Position title: Wetland Photo Interpreter

The O’Connor Center for the Rocky Mountain West seeks self-motivated individuals to assist in the production of digital wetland mapping for the National Wetlands Inventory.

Summary of Position:
The Wetland Photo Interpreter uses ArcGIS software to digitize wetland and riparian polygons on digital imagery and manages the associated ArcGIS file geodatabase with tabular data.

We are looking for someone who is:
• Willing to ask appropriate questions
• Hardworking
• Able to work independently
• Capable of meeting deadlines
• Knowledgeable in ArcGIS software
• Enthusiastic to learn
• Yearning to build GIS skills

Essential Functions:
The Wetland Photo Interpreter will map wetlands to U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory standards. Riparian areas will be mapped with the USFWS system for mapping riparian areas in the Western United States. There may be other associated data coded for the wetland and riparian areas. S/he will also implement quality control procedures. S/he is supervised by the Wetland Mapping Projects Manager.

Desired Knowledge/Skills:
• Enrolled in undergraduate major or minor program of Geography, Environmental Studies, or Natural Sciences
• Demonstrated proficiency with the Microsoft Office 365 suite, particularly Word and Excel.
• Minimum one class requiring use of ArcGIS software
• Demonstrated understanding of basic skills using ArcMap 10.6 (or higher) or ArcPro, including editing shapefiles and/or feature classes, validating topology and addressing topology errors, and using ArcToolbox.
• Experience viewing aerial imagery and topographic maps
• Good communication skills, both verbal and written
• Ability to problem solve and make decisions
• Preference will be given to students who have their own laptop.

Wage: $10-13/hour, depending on experience
Time Commitment: 10-20 hours/week, up to full-time during the summer
Work Location: Remote, or until Covid-19 restrictions allow for work on campus
Start date: to be determined

Interested? E-mail a letter of interest, brief resume, and three (3) references to Ryhan Sempler at ryhan.semler@umontana.edu. Please note in the letter of interest if you have your own laptop.