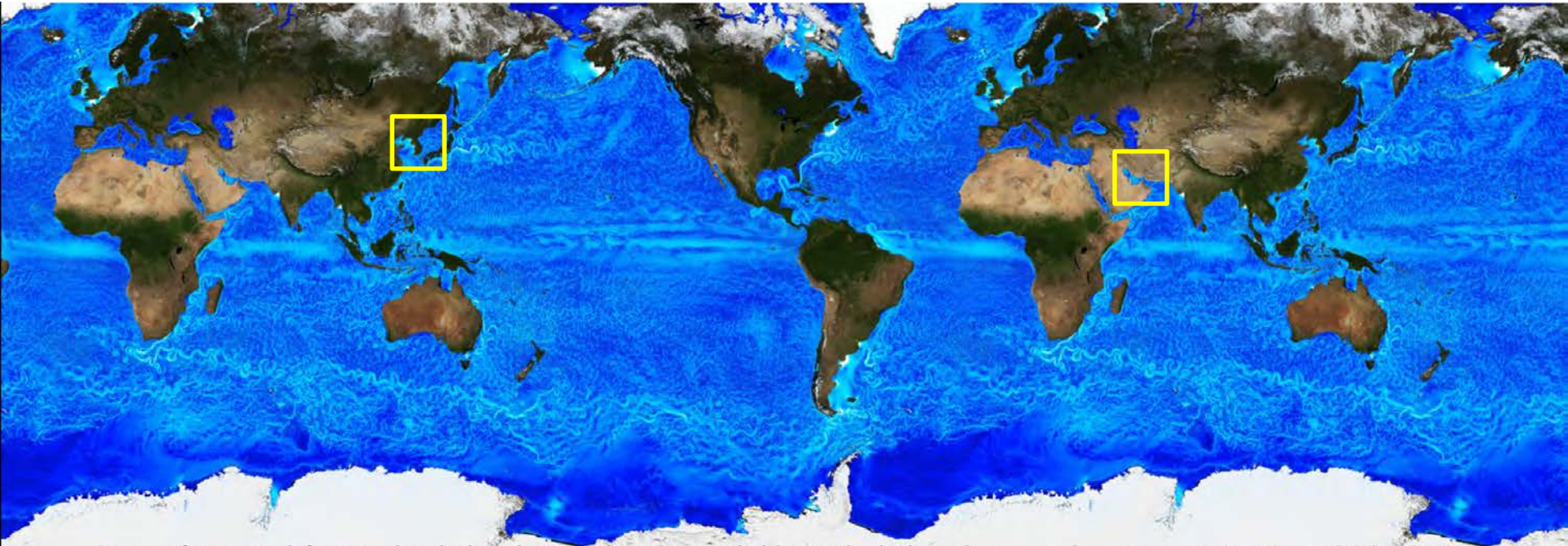


# Development of Lagrangian applications of Ocean **BIG** Data



Sea surface speed from a simulation that resolves internal tides and admits submesoscale processes (NASA ECCO-ICES)

Sung Yong Kim

Environmental Fluid Mechanics Lab.,  
Dept. of Mechanical Engineering, KAIST  
[syongkim@kaist.ac.kr](mailto:syongkim@kaist.ac.kr); <http://efml.kaist.ac.kr>

Marouane Temimi

Dept. of Civil Infrastructure and  
Environmental Engineering,  
Khalifa University

40TB for ROK  
5K TB for Globe