

# Download Structures Of Coastal Resilience

This homepage houses all resources and mapping information related to coastal flood risks and mapping for all stakeholder groups in coastal communities nationwide. TAKE ACTION! To understand your flood risk and view your flood maps, visit the Flood Map Service Center (MSC). Learn more about the National Flood Insurance Program (NFIP) and how to get flood insurance. Photo By shayanlinux/CC BY-NC-ND 2.0 Erin A. Thead. October 2016 . Introduction. One of the most dire impacts of anthropogenic climate change is a rise in the global sea level caused by the melting of glaciers and land-based ice caps, as well as a smaller increase from expansion due to the higher temperature of the water itself. Historic Climate Post-1850. Basic hydrometeorologic data have been collected over the region since the mid-1800s, particularly for Great Lakes water levels, meteorological observations and tributary stream flow characteristics. In ecology, resilience is the capacity of an ecosystem to respond to a perturbation or disturbance by resisting damage and recovering quickly. Such perturbations and disturbances can include stochastic events such as fires, flooding, windstorms, insect population explosions, and human activities such as deforestation, fracking of the ground for oil extraction, pesticide sprayed in soil, and ...