

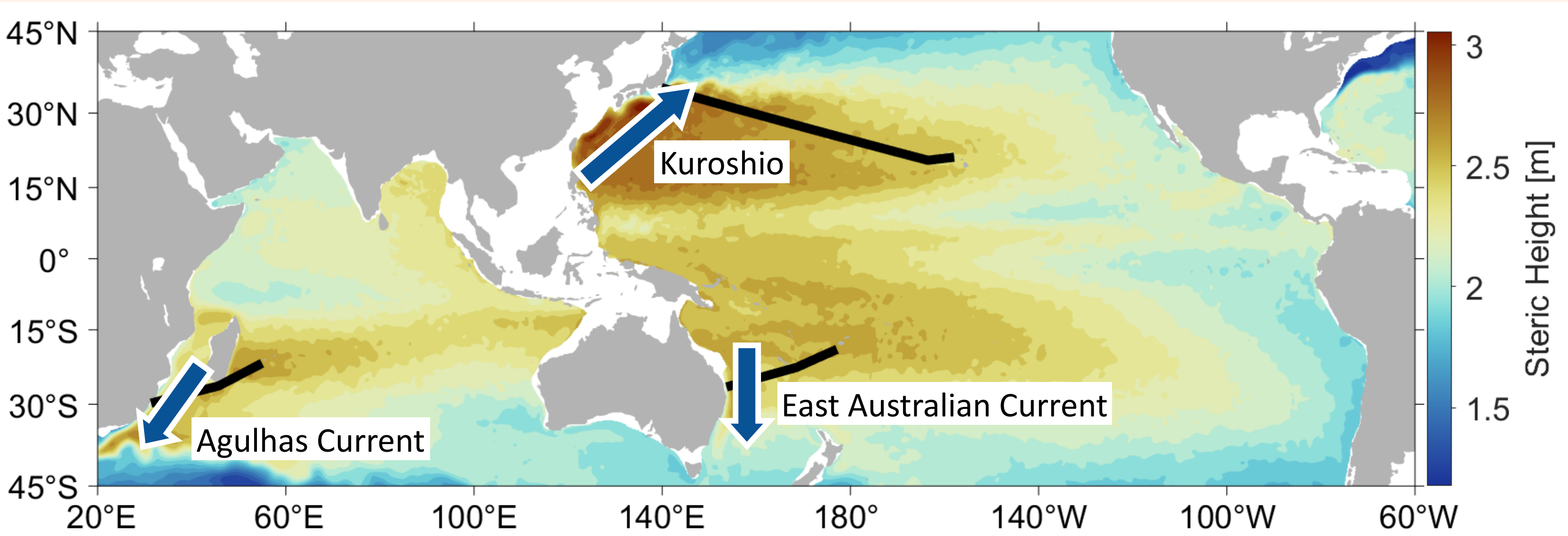
Transport trends and seasonality from observations in the Kuroshio, Agulhas Current, and East Australian Current

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Methodology

» Produced estimates of cross-transect velocity between the surface and 1975-m depth by combining HR-XBT, Argo, and satellite altimetry observations over 2004—2019.



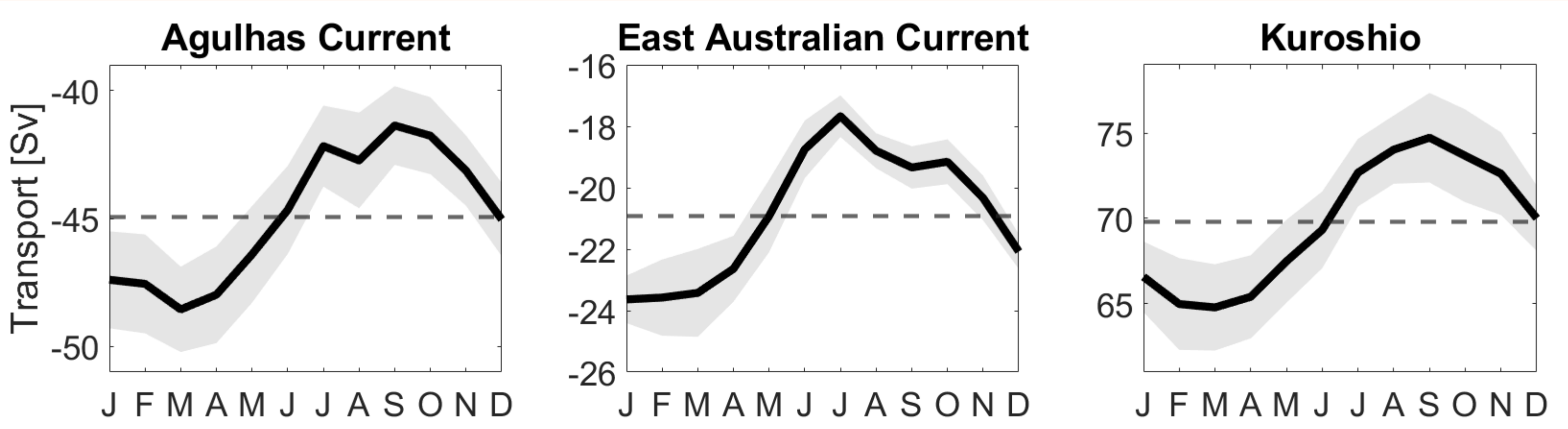
Transport Trend

» There was a significant decrease in Kuroshio transport but no significant change in East Australian Current transport or Agulhas Current transport over 2004—2019.

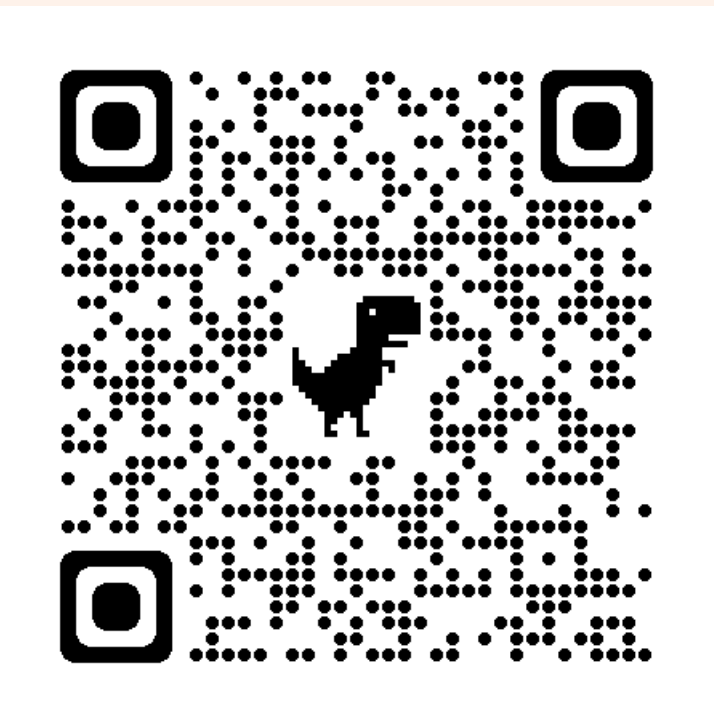
	Transport	Speed	Width
Kuroshio	↓	↓	↓
East Australian Current	○	↑	↓
Agulhas Current	○	○	↑

Seasonal Cycle

» All three western boundary currents demonstrated a seasonal cycle with poleward transport stronger in the summer and weaker in the winter.



Publication:



Poster Recording:



Personal Website:

