

# Catherine Holland

## Ecologist



### PROFESSIONAL RESPONSIBILITIES

Ms. Holland is an ecologist for ASC Group and has gained extensive experience in wetland delineation, as well as environmental and archaeological field methods for projects in Indiana. She also has experience writing a variety of environmental documents including: Waters of the U.S./Wetland Delineation reports and Categorical Exclusion reports. In addition, she also has experience completing the IPaC process for endangered bats. She has worked closely in a team structure with crew members, project managers, and other personnel.

### Education

Ball State University,  
Muncie, Indiana, MS  
Natural Resources and  
Environmental  
Management

Purdue University, West  
Lafayette, Indiana, BS  
Natural Resources and  
Environmental Science

### EXPERTISE

- Experience in archaeological and environmental field and lab methods for projects in Indiana. This experience includes:
  - Phase Ia field survey
  - Soil and plant identification
  - Wetland delineation
  - Hazardous waste response,
  - Report writing
  - GIS-ArcMap
  - Trimble GPS
  - GPR use
  - Worked in field and laboratory settings both independently and closely in a team structure with crew members, project managers, and other personnel.
  - Represented Ball State University and the Rinard Orchid Greenhouse at multiple public outreach events.

### SELECTED PROJECT EXPERIENCE

- SR 14 Small Structure Replacement Project over UNT to Manitou Lake, Rochester Township, Fulton County, Indiana (Des. No. 1701451). Served as ecologist for Waters of the US Determination/Wetland Delineation.
- US 33 over US 30 Bridge Rehabilitation (Des. No. 2001583), Allen County, Indiana. Authored Programmatic Categorical Exclusion Document.
- US 35 Small Structure Replacement Project over Marks Ditch (Des. No. 1701474), California Township, Starke County, Indiana. Served as ecologist for Waters of the US Determination/Wetland Delineation.
- SR 47 Culvert Replacement Project, Sugar Creek Township, Boone County, Indiana (Des. No. 1800141). Served as ecologist for Waters of the US Determination/Wetland Delineation.
- SR 234 over an UNT to Indian Creek Pipe Lining Project (Des. No. 1800128), Brown Township, Montgomery County, Indiana. Served as ecologist for Waters of the US Determination/Wetland Delineation.
- SR 13 over the Wabash River Bridge Deck Overlay, Wabash, Wabash County, Indiana (Des. No. 1800602). Authored Categorical Exclusion Document.
- SR 116 over Six Mile Creek Project (Des. No. 1800614), Harrison Township, Wells County, Indiana. Served as ecologist for Waters of the US Determination/Wetland Delineation.