

Josh Valenti, BSc. (Hons), GIS (PG)

Senior Project Coordinator



Josh joined Watson in 2017 after several years of education and work experience refining his knowledge of data management and spatial analysis techniques.

He brings valuable experience to our clients in the areas of school board planning and accommodation, and governance and boundary reviews with expertise in spatial and demographic analysis.

EDUCATION

2015, Niagara College

GIS: Geospatial Management, Post-Graduate Certificate

2014, Brock University

Bachelor of Science (Honours), Physical Geography

EMPLOYMENT HISTORY

Current

Senior Project Coordinator, Watson & Associates Economists Ltd.

- Supports the areas of school board planning and accommodation with experience in demographic/enrolment projections and education development charge studies.
- Supports governance and boundary reviews providing technical expertise.
- Facilitates consultation processes through the development of visual aids, surveys and presentations.

2015-2017

Asset Management and GIS Analyst, Urban and Environmental Management Inc.

- Developed and managed spatial and non-spatial databases for all ongoing projects.
- Analyzed environmental/spatial data to help inform decision-making processes.
- Developed detailed maps, reports and methodologies.



EMPLOYMENT HISTORY cont'd

2014-2015

Project Manager and GIS Analyst, Niagara College Thesis

- Analyzed meteorological and environmental data within the Holland Marsh and surrounding areas to identify trends in variables.
- Used geospatial techniques in the Holland Marsh River to identify potential areas of increased nutrient loading, and watershed areas with an excess or deficit of water.

2013-2015

Geospatial Research Assistant, Brock University

- Researched and analyzed water quality and the effects of beneficial management practices (BMPs) on the surrounding watershed.
- Used GIS software to conduct spatial analysis of BMP trends across the watershed to determine their relation to water quality issues.

ACADEMIC JOURNALS

- Baird, J., Jollineau, M., Plummer, R., Valenti, J. (2016). Exploring agricultural advice networks, beneficial management practices and water quality on the landscape: A geospatial social-ecological systems analysis. Land Use Policy, 51236-243.

EXPERTISE

- Capital business cases
- Enrolment projections and demographic studies
- Education financial and capital planning
- School board planning and accommodation (Long Term Accommodation Plan)
- Education development charges (EDC)
- Pupil accommodation reviews (PAR)
- Employment lands strategies
- Growth management studies
- Municipal comprehensive reviews
- Official Plan reviews
- Growth monitoring
- Governance and boundary reviews
- Spatial and tabular data management
- Data visualization
- Public consultations