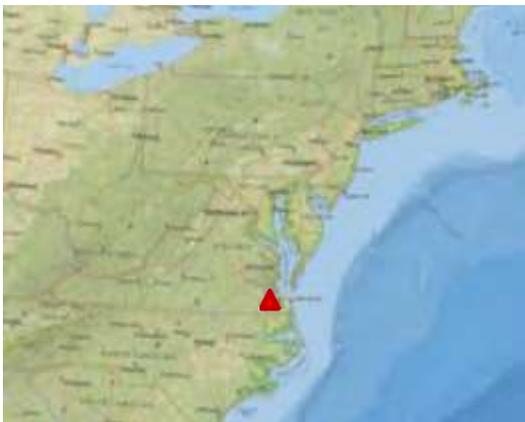


York River, VA; USA



Terrestrial photograph of tidal creek in emergent marsh captured at low tide. Field of view in foreground is approx. 15 meters. The dominant vegetation in this scene is smooth cordgrass.



General location map

CMECS Classification

Biogeographic Setting:

- Realm: Temperate North Atlantic
- Province: Cold Temperate Northwest Atlantic
- Ecoregion: Virginian

Aquatic Setting:

- System: Estuarine
- Subsystem: Coastal
- Tidal Zone: Intertidal

Water Column Component:

- Water Column Layer: Estuarine Tidal Riverine Coastal Upper Water Column
- Salinity Regime: Lower Polyhaline Water
- Temperature Regime: Moderate Water

Geoform Component:

- Tectonic Setting: Passive Continental Margin
- Physiographic Setting: Riverine Estuary
- Geoform Origin: Geologic
- Level 1 Geoform: Marsh Platform
- Level 2 Geoform: Channel
- Level 2 Geoform Type: Tidal Creek

Substrate Component:

- Substrate Origin: Geologic Substrate
- Substrate Class: Unconsolidated Mineral Substrate
- Substrate Subclass: Fine Unconsolidated Substrate
- Substrate Group: Muddy Sand

Biotic Component

- Biotic Setting: Benthic/Attached Biota
- Biotic Class: Emergent Wetland
- Biotic Subclass: Emergent Tidal Marsh
- Biotic Group: Low and Intermediate Salt Marsh
- Biotic Community: *Spartina alterniflora* Virginian Zone Herbaceous Vegetation