

# VIRTUAL EXPLORATION OF GEORGIA'S COASTAL WETLANDS

## *Curriculum at a glance*

### **Lesson 1 – Welcome to the Wetland**

- Teacher Introduction Guide
- Part 1- Welcome video (Run time: ~3 min.)
- Part 2- PowerPoint presentation (narrated)
- Student worksheet (fill-in-the-blank)

### **Lesson 2 – Who, What, When, Where and Why of Scientific Data Collection**

- PowerPoint presentation (narrated)
- Graphing exercise
- Reading material: “Wetland Surveys”
- Comprehension questions

### **Lesson 3 – Virtual Wetland Exploration**

- Virtual Wetland Field Trip (Oculus Quest2 headsets available by reservation; Web-based version available on the website)
- Salt Marsh Identification Guide (PDF)
- Virtual Salt Marsh Guide (link available on website)
- Wetland Assessment Data Sheet (fillable PDF; can be used virtually or as a printable)

### **Lesson 4 – Natural Hazards, Human Impacts and Adapting to Change**

- PowerPoint presentation (narrated)
- Extension: NOAA “Natural Infrastructure” handout

### **Lesson 5 – Spartina Beach Activity**

- 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 (4 pages), “money”

### **Supplemental Resources:**

- Glossary
- How To Guide (Site Guide included)
- Water Quality Info Sheet
- Answer sheets (Lesson 1 fill-in-the-blank; Lesson 2 comprehension questions)

### **Curriculum can be found here:**

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



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