



Zhang–Impacts of soil NO_x emission on O₃ air quality in rural California



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As part of the UI-WRF-Chem system which has the potential to support MAIA-TEMPO synergy, we updated the soil NO_x emission scheme:

- Updated land cover type and other surface properties using MODIS land data
- Better soil temperature and moisture representation using GLDAS data
- Considered the pulsed emission events

