

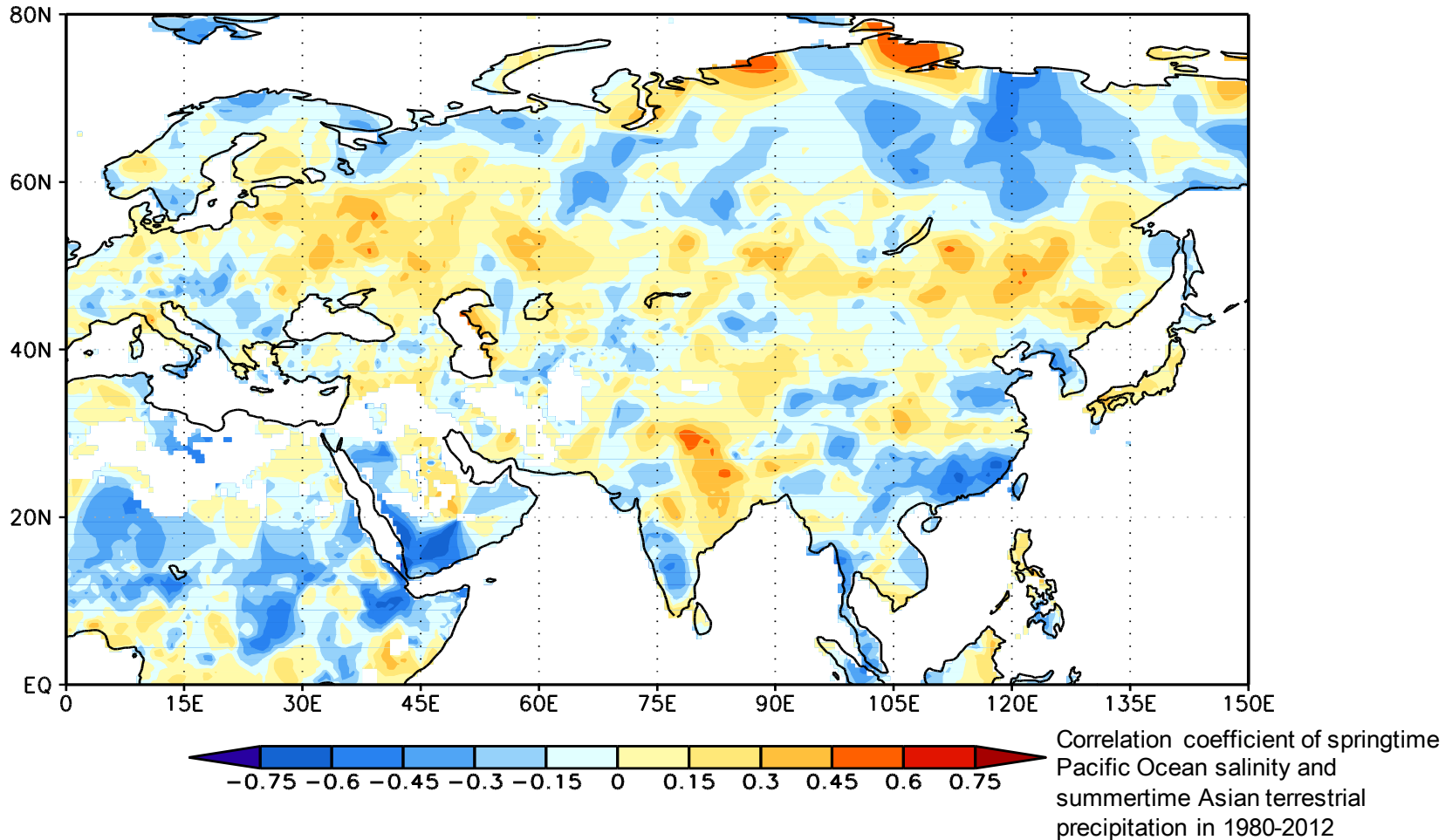
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- **University: Pusan National University**
- **Major: Oceanography**
- **interest: Asian Monsoon and climate change according to the effect of the Pacific ocean salinity**



refer: www.ipyeaso.aari.ru

- Monsoon – SST interaction
→ many studies
 - How about Sea Surface Salinity (SSS)?
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- Ocean salinity
 - Salinity is the dissolved salt content of the water
 - Ocean salinity is about 35‰
 - Important factor of physical, chemical, and biological process in ocean environment

Asian Monsoon and Pacific ocean SSS

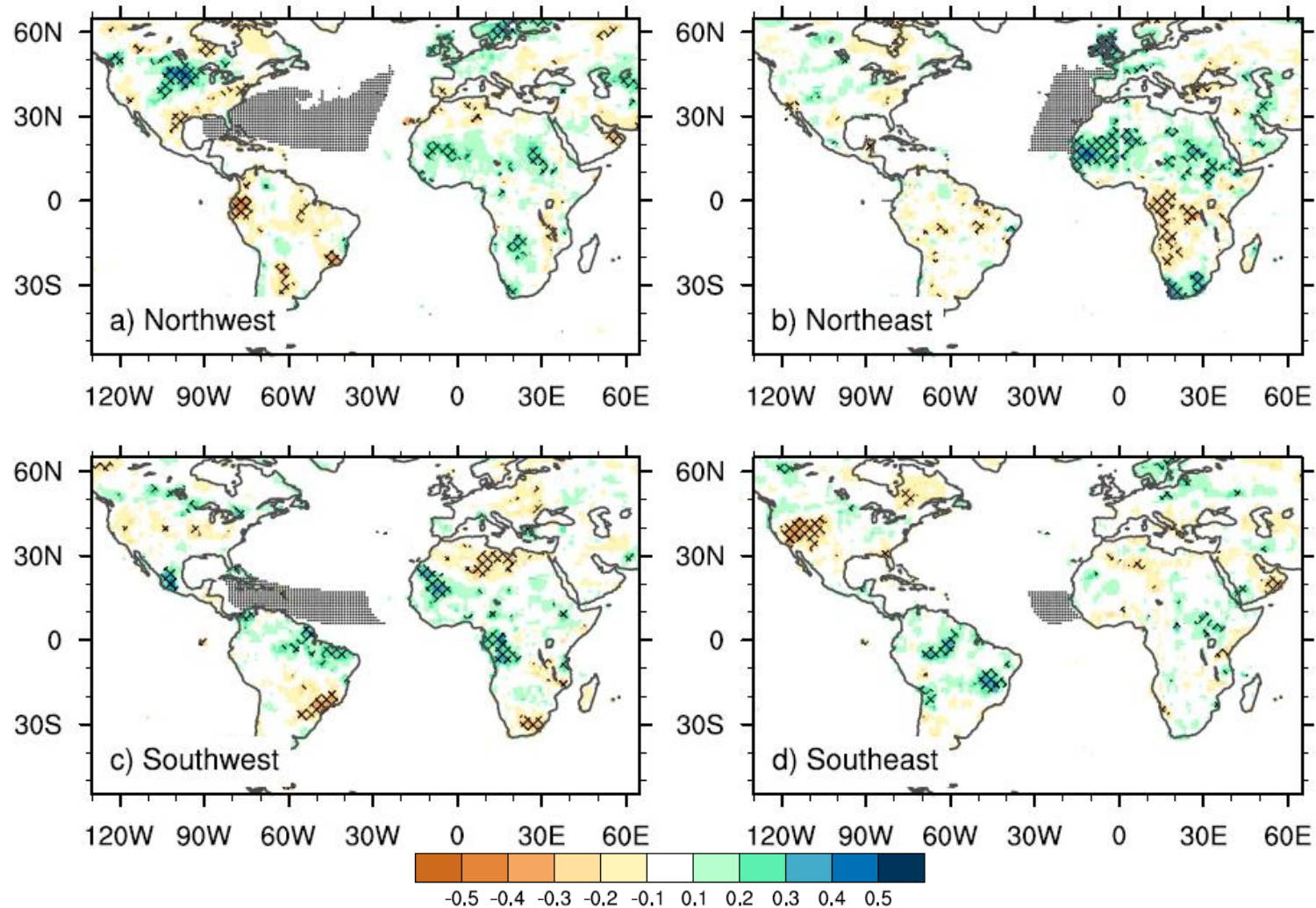


1. Relationship with East Sea SSS and Korean precipitation

→ Find any interaction of Monsoon - SSS

2. What effects has the **Pacific Ocean salinity** on **Asian Monsoon** and **climate change**?

Thank you~



reference: Li, L., R. W. Schmitt, C. C. Ummenhofer, and K. B. Karnauskas, 2016

- Moisture is source for terrestrial precipitation
- Moisture transport from ocean to land leaves an imprint on the Sea Surface Salinity (SSS)
- In case of North Atlantic, springtime SSS is correlated with summer precipitation