CARMEN M. PANUCCIO

EDUCATION:

SUNY at Buffalo, Buffalo, NY; 1975 - Master of Science in Civil Engineering
SUNY at Buffalo, Buffalo, NY; 1973 - Bachelor of Science in Civil Engineering

CONTINUING EDUCATION AND TRAINING:

- Waste Site Worker Protection and Supervisor Training Certificates, OSHA - 1988
- Asbestos Handler, Supervisor, Building Inspector, and Planner Certificates, NYS - 1988 to 1994

CERTIFICATION:

- Intern Engineer - New York, Certification No. 017436, Dated 9-10-74

AFFILIATIONS:

- American Society of Civil Engineers (ASCE) - Member (1973 to present)
- International Society of Soil Mechanics and Foundation Engineering- Member (1986 to present)
- ASCE Committee: Environmental Concerns in Geotechnical Engineering - Member (8/81-9/88)
- American Society for Testing and Materials (ASTM) - Member (1988, 1989)
- Tau Beta Pi - (1973)
- Chi Epsilon - Associate Editor of the TRANSIT 1972 to 1974

PROFESSIONAL EXPERIENCE:

- **Barron & Associates, P.C.: (1997 to Present) & Buffalo Drilling Company, Inc.: (1991 to Present)**

Responsible for providing geotechnical and environmental engineering consulting services for private and public corporations/entities including: planning, investigation, evaluation, design and remediation studies. Geotechnical studies include: subsurface exploration by drilling/excavation methods and monitoring with instrumentation; physical and chemical soil property determination by lab and field testing programs for conventional construction and contaminated soils/materials; data evaluation; and conventional foundations, retaining and earth supported structures selection and design; and subgrade/subsoil construction inspections of spread footings, caissons, deep foundations and earthwork construction for trenches, roadways, embankments and structural fill. Environmental studies include: preliminary/Phase I and Phase II environmental site assessments/examinations; physical inspection of the facilities; sampling of materials for analytical testing; preparation of permit applications relative to solid and hazardous waste facilities and uncontrolled hazardous waste sites; data evaluation; and feasibility studies, engineering design and implementing remedial alternatives. Responsible for technical, administrative and business development activities of consulting, as well as supervision of scientific, technical and clerical staff.

- **Self-Employed Consultant (1987 - 1992; 1974 - 1977 [part-time])**
- **ECCO, Inc., The Environmental Consulting Company, Inc. [Part Owner] (1988 - 1989)**
- **Recra Environmental, Inc. (1986 - 1987) & Formerly Recra Research, Inc. (1981 - 1986) {Subsidiaries of BFI, Feb. 1983; & Cecos, Dec. 1980}**
- **Cecos International, Inc. (1980 - 1981)**

Geotechnical, civil and environmental engineering consulting services included: Phase I environmental site assessments/examinations; asbestos building inspections, asbestos management planning, and asbestos operations and maintenance planning; feasibility studies, engineering design and preparation of permit applications relative to solid and hazardous waste facilities and uncontrolled hazardous waste sites; and feasibility studies and engineering design for conventional foundations, retaining structures and earth supported structures. Geotechnical laboratory capabilities include implementation and evaluation of experimental programs and of standardized and new testing procedures for conventional construction materials and contaminated soils and sediments. Responsible for technical, administrative and business developments activities of consulting.

State University of New York at Buffalo (1973 - 1979)

Research and development engineer on railroad ballast (gravel sized particles) properties and compaction under contract with the U. S. Department of Transportation, Transportation Systems Center. Also, planned geotechnical engineering undergraduate and graduate course curriculums and assignments, established laboratory testing schedules per semester, and lecturing of prepared material.