Global Shallow Water Spectral Model

This is a 2D global shallow water spectral model developed by Dr. 陳建河 and Prof. Kuo. The spectral method used in the zonal direction is Fast Fourier Transform (FFT), and associated Legendre polynomials are used in the meridional direction. The advantage of this global model lies in there is no artificial boundary in the whole domain. Bogusing vortex and adding topography is viable.

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