



Include more
physics

Reduce latency
bottlenecks

Streamline user
experience

Datasets

New dataset schema supports multiple sources and combos of 2D and 3D fields.

Pre-Blocks

Modular data transforms to re-scale, regrid, and derive other features.

Models

Update WXFormer to support arbitrary grids, new kinds of attention, and domain decomposition.

Post-Blocks

Calculate derived fields and enforce conservation with modular blocks.

Interfaces

Improve ease of interaction with simplified config files and a command line interface.