NU-WRF-LIS Coupled Simulation Experiments of Tropical Storm Kelvin (2018) and the Brown Ocean Effect



- both the GDAS and MERRA2 datasets as its meteorological forcing.
- WRF(GDAS)-LIS(GDAS) WRF(GDAS)-w/oLIS WRF(MERRA2)-LIS(MERRA2) WRF(MERRA2)-LIS(GDAS) WRF(ERA-I)-w/oLIS
- Noah Land Surface Model version 3.6
- northwestern Australia with the integration time step of 6 sec.



Jinwoong Yoo^{a,b}, Joseph Santanello^a, Sujay Kumar^a, and Marshall Shepherd^c

^{a:} NASA Goddard Space Flight Center, ^{b:} University of Maryland, ^{c:} University of Georgia

WRF/MPAS Users Workshop 11-15 June 2018