

Qualifications Summary

- Experience managing fieldwork, designing databases, calculating chemical exposures, and designing GIS documents.
- Experienced in model development.
- Conducted ecological risk assessments and characterizations.
- ESRI ArcGIS; SimaPro Life Cycle Assessment; StatSoft Statistica; Microsoft Word, Excel, Access, and PowerPoint; Adobe Photoshop and Illustrator

JOSEPH FAMELY, M.E.M., B.A.

Coastal Scientist

Fields of Expertise

Environmental management, modeling, sustainable design, environmental impact analyses, GIS, environmental science and policy, land use, planning and development, and restorative environmental design.

Higher Education

M.E.M., Yale School of Forestry & Environmental Studies (2009)

B.A., Bowdoin College (2000)

Employment History

2009-Present Coastal Scientist, Woods Hole Group, Inc.
Summer 2009 Environmental Impact Assessment Consultant,
Hudson River Valley Resorts
Summer 2008 Sustainability Planning Fellow,
Yale Urban Design Workshop
2006-2007 Environmental Scientist, Exponent, Inc.
2000-2006 Associate Scientist, Menzie-Cura & Associates, Inc.
Summer 2000 ClimateWise Intern, Maine Center for Energy &
Environment

Key Projects

New York State Environmental Quality Review (NYSEQR), Hudson River Valley Resorts, Rosendale, NY

Developed an energy and greenhouse gas model for a green resort and residential community development's NYSEQR Environmental Impact Statement. Additionally, investigated geothermal feasibility and assessed the project's impact on public facilities and services.

Yale President's Public Service Fellowship, Yale Urban Design Workshop, New Haven, CT

Developed a neighborhood sustainability framework for a New Haven community. Established goals, proposed sustainability indicators and targets, and suggested strategies for adopting sustainable community practices. Provided community development corporation with a quantitative and spatial sustainability evaluation.

Key Projects (continued)

Alaska Cruise Ship Model, Exponent, Winchester, MA

Developed a model to help US EPA Office of Water assess residence times of contaminants associated with cruise ship discharge in Alaskan harbors.

Ecological Risk Assessment, Menzie-Cura & Associates, Winchester, MA

Conducted a Stage I and Stage II ecological risk characterization for a former metal finishing facility in Massachusetts. Planned and led field investigations, managed data analysis, and authored assessment report.

Publications and Awards

Yale School of Architecture Retrospecta, 2008-2009. Master Plan for Nusajaya / Zone B, Iskandar, Malaysia. Group project for ARCH 636a: Sustainable Design.

2008 Award for Outstanding Work in Restorative Environmental Design. Independent consulting project for Urban Villages' sustainable community development in Hudson, Alabama.

2008 Yale President's Public Service Fellowship. Placement at Yale Urban Design Workshop through Yale Office of New Haven & State Affairs.

Beinecke Scholarship, 2007-2009. Yale School of Forestry & Environmental Studies.