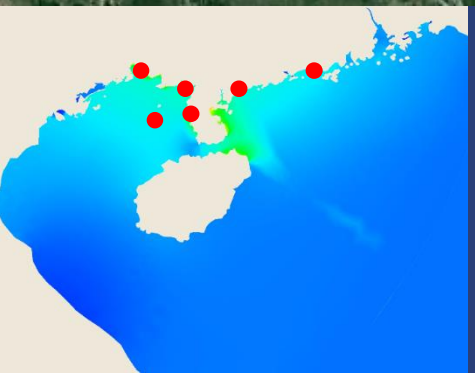
Climate Decision provides the only high resolution storm surge model in China



Location	TEWS (range cm)	Observed (cm)
Beihai	150-220	167
Fangchenggang	150-180	165
Qinzhou	200-300	219
Shitoufu	200-300	265
Tieshangang	200-400	288
Weizhou	60-80	84

TEWS provides 15x the resolution of standard models.

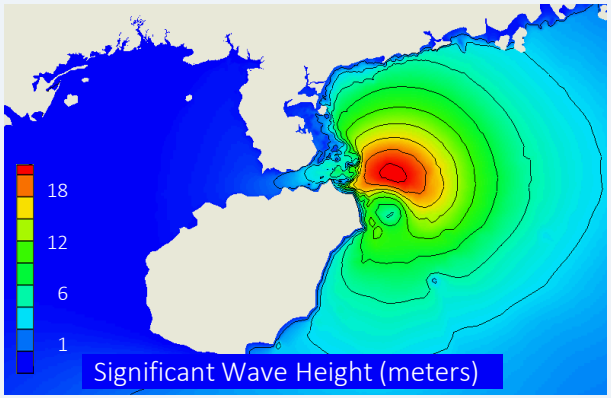
Typhoon Rammasun validation results show TEWS maximum water levels in agreement with observations.

Storm surge from typhoons leaves devastation in its wake.

Climate Decision partnered with Sun Yat-sen University to develop an operational Typhoon Early Warning System (TEWS) for the South China coast.

We designed TEWS to support risk assessment and catastrophe modeling. The South China model grid has 60,000 nodes and resolution as high as 300 meters on the coastline. This design delivers accurate results and faster run times.

TEWS will efficiently run one simulation on a workstation or tens of thousands of simulations in the Microsoft Azure cloud.



Storm surge and waves from Typhoon Rammasun (2014) caused extensive loss of life and property. Significant wave heights reached 18 meters off the coast of China creating hazards to marine operations. TEWS delivers storm surge and wave predictions at specific locations to prevent losses both on land and offshore.

TEWS operates on global data sets and will work in any coastal location in the world.

Climate Decision http://ClimateDecision.net

Dr. Paul Chan (CEO) PhD, Climatology (Univ. of Missouri), MBA (Wharton). Served as CIO for the National Weather Service.

Peter Kokopeli (CIO) Former senior advisor with US Environmental Protection Agency, Clean Air Markets Division.

TEWS