

Statement of Work and FY 05 Budget for the proposal

Establishing an OSSE Framework for the THORPEX

Program and Mission Planning

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Under FY 05 funding, we will:

1. Evaluate fully existing nature runs, including the three candidate .25 degree fvGCM 30- day runs.
2. Attempt to acquire and begin to evaluate any new nature runs from ECMWF.
3. Evaluate and coordinate different OSSE and OSSE-like methodologies for THORPEX.
4. Complete and convene the THORPEX OSSE Working Group (OWG) to prioritize OSSE testbed components and utilization.
5. Continue to perform limited exploratory OSSE and OSSE-like experiments for THORPEX.
6. Engage academia in interpreting OSSEs.

FY 05 Budget (reflects an 18% reduction in funding)

NASA/GSFC: \$57,400

Simpson Weather Associates: \$46,206

Total for FY 05: \$103,606