

Education & Certifications B.A. Geography, 2008
ESRI Certificate of Completion for ArcGIS 3D Analyst 2008

Overview Mr. Weiss offers a variety of experience in geospatial science, environmental planning, urban and regional planning, Geographic Information Systems (GIS) and 3D visual simulations.

Geographic Information Systems (GIS) Mr. Weiss has extensive expertise utilizing geographic information systems (GIS) and 3D visual simulations. His experience includes conducting GIS studies for environmental impact analyses, environmental justice evaluations, permit applications and visual impact assessments. Mr. Weiss has a working knowledge in the use of mapping grade global positioning systems (GPS) and has integrated data from GPS into GIS databases, including wetland delineations and inventories of historic properties and structures. Mr. Weiss also has experience in the field of remote sensing and land use coverages. He is familiar with ArcGIS spatial analyst extensions as well as the use of model builder to optimize productivity.

Environmental Documentation Mr. Weiss has participated in data collection, impact analysis, and mitigation evaluation for environmental impact statements and environmental assessments pursuant to the National Environmental Policy Act (NEPA) and Connecticut Environmental Policy Act (CEPA), conforming to the regulations and guidelines of agencies including Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and the Federal Aviation Administration (FAA).

Transportation Planning Mr. Weiss has experience in evaluating a variety of data relevant to transportation and land use-linked projects such as corridor studies and feasibility studies. He has a working knowledge of methods and application of demographic and land use mapping to transportation studies. He has collected data, prepared maps and utilized GIS analysis for a number of purposes in support of transportation studies.

Professional Affiliations Connecticut GIS Users Group (CTGIS)
Northeast ARC Users
American Society for Photogrammetry and Remote Sensing (ASPRS)

Computer Software Capabilities Arc Map 9.3 GIS, Google Earth, Microsoft Office Pro

Representative Projects New Haven Hartford Springfield Commuter Rail (CT, MA)
Danbury EIS Commuter Rail (CT)
Connecticut Congestion Toll Study (CT)
Route 8 Interchange Study (CT)
Connecticut Bicycle and Pedestrian Map (CT)
Winchester Main Street Enhancement (CT)
Scotland Dam Recreation and Preservation (CT)
Route 4 and 84 Interchange (CT)

