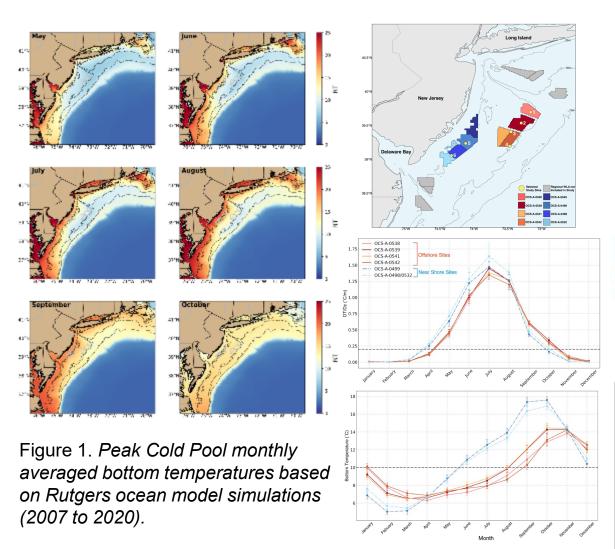
## RUTGERS

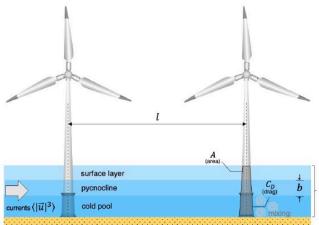
## Interactions and overlap between the Mid Atlantic Cold Pool and offshore wind

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How might flow past a turbine impact mixing of the Cold Pool?



$$au_{mix} = -rac{\phi_{max}H}{Ri_fP_{str}b}$$
 Carpenter et al. (2016)

From only tidal currents and turbine foundations in the MAB it would take ~300 years to mix the Cold Pool.

Currently evaluating storm events and additional ocean process and time-scales on the shelf.