

# Potential Sea Level Rise Impacts: Coastal Wetlands

## Existing Wetland Frontier

- Wetland habitat unaffected by sea level rise
- Wetland habitat permanently inundated in the future, converted to open water

## Wetland Migration Zone -

Areas where wetlands may migrate by 2100 if unimpeded

- Current Land Cover may be suitable habitat for wetlands in the future
- Current Land Cover may be viable for conversion to wetlands, but at a loss of direct value to humans
- Current Land Cover may be unsuitable habitat for wetlands in the future

Current extent of coastal dependent wetlands from National Wetlands Inventory (NWI). Wetlands are assumed to migrate to land areas that are below the future mean higher high water (MHHW) datum - the average of the two high waters of each tidal day over a 19-year period. 2100 MHHW is estimated to be current MHHW plus the projected 1.4 meter sea-level rise. Land cover adjacent to existing wetlands was evaluated for the potential to support future wetland habitat.

## Boundaries

- Incorporated City Boundary
- County Line

## Transportation

- Highways
- Major Roads

