

Developments and Improvements to the Model and Observation Evaluation Tool (MONET) for atmospheric pollutant models.

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With update v2.0, the Model and Observation Evaluation Tool (MONET) now allows more flexibility to users but maintains the functionality it was designed for—to provide an easy and compact way to load, combine, and analyze atmospheric models and observational datasets. Developments and improvements to MONET include adding different models (GEOS-CHEM, HYSPLIT, and CAMx); adding support for more observations including NADP, CEMS, sonde-data, and flight data in the NASA ICARTT format; and extending XArray objects to add pyresample grid information, resampling of Dataset and DataArray, and adding quick mapping capabilities. For documentation, install instructions and tutorials please see <https://monet-arl.readthedocs.io/en/develop>.