Plum Island Ecosystems LTER

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Warm Weather is making us Crabby!
Wild weather is moving stuff around!
At least the microbes are behaving
Organic Matter Studies land, marsh air, ocean, organisms
No extra OC inputs needed to meet accretion needs

Two additional terms in OC balance – surface dep and marsh erosion

Surface dep ~40% of potential NEP “export”

Edge erosion ~48% of aquatic –NEP

Fate of eroded marsh OC important question in blue carbon accounting