

JOY F. STEPHENS

Education

Masters of Science, Environmental Management (Energy), University of Stirling, Scotland
Master of Arts in Teaching, Science Education, University of Southern California, Los Angeles, CA
Bachelor of Science, Liberal Arts, Excelsior College, Albany, NY
Associates of Arts, Chinese Mandarin, Defense Language Institute Foreign Language Center
Remote Pilot License, Federal Aviation Authority – Small UAS Rule (Part 107)

Professional Licenses

State of Indiana Teaching License – Indiana Department of Education

Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
8-Hour HAZWOPER Refresher
ArcGIS Enterprise: Administration Workflows Certification
ArcGIS Enterprise: Configuring a Base Deployment Certification
Linguistic Certification, Chinese Mandarin
SCS Health and Safety Program and Requirements - Project & Site Specific Health & Safety Plan
Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment
Assessment, Lockout/ Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

Professional Experience

As a Project Professional, Joy Stephens is a conscientious environmental scientist with strong communication, analytical, and technical skills. She possesses a comprehensive set of practical skills including environmental surveys and monitoring, GIS, R, and Environmental Impact Assessment. She has extensive knowledge of sustainable development principles, issues surrounding energy production, and environmental policy. She has an in-depth understanding of the scientific principles (atmospheric, hydrological, geomorphological, and ecological) that underpin environmental management as well as the economic, political, social, and legal frameworks for managing the environment.

Ms. Stephens performs drone flights, collects and processes relevant data, and produces a variety of maps using ArcGIS software to best visualize results. Additionally, she sets up data collection, management, and visualization on ArcGIS online and ArcGIS Enterprise.

Ms. Stephens' additional experience includes performing data base management, tracking and cross-referencing data to determine system health, compliance monitoring and tracking, assign maintenance tasks and conveying supervisory instruction, coordination of purchases and deliveries, general staff oversight including timekeeping records review and expense controls, as well as document and client report preparation and review. Her fieldwork includes gas analysis instrumentation, liquid levels, tedlar bag samples, landfill gas migration probe monitoring, dangerous goods shipments, client communication and relations.