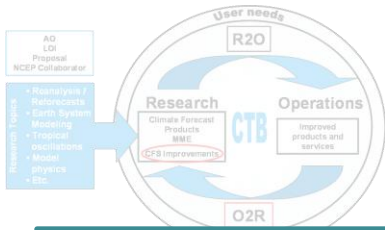
Operations to Research (O2R)

- **Focus Areas**
 - ***CFS Improvements***
 - *Dynamics*
 - *Physics*
 - *Coupled Ocean Atmosphere Land Cryosphere*
 - ***Multi Model Ensemble (MME) Prediction Systems***
 - *Consolidation techniques*
 - *International and National systems*
 - ***Climate Forecast Products***
 - **Improving Climate Products in Collaboration with the External Community (CPC/CTB-RISA Program)**
 - **GIS in GRADS**
 - **Forecast Evaluation Tool**
- **CTB Seminar Series**
- **Distinguished Visiting Scientist Program (FY10)**



CTB in the Future

- Increased number of supported projects
- Links to other NOAA programs to facilitate the incorporation of relevant climate information into their products and services
 - Oceans and Human Health
 - Marine/Coastal Programs
 - Fisheries
 - Air Quality
 - Water/hydrology
 - Arctic
 - Others
- Model Test Facility
- Enhanced Visiting Scientist Program



Proposed Changes for CTB CxEx CxHx Cx

