



NExUS Ongoing Projects and Activities Fri Nov 16 02:30:38 EST 2018

Name	Protecting Delaware's Coastal Impoundments from Sea Level Rise
Description	Delaware Division of Fish and Wildlife (DFW) employed a formal Structured Decision-Making process to reconsider and re-evaluate its management objectives for coastal impoundments in light of climate change and sea-level rise.. DFW is developing two climate-smart projects that will address the effects of sea-level on coastal impoundments. One project will repair a dyke in a coastal impoundment and restore a tidal wetland buffer on the seaward side of the impoundment. This project will help DFW maintain the impoundment in the short-term while enabling staff to monitor the effects of sea-level rise on the impoundment and plan longer-term management options. The second pilot project will create an upland impoundment as an alternative for an existing coastal impoundment that might need to be abandoned if sea levels continue to rise. These projects are also part of a broader strategy to prolong the life of DFW coastal impoundments or replace their associated functions, and directly supports an America's Great Outdoors initiative, the Delaware Bayshore Initiative.
Category	- Climate-change Specific Projects
Sector	- Natural Ecosystems - Biota
Focus Area	- Coasts and Climate Resilience (including sea-level rise)
Region	- Regional Or State
Status	- Ongoing - Planned
Lead Agencies	Delaware Division of Fish and Wildlife
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