

The Developmental Testbed Center (DTC)

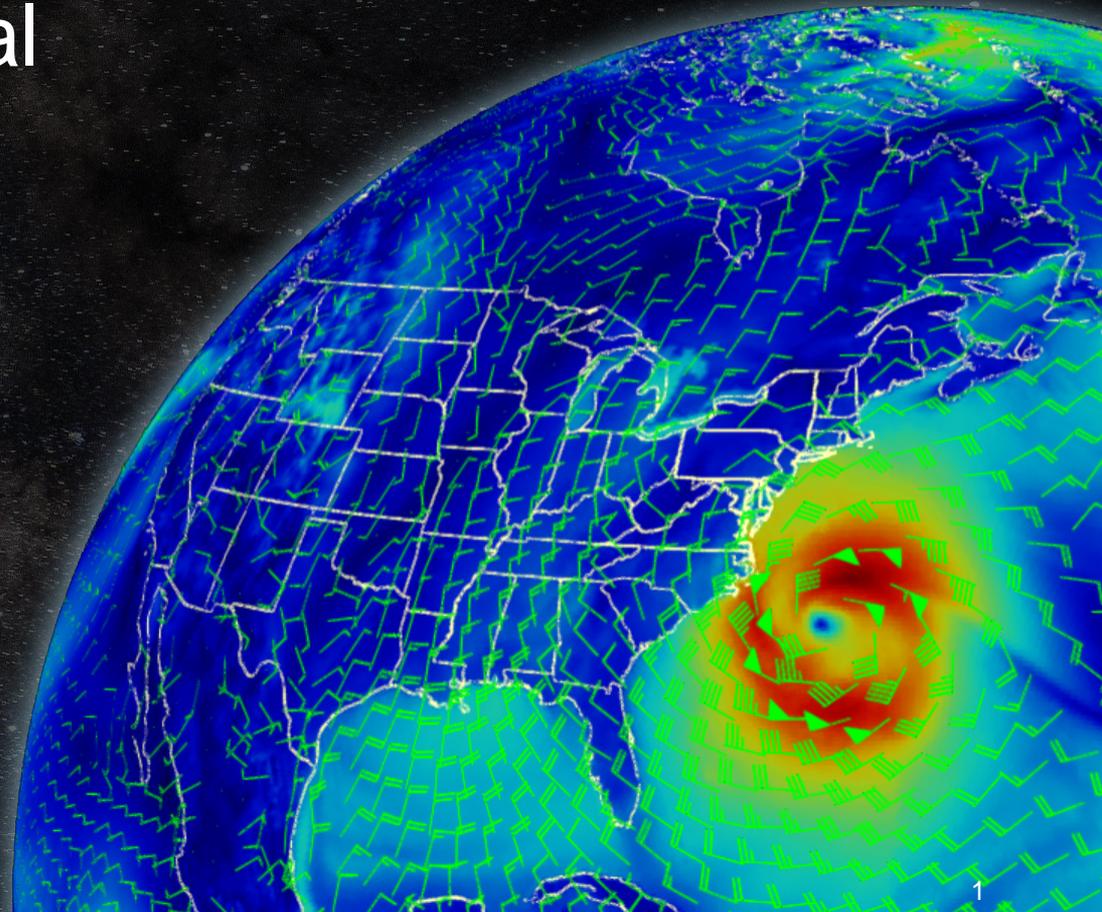
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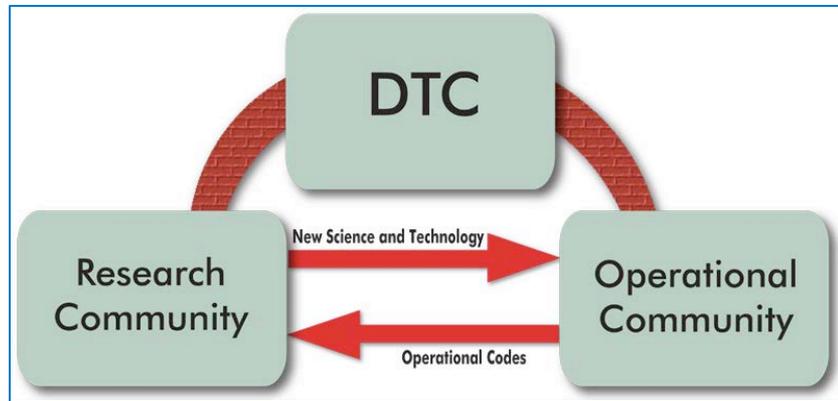
Performing work for NOAA/ESRL/GSD



GSD Science Review
3-5 Nov 2015

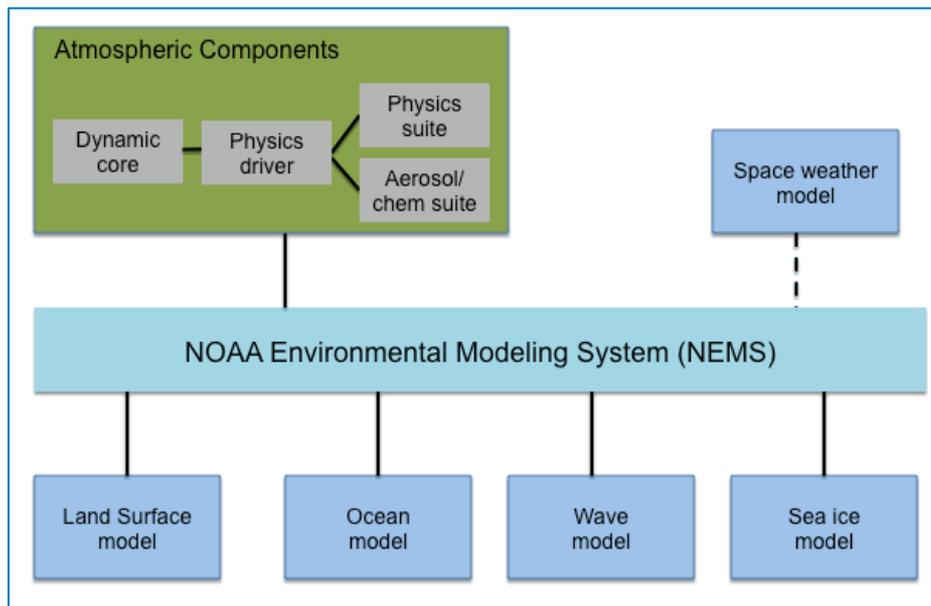


DTC improves operational models by transitioning innovations from the research community



By supporting operational codes to the community, development can be implemented and tested directly in the operational model, which reduces transition costs

Global Model Test Bed



A new effort within DTC toward increased transfer of research to operations for NOAA's next generation global prediction system

GMTB builds on the experiences of the DTC and High-Impact Weather Prediction Project to evaluate models for operations
Initial focus is on community involvement in the development of atmospheric physics

Summary

- DTC connects operational models and the research community outside of NOAA
- DTC is a collaboration between GSD and the National Center for Atmospheric Research and has staff at both institutions

Come see the poster!

- Evaluation of innovations in clouds and radiation for two operational models
- Details on the Global Test Bed

