

**Job Title: GIS Technician**

**Agency:** Department of State Lands – South Slough National Estuarine Research Reserve

**Salary:** \$19.88/hr

**Other Benefits:** None

**Start:** February 2016

**Position Duration:** Half-time/10 months

**Job Location:** Charleston, OR (near Coos Bay, OR on the south-central Oregon coast)

**Job Summary:** The purpose of this position is to help refine Oregon's Coastal and Marine Ecological Classification (CMECS) habitat classification scheme for the Coos estuary.

**Contact:** Jenni Schmitt: 541.888.8270 x 312 ([jenni.schmitt@state.or.us](mailto:jenni.schmitt@state.or.us))

**Responsibilities:**

- Using ArcGIS/ArcMap, refine Oregon's Coastal and Marine Ecological Classification (CMECS) Coos estuary habitats classified by Department of Land Conservation and Development (DLCD) staff. Specifically by:
  - Resolving unclassified CMECS polygons;
  - Flagging misclassified polygons; and
  - Flagging misaligned polygon boundaries where appropriate
- Add new levels of detail to the CMECS scheme using the recently completed Communities, Lands & Waterways Data Source (Data Source) information (assessments of socio-economic and environmental attributes of the Coos estuary)
- Add status and trends modifiers to CMECS polygons where appropriate
- Add CMECS codes to Data Source attribute tables (as a new column or columns)
- Experiment with a system to add Data Source links to CMECS layers
- Summarize GIS analyses methods and results
- Communicate clearly with both technical and non-technical staff
- Communicate effectively with local community members, specifically those participating in the Data Source project
- Help organize and manage both project-specific and organization-wide geospatial data

**Desired Qualifications:**

- *Highly* proficient in ArcGIS, including experience with Python
- Bachelor's degree with emphasis in natural resource sciences and GIS; or Associates plus 1 year experience using GIS skills in natural resources field
- Capable of integrating, manipulating, analyzing, and presenting GIS data
- Excellent data management skills
- Excellent communication skills

**To Apply:**

Send resume and letter of interest to [jenni.schmitt@state.or.us](mailto:jenni.schmitt@state.or.us)