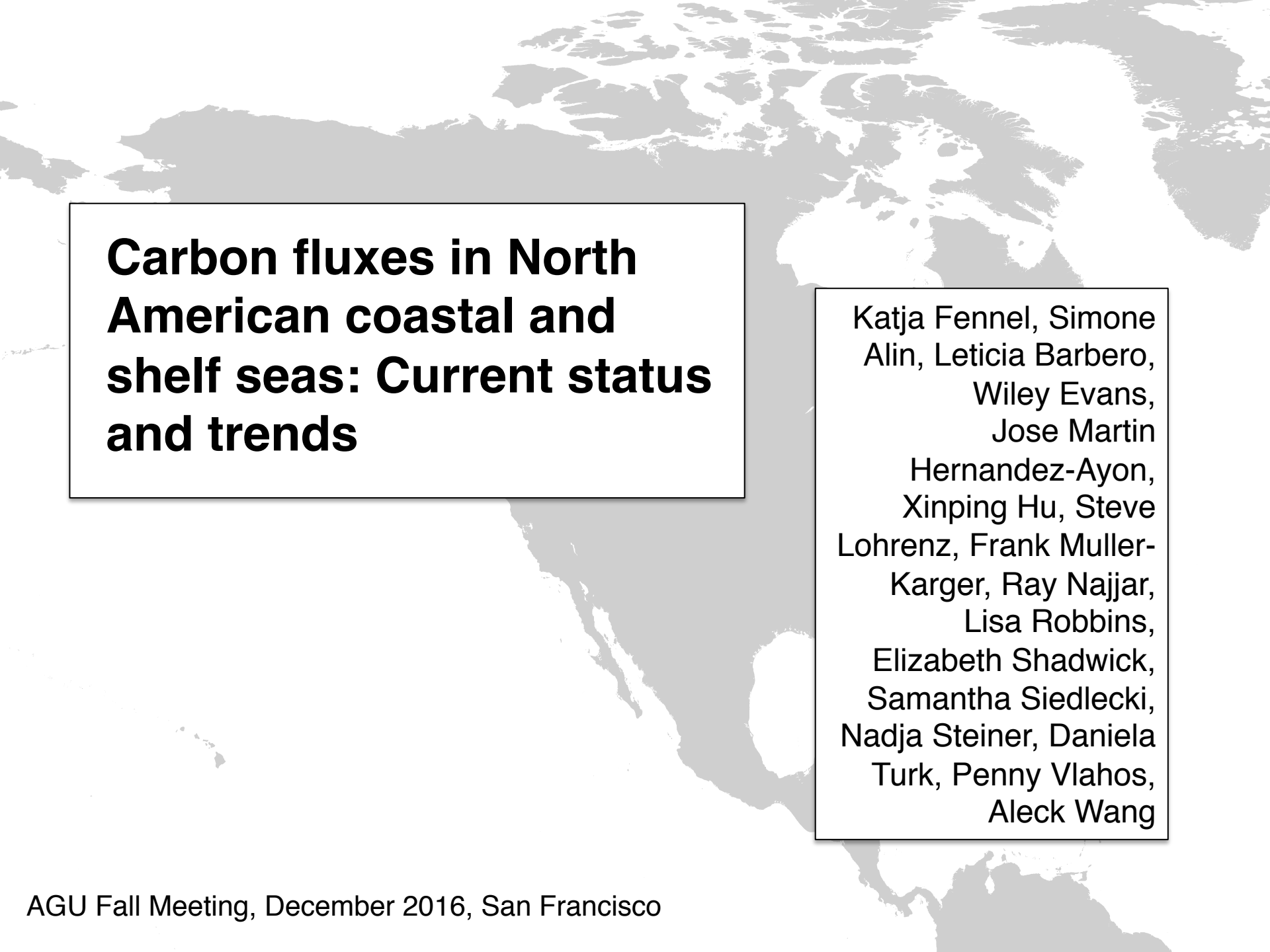




Carbon fluxes in North American coastal and shelf seas: Current status and trends

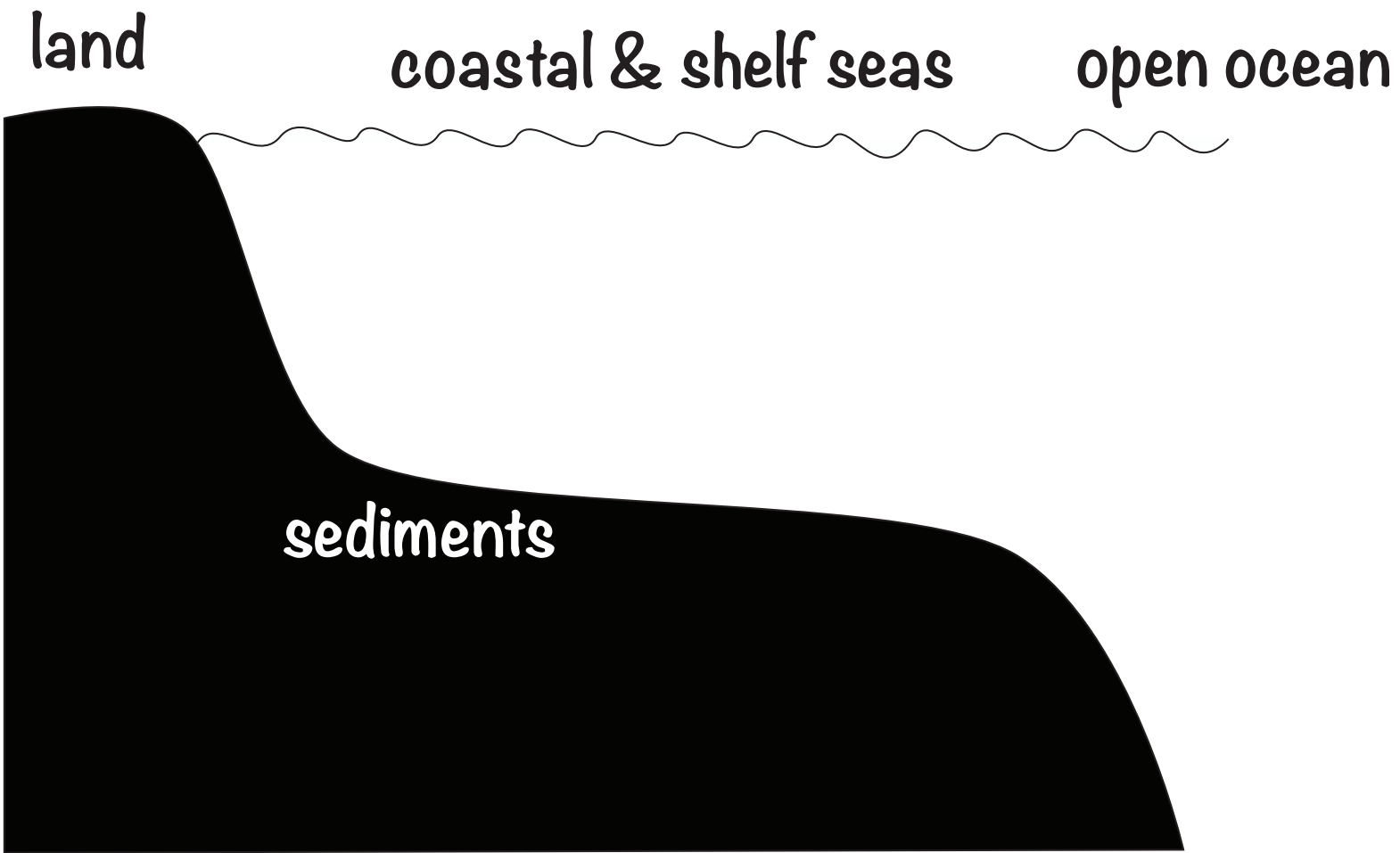
Katja Fennel, Simone Alin, Leticia Barbero, Wiley Evans, Jose Martin Hernandez-Ayon, Xinping Hu, Steve Lohrenz, Frank Muller-Karger, Ray Najjar, Lisa Robbins, Elizabeth Shadwick, Samantha Siedlecki, Nadja Steiner, Daniela Turk, Penny Vlahos, Aleck Wang

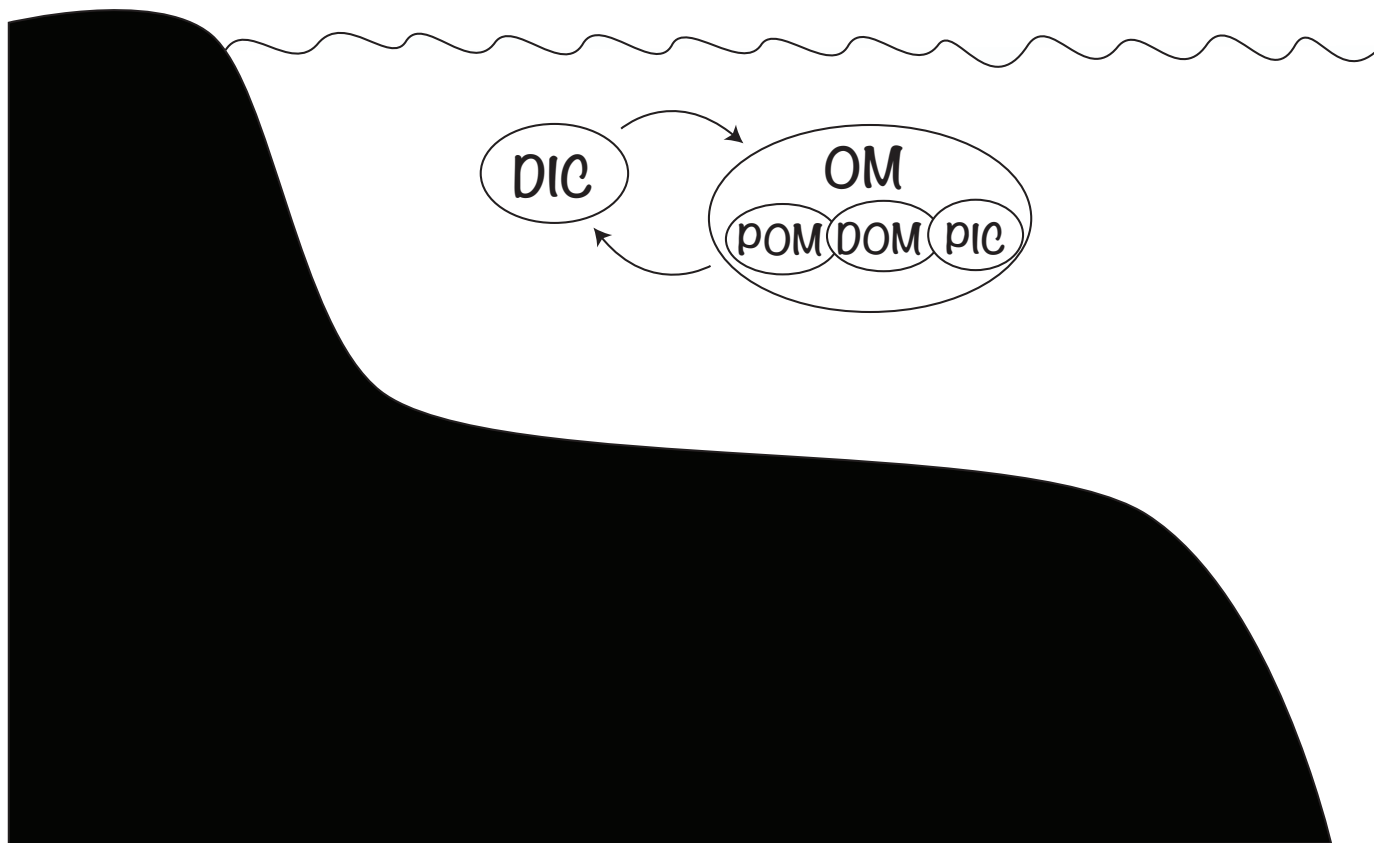
land

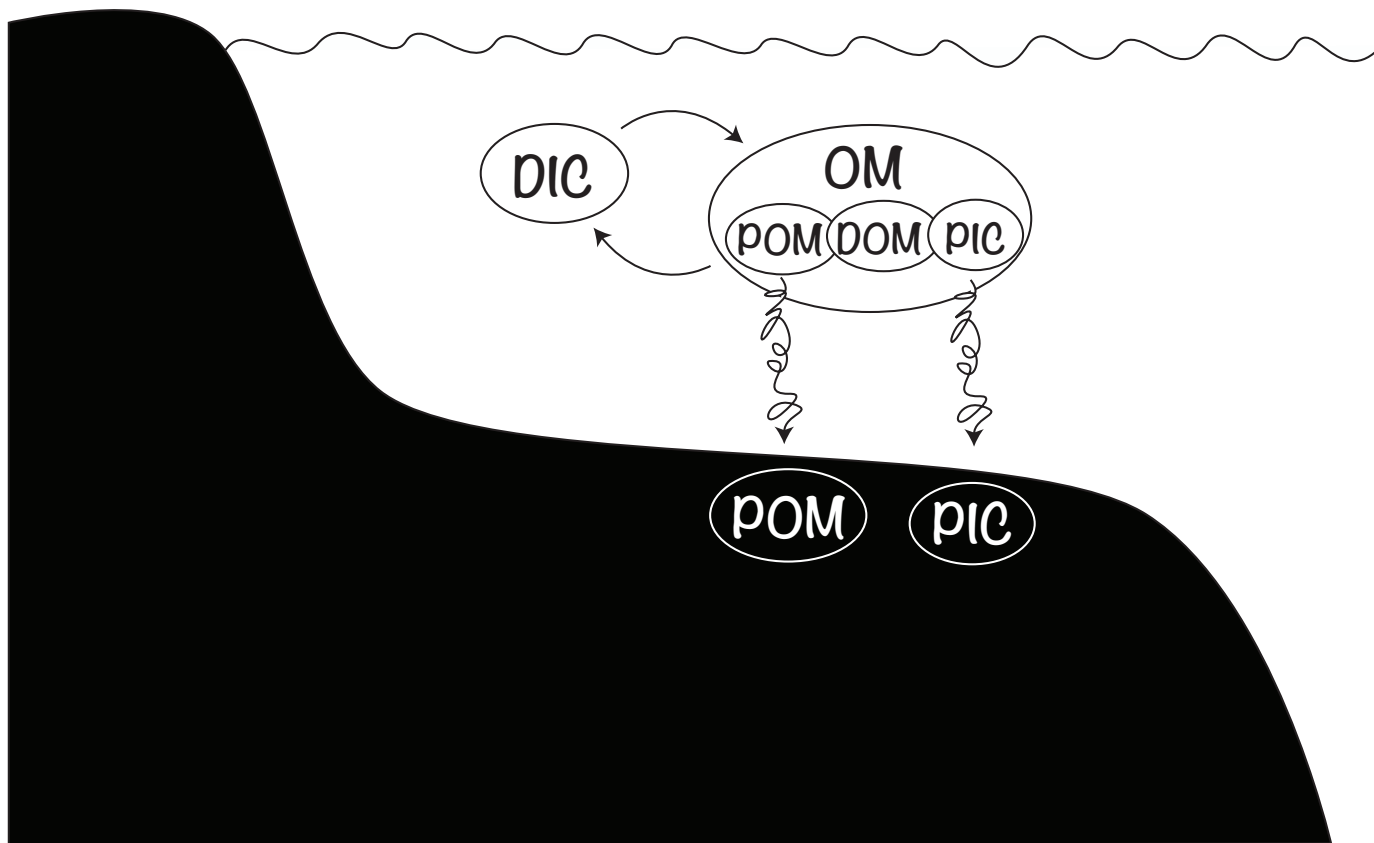
coastal & shelf seas

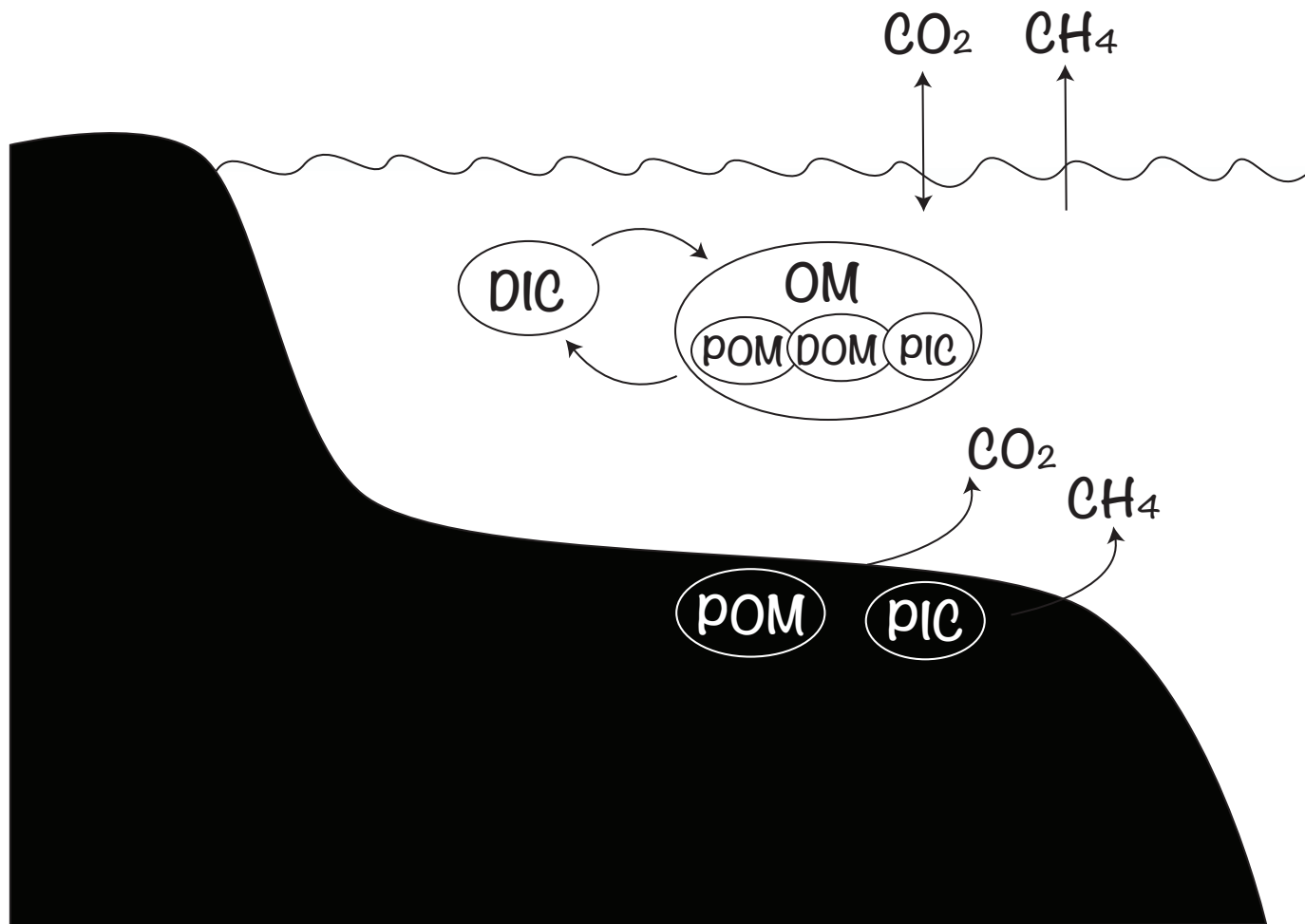
open ocean

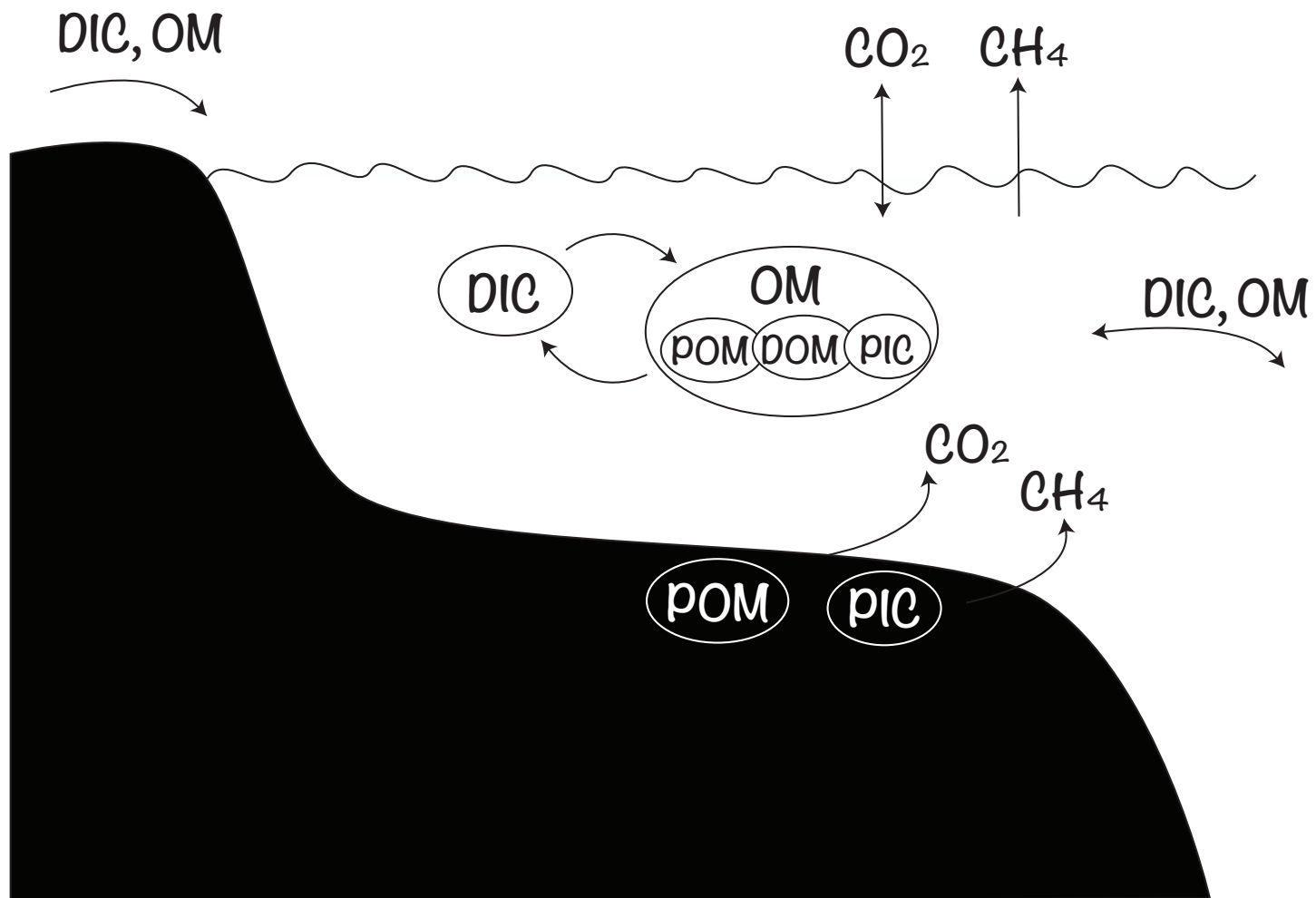
sediments

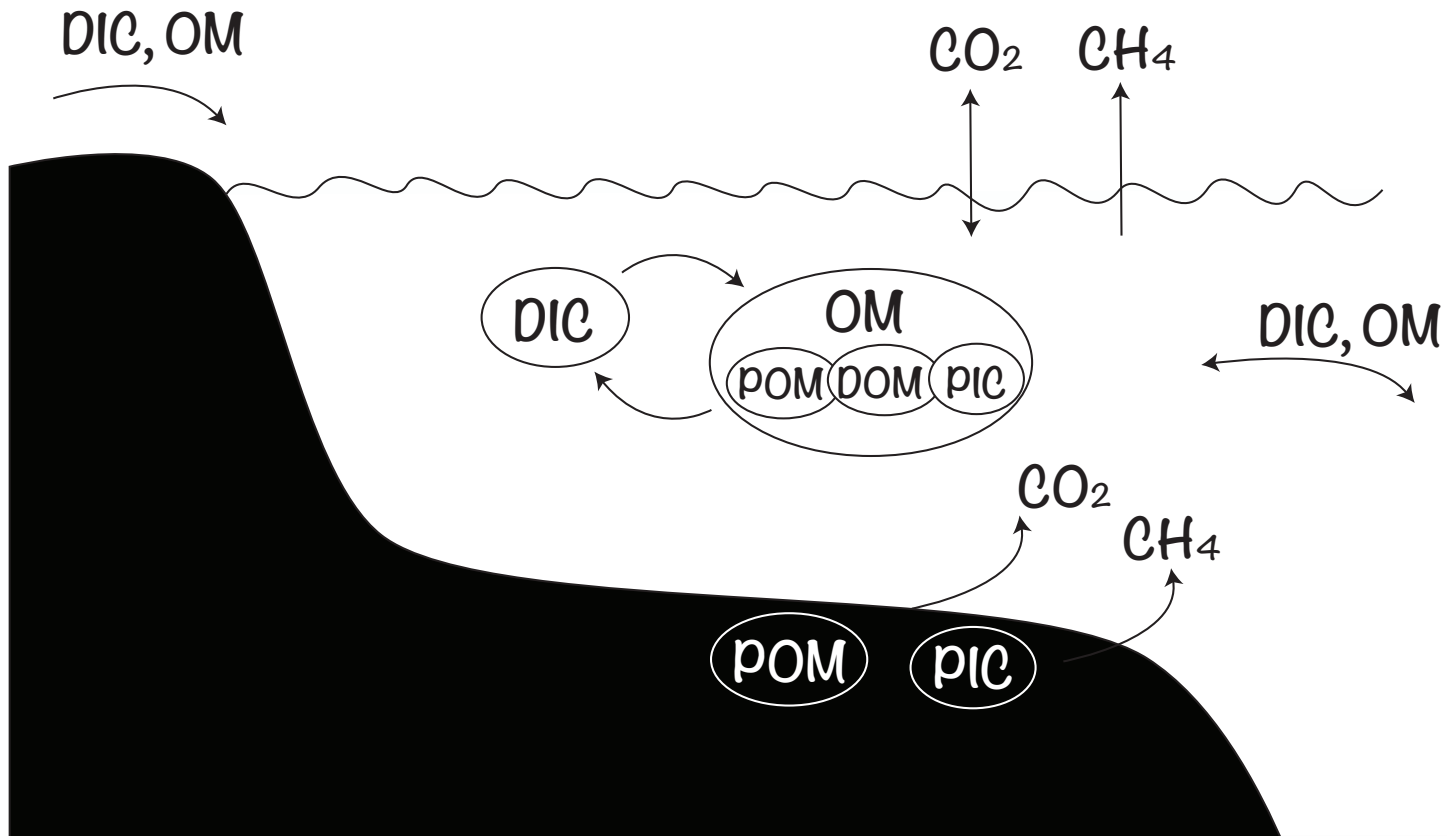




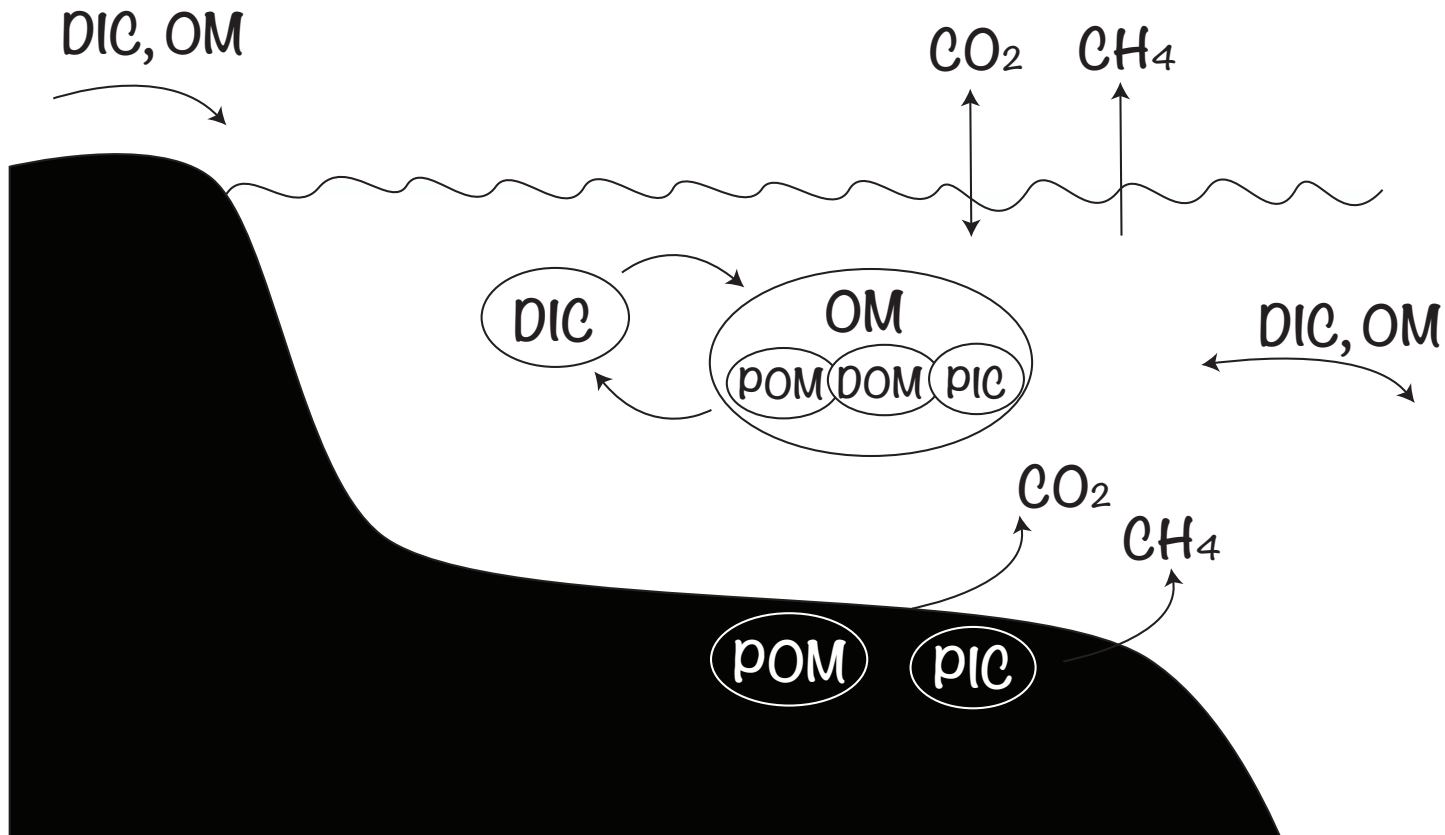




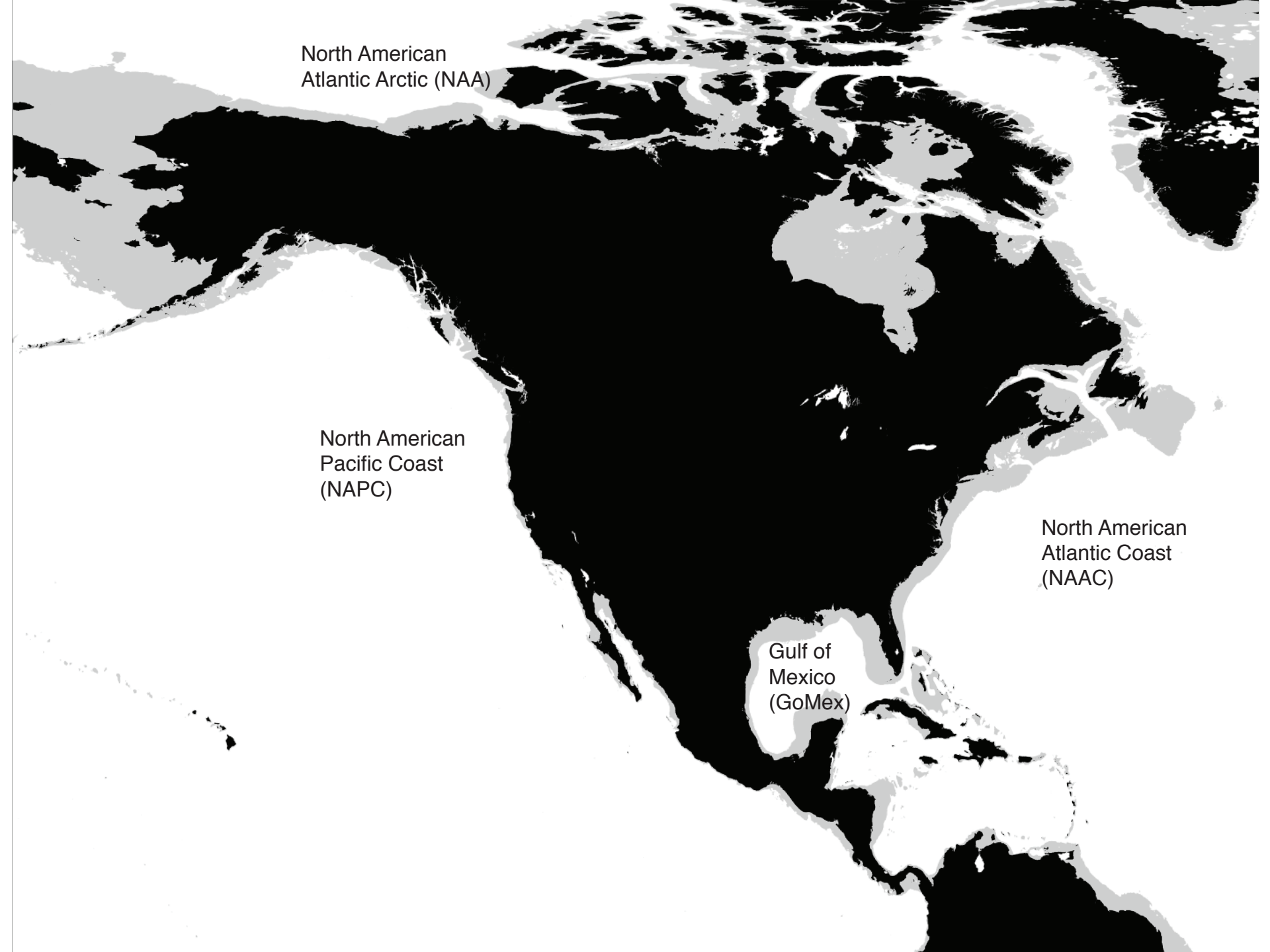




- Are coastal & shelf seas a significant sink of anthropogenic carbon?



- Are coastal & shelf seas a significant sink of anthropogenic carbon?
- What is the rate of acidification in coastal & shelf seas?

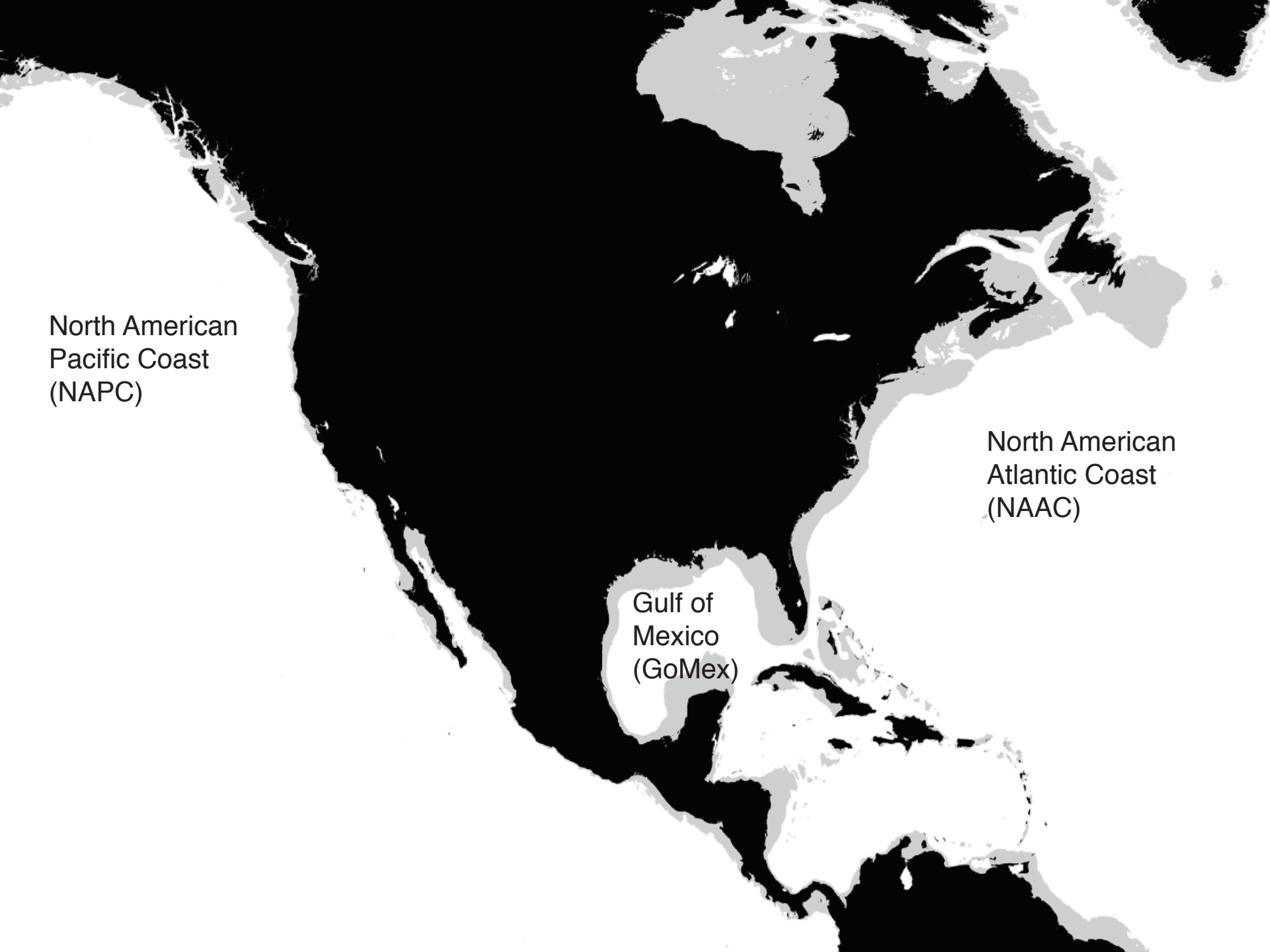


North American
Atlantic Arctic (NAA)

North American
Pacific Coast
(NAPC)

North American
Atlantic Coast
(NAAC)

Gulf of
Mexico
(GoMex)



North American
Pacific Coast
(NAPC)

This map shows the continental United States and Mexico. The coastal regions are highlighted in light gray. The North American Pacific Coast (NAPC) is on the left, the North American Atlantic Coast (NAAC) is on the right, and the Gulf of Mexico (GoMex) is at the bottom center.

North American
Atlantic Coast
(NAAC)

Gulf of
Mexico
(GoMex)

North American
Pacific Coast
(NAPC)

North American
Atlantic Coast
(NAAC)

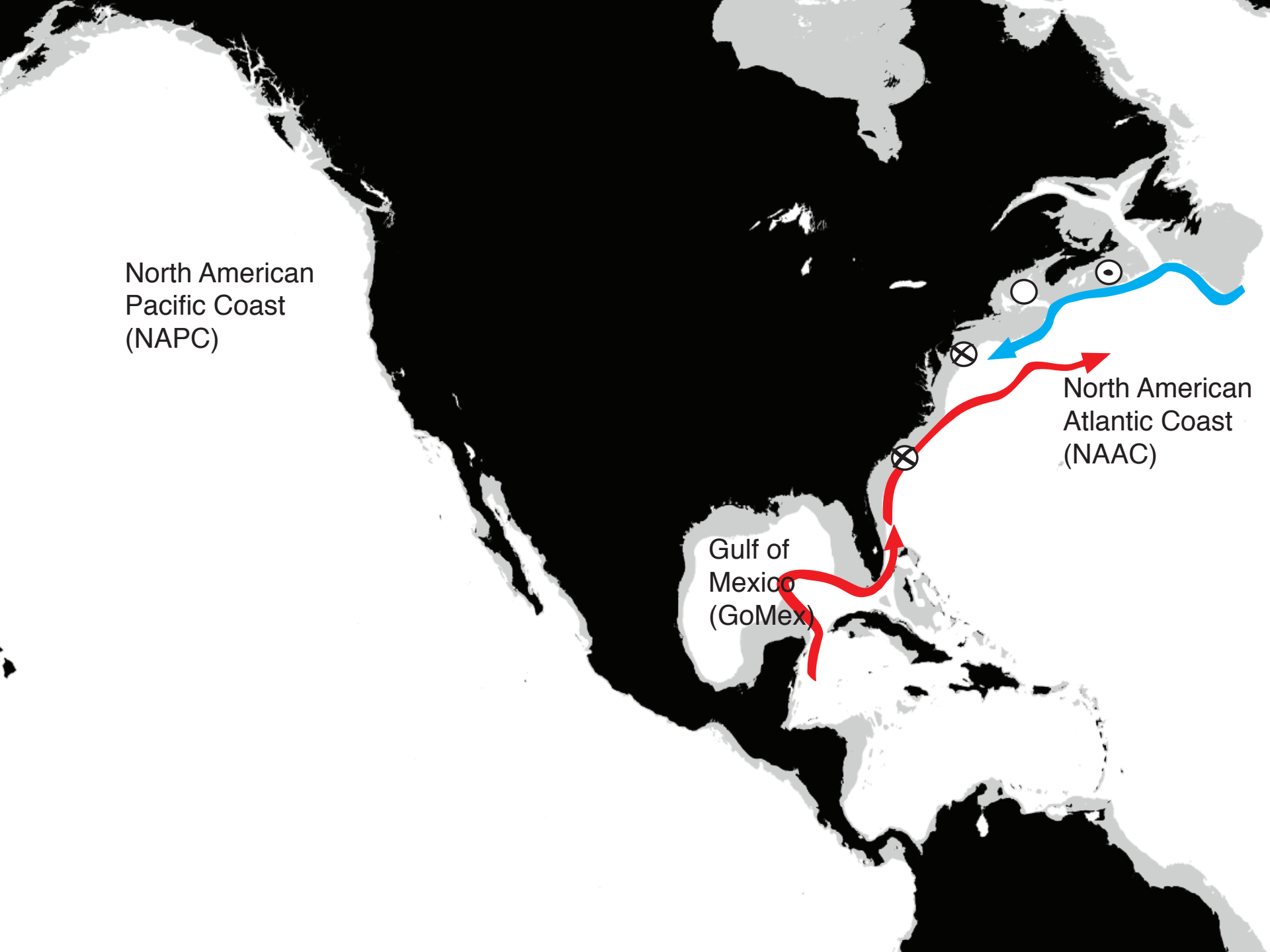
Gulf of Mexico
(GoMex)



North American
Pacific Coast
(NAPC)

North American
Atlantic Coast
(NAAC)

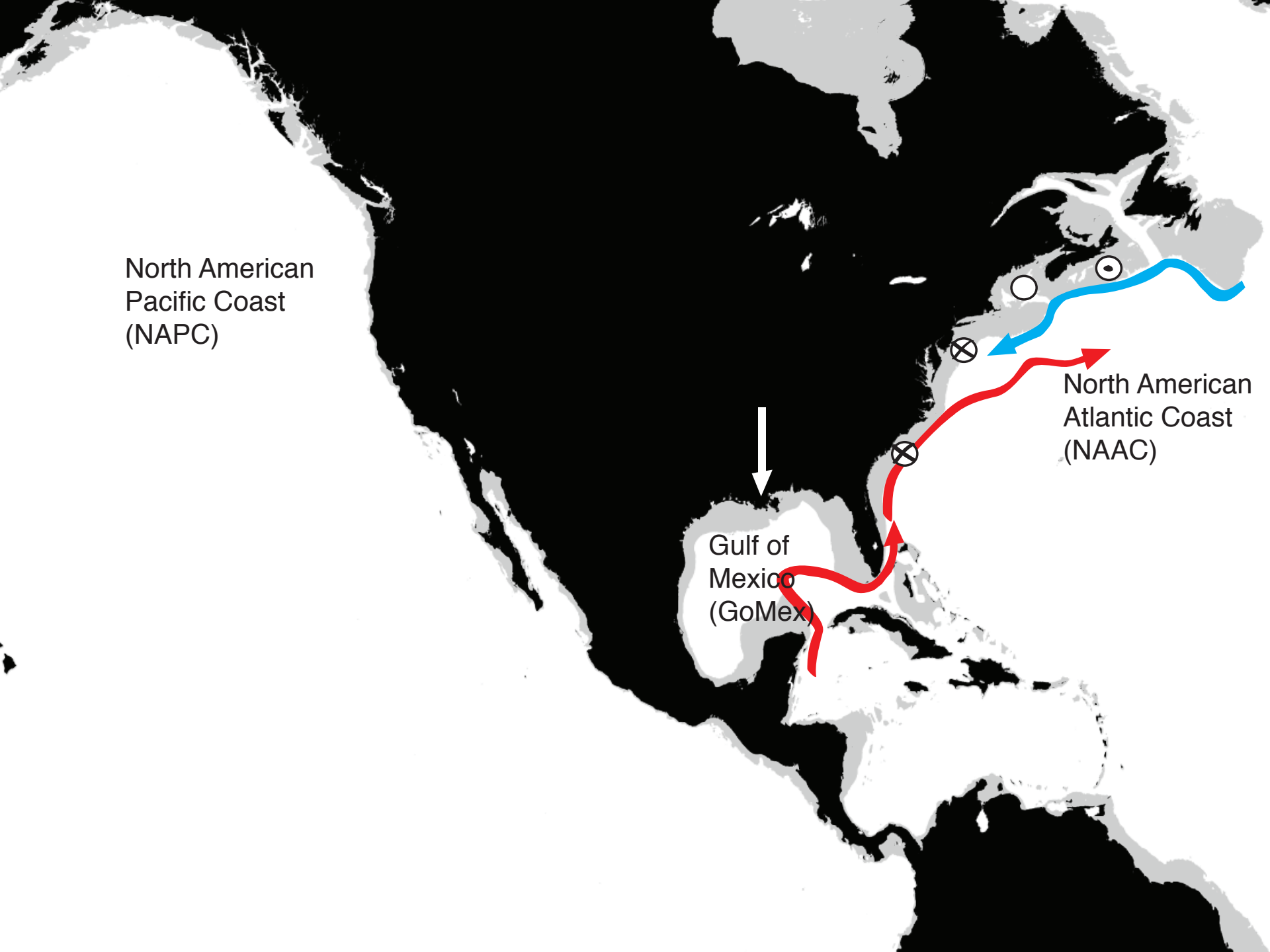
Gulf of
Mexico
(GoMex)



North American
Pacific Coast
(NAPC)

North American
Atlantic Coast
(NAAC)

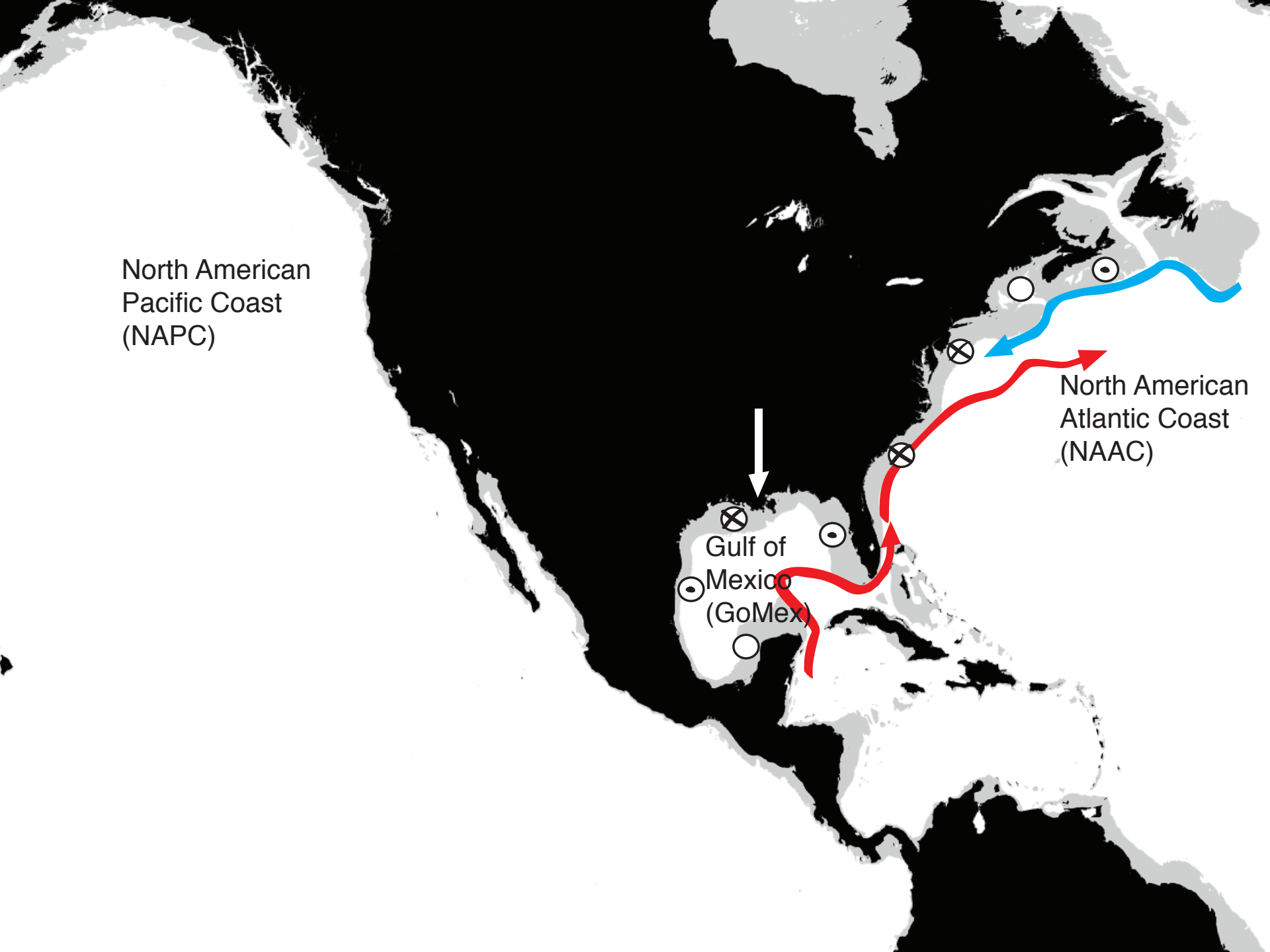
Gulf of
Mexico
(GoMex)



North American
Pacific Coast
(NAPC)

North American
Atlantic Coast
(NAAC)

Gulf of
Mexico
(GoMex)

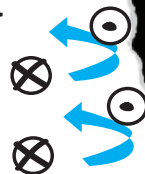


North American
Pacific Coast
(NAPC)



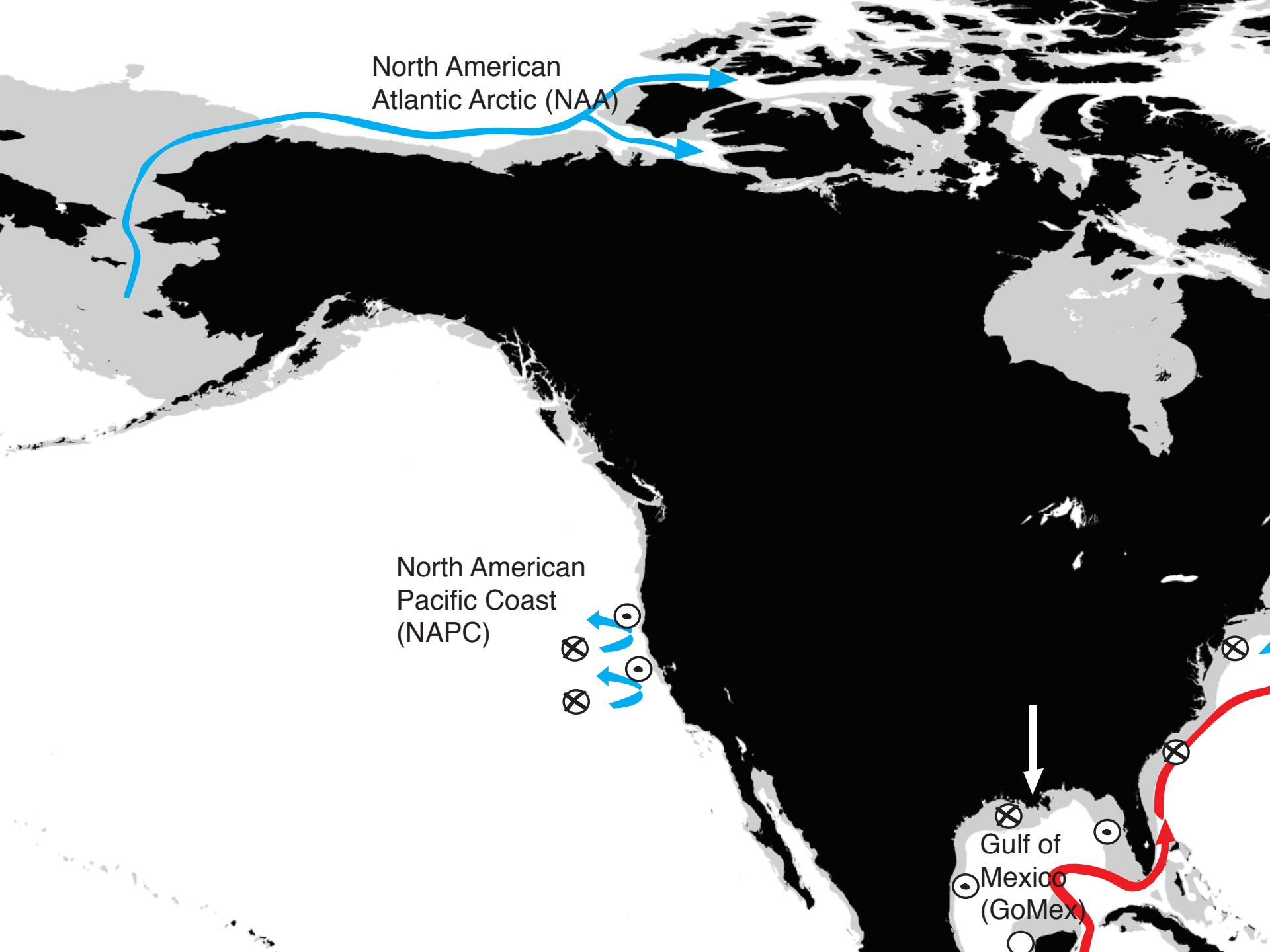
Gulf of
Mexico
(GoMex)

North American
Pacific Coast
(NAPC)



Gulf of
Mexico
(GoMex)

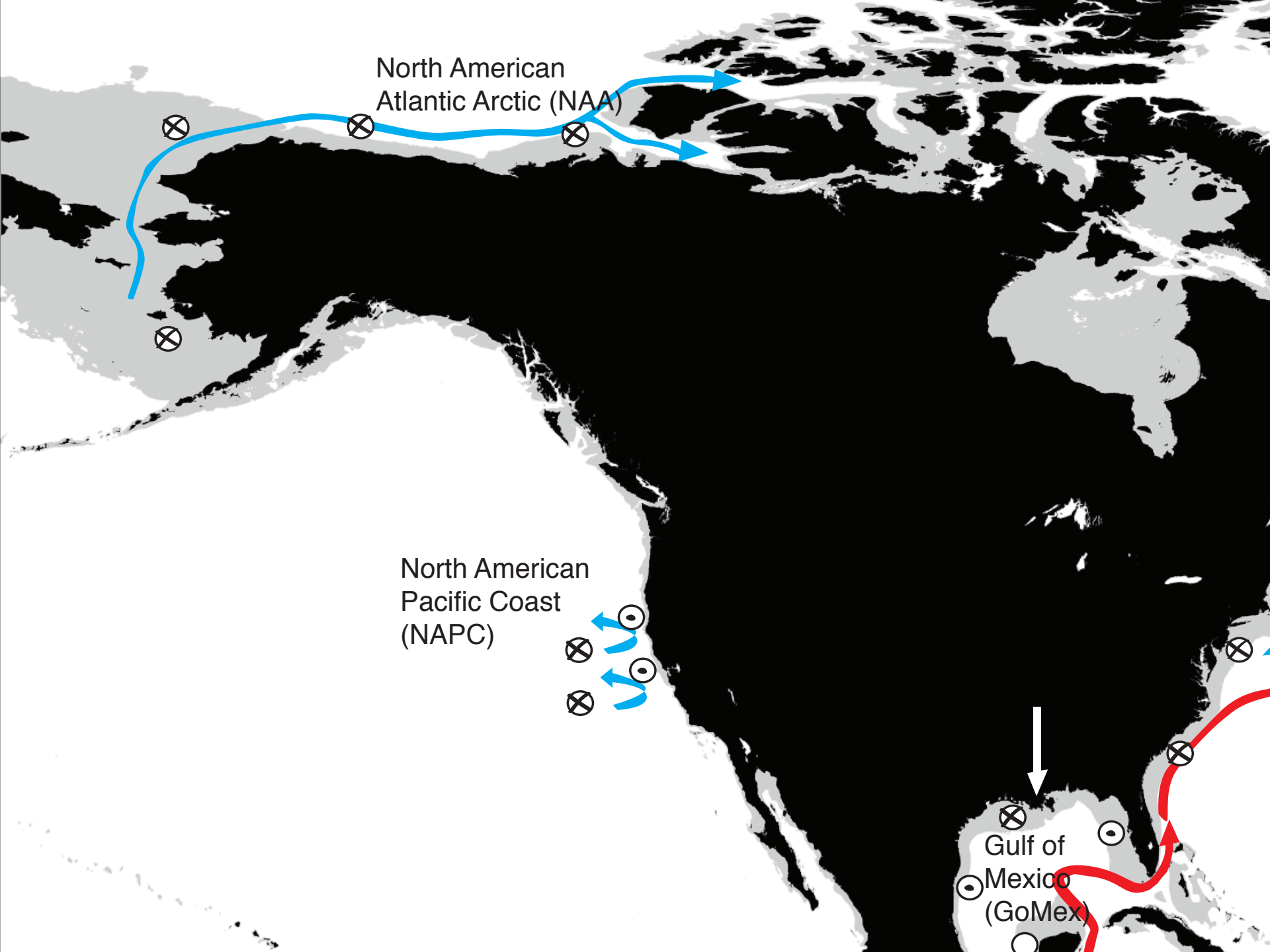




North American
Atlantic Arctic (NAA)

North American
Pacific Coast
(NAPC)

Gulf of
Mexico
(GoMex)



North American
Atlantic Arctic (NAA)

North American
Pacific Coast
(NAPC)

Gulf of
Mexico
(GoMex)

