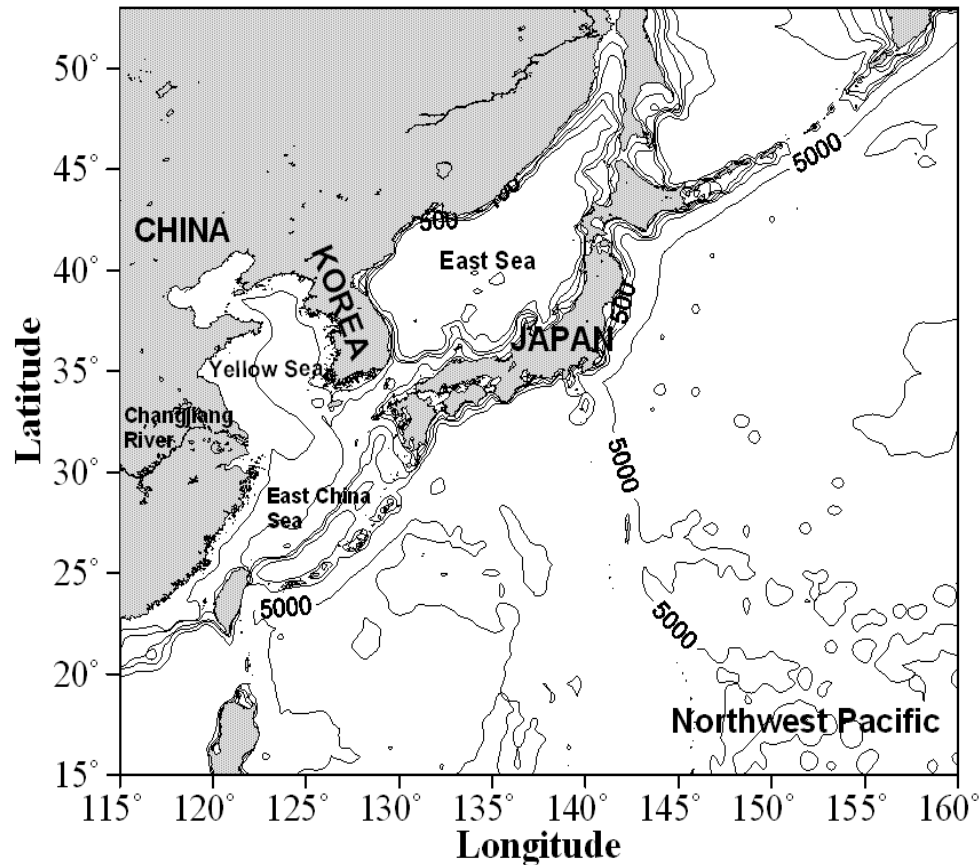


Data Assimilation in a Northwest Pacific Ocean Model using the Ensemble Kalman Filter

B-J Choi (Kunsan National University, South Korea)



Work in progress: assimilation of Sea Surface Height.

Model: ROMS

Resolution: $1/4^\circ$ and 20 layers

Initial and Boundary: ECCO

Forcing: ECMWF reanalysis,
Tides and Rivers

Satellite **SST** and **Subsurface Temperature profile** data are assimilated every 7 day in 2004.

To examine the impact of SST and subsurface temperature assimilation on the ocean circulation in a coarse resolution (25km) regional model.

