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**Subject:** CORDEX Cross-Domain, Satellite-Based Multi-Model Evaluation Pilot-Project Proposal  
**Date:** October 16, 2016 at 11:32 PM



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Dear CORDEX colleagues,

This message is being sent to the current list of POCs for each/all CORDEX domains.

Enclosed is a 1-page summary of a proposal for a CORDEX cross-domain model evaluation pilot-project.

Note - while the pilot project highlighted in this 1-page summary is intended to provide some information on CORDEX model performance in a manner that is approached consistently across CORDEX domains, it is mainly striving to take a step towards developing some common ground in model evaluation for CORDEX, by applying a few simple performance metrics across as many domains/models as possible using a handful of relevant satellite datasets and a small number of reanalysis fields. Further, beyond the objective of providing some simple / cross-domain model evaluation analyses, objectives of this pilot project also include raising exposure to CORDEX, obs4MIPs and ana4MIPs, observation-based evaluation, and a provision for providing some simple and configurable (open source) model evaluation resources for the community - particularly those just starting out.

Could you please review the one page summary and let us know your answers to the following 3 questions:

- 1) Is this something you / your domain would be interested in participating and following?  
(Yes/No)
- 2) By "participating", we mainly mean identifying a point of contact for providing data?  
(Technical/Data Point of Contact is \_\_\_\_\_?)
- 3) By "following", we mainly mean reviewing the results as they become available for your domain and sharing with your modeling leads as you see fit.  
(Science/Programmatic Point of Contact is \_\_\_\_\_?)

Thank you for the consideration

Duane Waliser (and others cited in the 1 page summary)

ps. We'd like to add that selection of observation datasets in this pilot are driven by the interest to expose the obs4MIPs and ana4MIPs projects and because the proposed source of funding to carry out the evaluation tasks is NASA, thus the emphasis on NASA / satellite datasets for this initial pilot consideration. In line with this, the scope of this pilot is necessarily limited due to the effort that can be supported by this potential funding mechanism but we hope that this can help pave the way and develop a framework for more elaborate evaluation and the use of additional datasets / metrics in the future by the CORDEX community.



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