

CLIVAR/JAMSTEC Workshop on  
the Kuroshio Current and Extension System:  
Theory, Observations, and Ocean Climate Modelling

Workshop Overview and Logistical Information

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# Workshop Organizers

This workshop is jointly hosted and organized by:

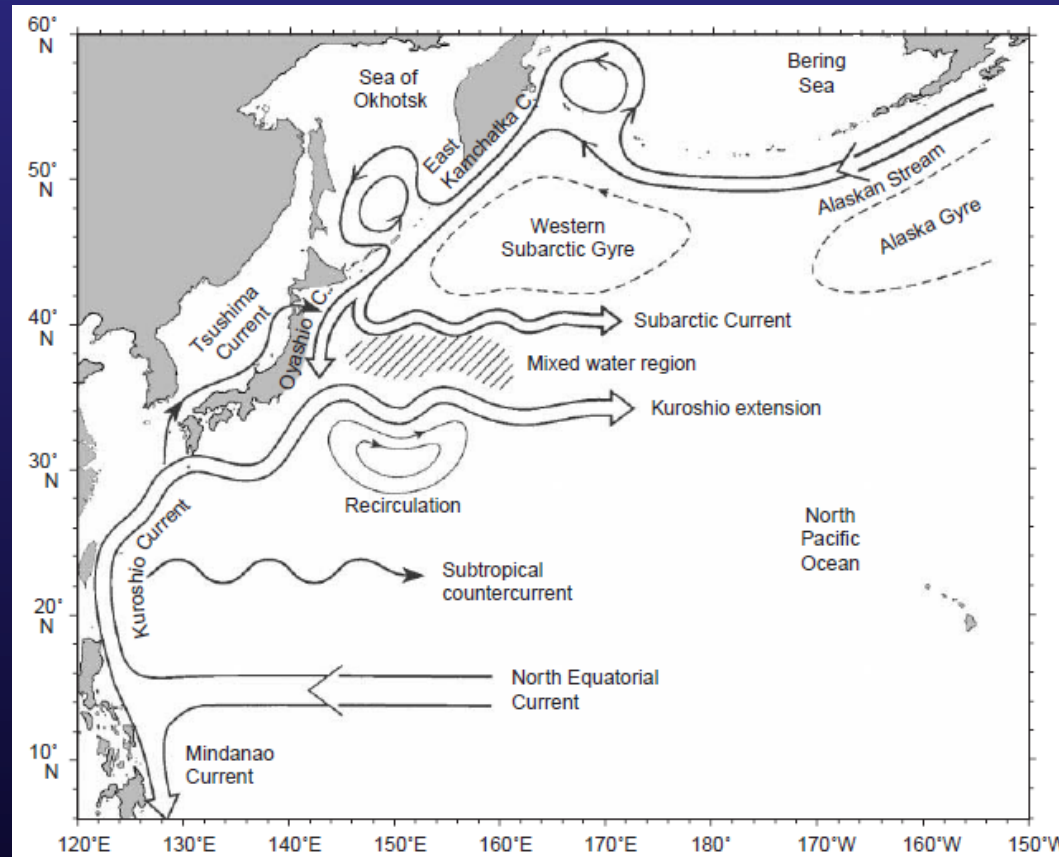
- Japan Agency for Marine-Earth Science and Technology (**JAMSTEC**)
- Climate and Ocean – Variability, Predictability, and Change (**CLIVAR**), in particular the following 3 panels:
  - Ocean Model Development Panel (**OMDP**)
  - Climate Dynamics Panel
  - Pacific Regional Panel
- WESTPAC Project for Air-Sea Interaction in the Kuroshio Extension and its Climate Impact (**AIKEC**)



# Workshop Motivation

The Kuroshio and its extension has impacts on the climate via:

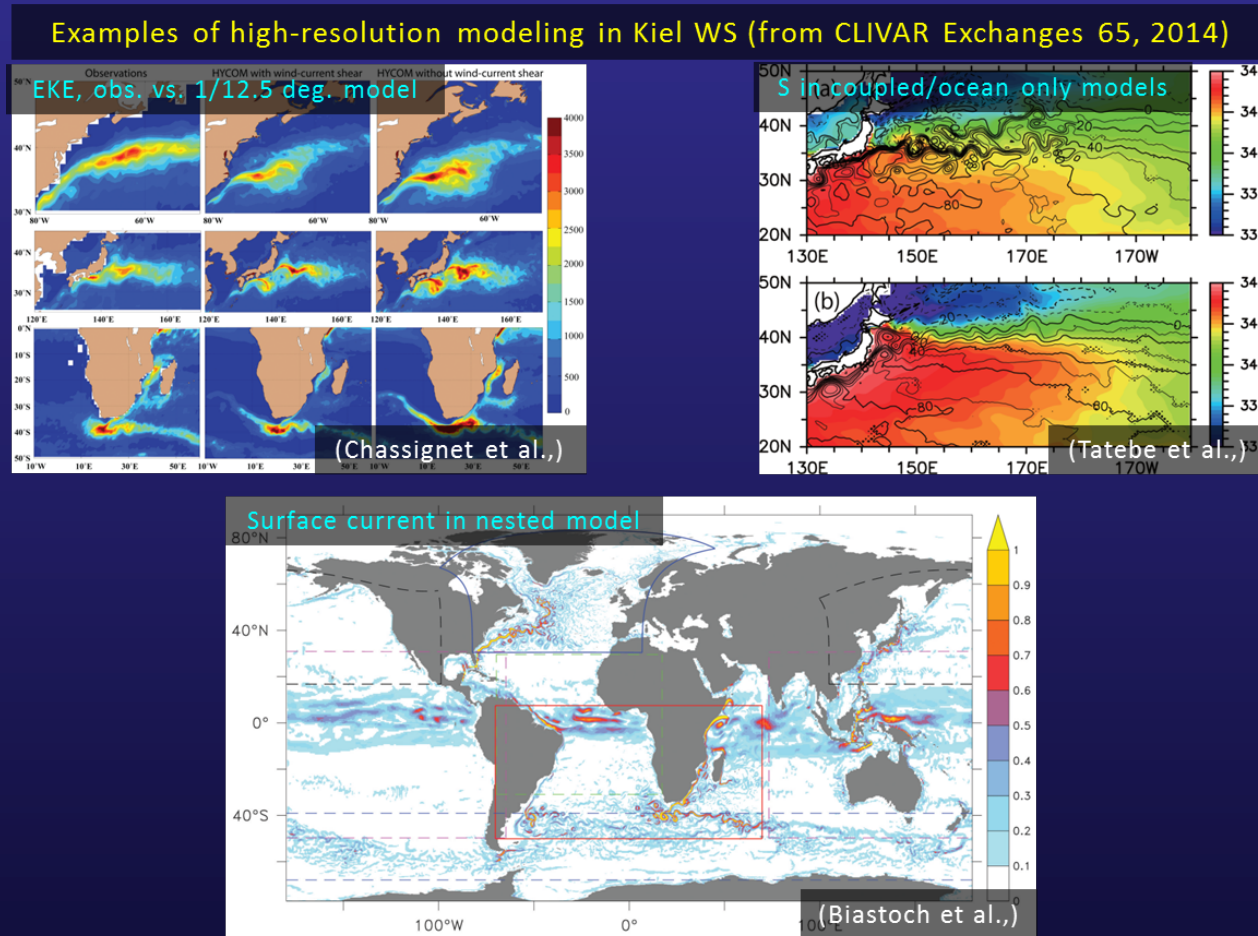
- Large heat transport
- Recirculation gyre which acts as a heat reservoir
- Strong SST gradient interacting with the storm activity
- ...



(Qiu, 2001)

# Workshop Motivation

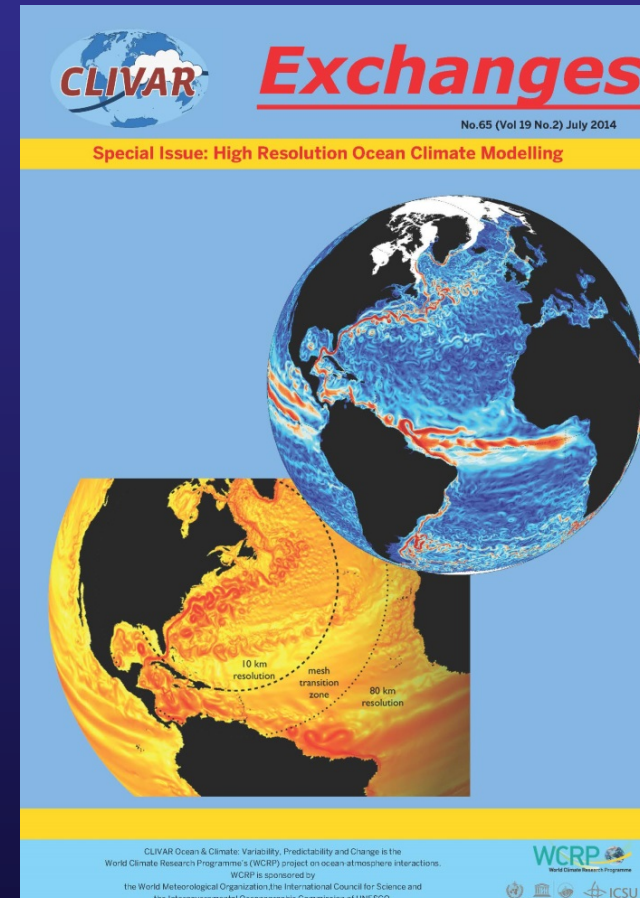
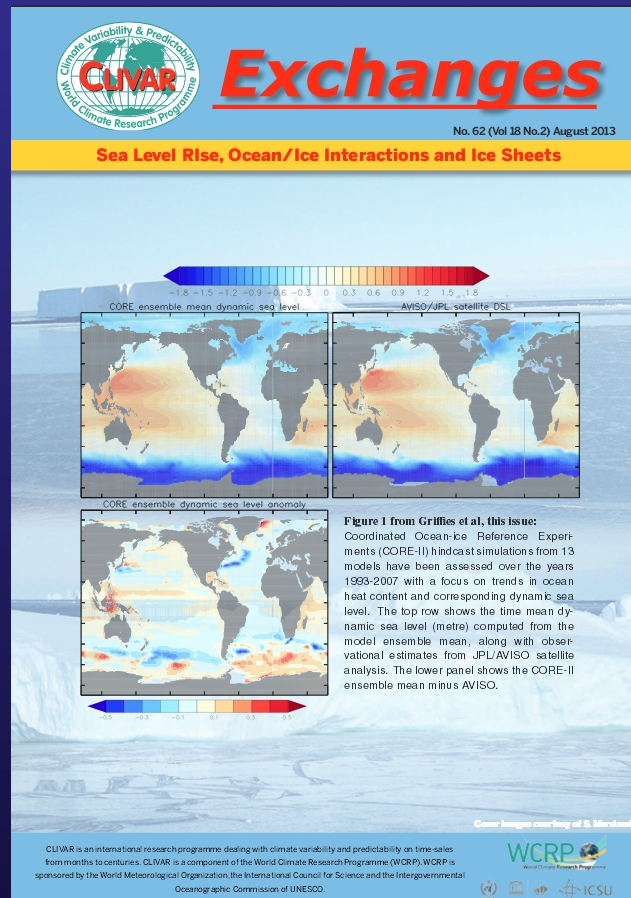
Horiz. resolution of  $< 20$  km is required to replicate this system  
→ Models of this resolution become common in recent years



→ It is timely to share the experiences/knowledge, to deepen our understanding, and to seek new collaboration

# Workshop Deliverables

A special issue of CLIVAR Exchanges:



... will be discussed in the last session tomorrow

# Notes and Guidance for Sessions

## Oral session

- 30 min slot: **25 min for presentation + 5 min for questions**
  - 1st bell will ring at 20 min, 2nd at 25 min
- 15 min slot: **12 min for presentation + 3 min for questions**
  - 1st bell will ring at 10 min, 2nd at 12 min
- During the break before the session, **please load your presentation file to Windows PC/Mac on the speech table**
  - If you would like to use your own PC, please tell it to the staff

## Poster session

- **Today, after lunchtime, at the foyer**



# Wireless LAN

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- JAMSTEC wireless LAN for guests (see handout)
-  service is also available