

CAPABILITY STATEMENT

Contact: Gina Beim, P.E., Founder and President

Company Description

Our Decision Support Strategies Division helps organizations in the public, private or not-for-profit sectors prioritize competing alternatives. We specialize in doing this while considering multiple, conflicting objectives and employing Multi Criteria Decision Analysis, or MCDA: the methodology for which we named our firm. Whenever decisions are complicated, tradeoffs between alternatives exist, subjectivity is present, and accountability is necessary, MCDA may help in the ranking and alternative selection process. We can also analyze project alternatives in a more traditional way, through Benefit/Cost analyses and Life Cycle Cost Analyses.

Our Water Resources Engineering Division focuses on Water, Wastewater and Stormwater plans and studies. We have experience in multiple aspects of water resources planning and management, water resources strategic planning and facilities planning, from small stormwater prevention plans to large scale projects. For the latter we are particularly suited to team up with prime consultants, bringing to the table our water resources background combined with our unique expertise in using Multi Criteria Decision Analysis methods to help select the project alternative that best fits the values of the owners and stakeholders.

We have Strategic Marketing Capabilities as well.

Certifications

- Professional Engineering Firm in the State of Ohio (No. 05125)
- Small Business Administration Woman Owned Small Business
- Ohio Department of Transportation Small Business Enterprise (SBE)
- Ohio Unified Certification Program SBE and Certified Disadvantaged Business Enterprise (DBE)
- Cuyahoga County Certified SBE and Woman Business Enterprise (WBE)
- City of Cleveland "Cleveland Area Regional Small Business" and Female Business Enterprise
- Northeast Ohio Regional Sewer District Certified WBE (20161115MCD)
- Cleveland Metroparks qualified for "under 50" Professional Design Services

Core Competencies

- Facilitation of Decisions with Multiple Criteria
- Prioritization of Engineering Solutions / Alternatives Evaluation
- Water Resources Planning and Management
- Master Plans, Facilities Plans, Feasibility Studies, Reports
- Engineering Economics (Benefit Cost Analyses, Life Cycle Cost Analyses)
- Engineering Communications (reports, presentations and papers of technical nature)

Codes

NAICS:

541330 (primary) ENGINEERING SERVICES
 541690 OTHER SCIENTIFIC AND TECHNICAL CONSULTING SERVICES
 541990 ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
 541618 OTHER MANAGEMENT CONSULTING SERVICES
 541613 MARKETING CONSULTING SERVICES

CAGE: 7RHU2

DUNS: 080456763

Gina Beim's project experience:

Subconsultant: Northeast Ohio Regional Sewer District (NEORS) Regional Stormwater Management Program – Stormwater Fee Toolset Policies;

Prime consultant: Evaluation of Southern New Hampshire University refugee education program using Multi Criteria Decision Analysis

Project Manager: NEORS Westerly District Combined Sewer Overflow Phase II Facilities Planning Study; NEORS Floatables Control Study

Project Engineer for: City of Cleveland Water Department Corrosion Control Study; Cleveland Hopkins International Airport Wastewater Collection and Treatment/Recycling Systems Project; Hydraulic Modeling of the Mill Creek Interceptor Sewer; General Plan for Sanitary Sewer Discharge Elimination and Infiltration and Inflow Study for Vermilion, OH; Sanitary Sewer Master Plan for Sheffield Lake, OH; Water Distribution System Analysis for Follansbee, WV; Sanitary Sewer Evaluation Study for Hermitage, PA; Kings Creek Interceptor Sewer Evaluation for Weirton, WV; Development of storm water ordinance for the City of Sharon, PA; Development of drinking water ordinance for the Follansbee, WV; Feasibility studies and preliminary design of the San Francisco River (NE of Brazil) interbasin water transfer project, with USACOE consultants.

Principal Investigator/ Researcher: Use of Multiple Criteria Decision Analysis in Country Selection for New Business Ventures; Use of Multiple Criteria Decision Analysis to select Projects for Venture Capital Funding; Heinz Endowments Evaluation of Water Quality Programs by Multiple Criteria Analysis; Review of use of Multicriteria Decision-Making Methodology for Energy and Technology Choice for Oak Ridge National Laboratory; Development and Use of Subjective Probabilities for Water Resources Investments (Poe Lock Risk Analysis), for the U.S. Army Corps of Engineers; Development of a simulation model of illegal transport and disposal of brine in the Upper Cuyahoga Watershed, for the Northeast Ohio Areawide Coordinating Agency (NOACA); Application of the "Electre" Multi Criteria Decision Analysis Method to select layout of secondary roads.