

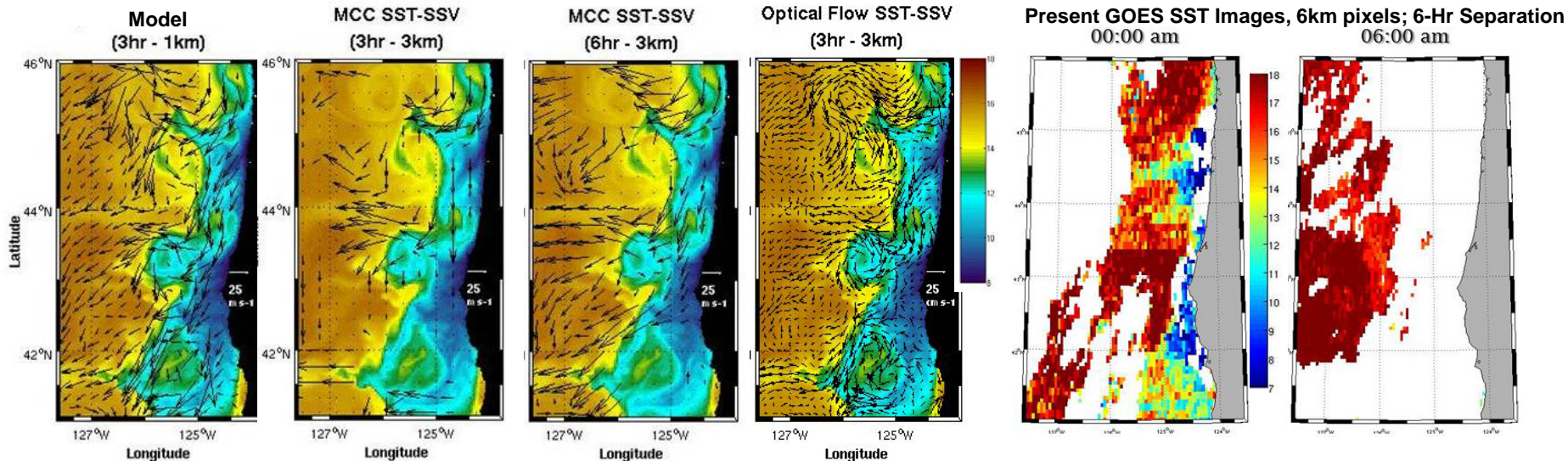
# Ocean Surface Currents

## M From Sequential GOES SST Images

Optical Flow methods retrieve surface velocities better than MCC.

Clouds severely reduce velocity retrievals.

Next: Test with real and proxy 6km and 3km cloudy SST fields.



Identification of the methods which retrieve velocities using small regions will allow retrievals from the few cloud-free regions in GOES sequences.

Evaluation with proxy (model) SST fields will prepare us for GOES-R images.

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(Courtesy of T. Strub and R. Venegas, CLOSS/CEOAS/OSU)