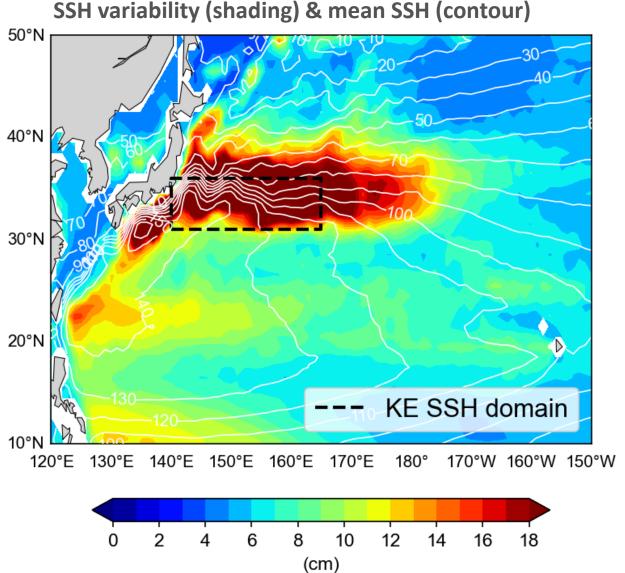
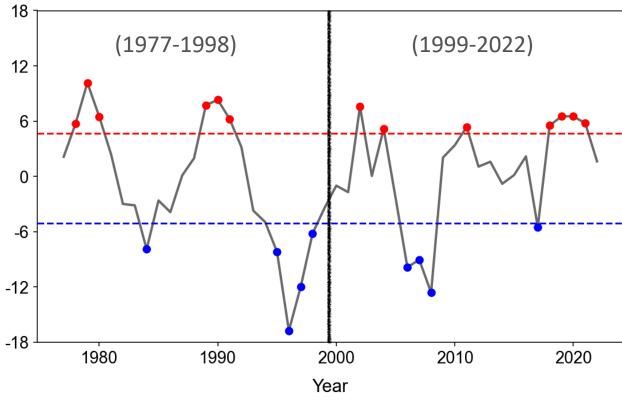
Kuroshio Extension (KE) Decadal Variability

Se-Yong Song

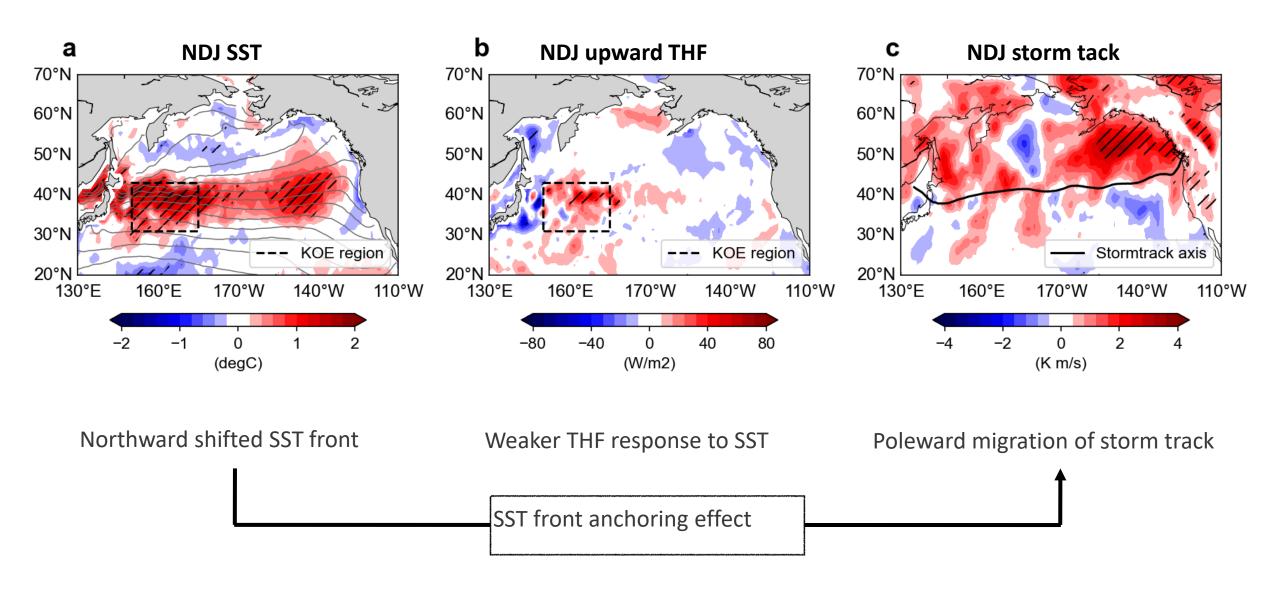


SON KE index (satellite + ocean hindcast/reanalysis)

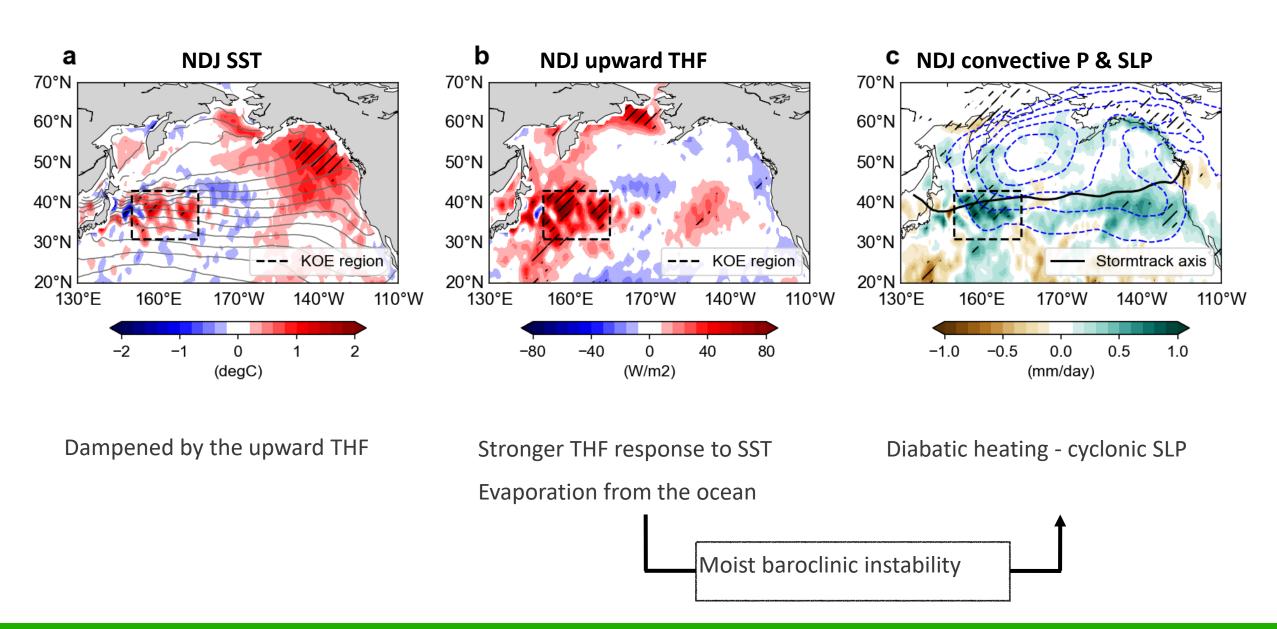


How does the decadal KE dynamic state affect the overlying atmospheric circulation?

Downstream impacts of KE decadal variability (1977-1998)

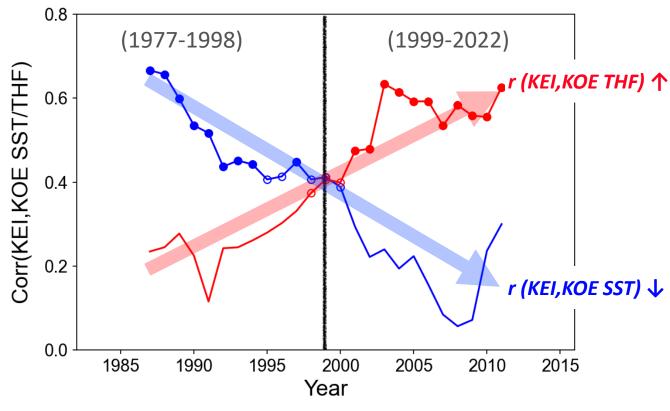


Downstream impacts of KE decadal variability (2) (1999-2022)



Changes in the KE air-sea coupled dynamics

Relationship b/w the KEI & KOE SST/THF indices



PDO-related sea-air humidity difference

