

VIRTUAL EXPLORATION OF GEORGIA'S COASTAL WETLANDS

Curriculum at a Glance

Pre-Curriculum Materials

- Teacher Introduction Guide (pre- and post-video questions)
- Introduction Video (Run time: 3:28 min.)

Salt Marsh Ecology

- PowerPoint Presentation (narrated)
- Sketch a Wetland Model Activity
- Sketch a Wetland Model Discussion Questions
- Salt Marsh Ecology Worksheet

Understanding Data Collection and Coastal Monitoring

- PowerPoint Presentation (narrated)
- Guide to Understanding Data Collection (“Wetland Surveys”)
- Wetland Data Collection Activity
 - o Virtual Wetland Site
 - o Data Collection Sheet
- Wrap-up Activity (open-ended questions)
- [Optional] End of Activity Report
- [Extension] NOAA “Natural Infrastructure” factsheet

Virtual Wetland Exploration

- Virtual Wetland Field Trip
 - o Meta Quest headsets available by reservation in coastal Georgia counties
 - o Web-based version available directly from the curriculum website)
- Salt Marsh Identification Guide (.pdf)
- Virtual Salt Marsh Guide (link available on curriculum website)
- Wetland Quality Site Ranking Worksheet

Spartina Beach Activity

- PowerPoint presentation (narrated)
- Teacher Instructions
- Student Instructions
- PowerPoint presentation: Stakeholder and Solutions Cards
- PowerPoint presentation: Spartina Beach Classroom Slides (maps, sample worksheet and resilience ratings)
- Printable materials: Spartina Beach maps, student worksheets (2 pages), “money”

Supplemental Resources:

- Glossary
- How-To Guide (Site Guide included)
- Water Quality Info Sheet
- Answer sheets
 - o Sketch a Wetland Model Discussion Questions
 - o Salt Marsh Ecology Worksheet
 - o Data Collection Wrap-up Activity

Curriculum available at <https://secoora.org/virtual-exploration-of-georgias-coastal-wetlands/>



Marine Extension and
Georgia Sea Grant
UNIVERSITY OF GEORGIA

