Online Tutor

- Provide homework help and project support, report editing in GIS and remote sensing

GIS Analyst, Scott Air Force Base, IL

- Develop data and corresponding metadata; provide GIS support.

Spatial Ecologist/Assistant Professor, NMSU/USDA

- Manage, organize, and manipulate GIS data, imagery, relational databases, related tables, and attachments.

- Develop and implement workflows to manage and maintain data integrity.

- Classify imagery Design and create standard map templates and maps for field use, publication, and project support.

- Instructor, Fundamentals of GIS, (as Affiliated Faculty, Dept. of Geog.)

Senior GIS Specialist, Miratek

- Classify imagery using eCognition software to identify remnant grasslands and to estimate the degree of shrub invasion on Ft Bliss Military Base.

Graduate and Teaching Assistant, Dept. of Geography, NMSU

- Thesis Project: Analyze telemetry data and vegetation characteristics using Python scripts and R statistical software to investigate spatial distribution of African wild dogs in the Okavango Delta, Botswana.

- Classes taught: basic and advanced GIS, modeling, aerial photo interpretation; Instructor: physical geography.

Terrestrial Ecologist, Nature Conservancy, White Sands MR, NM

- Create and maintain testing and training sites database for use of U.S. Military weapons testing.

- Develop, and train others on the use of, data dictionaries for GPS data.

Environmental Consultant, NMSU/USDA

- Conducted bird and mammal surveys in a desert grassland, managed data.

Senior Research Associate, South Florida Water Management District Everglades Systems Research Division, West Palm Beach, FL.

- Mist-netted birds and conducted bird surveys on tree islands and in marshes

- Assisted in data collection and management; analyzed data using SAS

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Laboratory Coordinator, Dept. of Biology, NMSU

- Collected transect data, maintained experimental treatment

- Ran statistical analyses, and managed data.

- Organized and maintained laboratory, supervised student data collection