Announcing availability of the model output from the **GASS-YoTC Vertical Structure & Physical Processes Multi-Model Experiment**

*Highly suitable for detailed, models-based, physical-process studies of a wide range of weather and climate phenomena.*

Three experimental components available:
1) Twenty-year simulations with 6-hourly, global output from 27 GCMs.
2) Two-day hindcasts for two MJO events* with time-step level output over the tropical warm pool region from 12 GCMs.
3) Same as 2) except for twenty-day hindcasts and 3-hourly, global output from 13 GCMs.

*All experiments provide extended physical process output, with vertical profiles of prognostic variables, all tendency terms**, and a comprehensive set of additional physical process and diagnostic outputs.*

** Data access through ESGF+CoG at:**
https://earthsystemcog.org/projects/gass-yotc-mip/
(requires ESGF login and acceptance of CMIP5 license agreement)

Additional information regarding motivation, sponsors, experimental framework, contributing models can be found at:
http://yotc.ucar.edu/mjo/vertical-structure-and-diabatic-processes-mjo/
http://climate.ncas.ac.uk/pmwiki/MJO_Diabatic_Hindcast/

Project Support**: WGNE MJO Task Force & GEWEX GASS Global Atmospheric System Studies

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** For 1) and 3), tendency terms are only output from 50N-50S.
*** See additional Acknowledgments on data access website.