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Organic Matter and Nutrient Cycling in Coastal Wetlands and Submerged Aquatic Ecosystems in an Age of Rapid Environmental Change – the Anthropocene

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Deadline for manuscript submissions:
closed (30 September 2021)

Message from the Guest Editors

Dear Colleagues,

Coastal wetlands and submerged aquatic ecosystems play a critical role in cycling, transforming, and storing organic matter and nutrients. By maintaining and improving water quality, these coastal ecosystems facilitate the productivity and ecological function of submerged systems such as seagrass beds and oyster reefs. Understanding the magnitude and pathways of organic matter and nutrient processing within and among intertidal and subtidal systems with rapid environmental change allows us to better manage and restore these systems at larger spatial scales. Despite high rates of destruction and degradation, these systems are continuing to provide a disproportionate magnitude of ecological services that benefit society.

Topics:

- water quality;
- nutrient transport and processing;
- carbon cycling and sequestration;
- anthropogenic stressors;
- disturbance and resilience;
- restoration and management;
- climate change;
- land-use change;

Dr. Tracy Quirk
Prof. Jeffrey Cornwell

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Message from the Editor-in-Chief

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