



EDUCATION

University of Puerto Rico
Bachelor of Science in Civil Engineering, 1973

PROFESSIONAL LICENSES

- Professional Engineer*
- *Florida #44599*
 - *Puerto Rico #7566 (INACTIVE)*

PROFESSIONAL EXPERIENCE PROFILE

2009	<i>YPC Consulting Group, P.L.</i> Vice President
1995 - 2008	<i>ASC Geosciences, Inc.</i> Senior Vice President
1991 - 1995	<i>Wingerter Laboratories, Inc.</i> Vice President
1988 - 1991	<i>Impoex, LTD</i> Vice President
1983 - 1988	<i>Wendy's Restaurant Administration Services</i> Building Construction Manager
1976 - 1983	<i>Enrique G. Ferrer & Associates</i> Construction Engineer
1973 - 1976	<i>Rexach Construction Company</i> Project Engineer

PROFESSIONAL EXPERIENCE

Mr. Murati has managed firms specializing in construction materials testing and geotechnical engineering for the last 18 years in the southwest Florida area. Accordingly, Mr. Murati has vast experience in geotechnical engineering and construction quality control for large housing developments, golf club communities, high-rise condominiums, schools, office buildings, government buildings, airports, roads, and health care facilities. He has also performed and coordinated threshold inspections for many of those types of projects.



Mr. Murati's expertise is broad and includes foundation pile design and installation monitoring, static pile loads tests, dynamic pile load tests, blasting/vibration monitoring, vibro-replacement and vibro-flotation ground improvement techniques, post-tension concrete monitoring, shallow foundation design and inspection, and specialized foundation such as helical pier anchors, structure underpinning, CSV columns, etc.

Mr. Murati has worked on over 1,500 geotechnical investigations for foundation recommendations in projects ranging from single-family homes to large residential developments to 22-story condominiums. In addition, Mr. Murati has extensive experience in the construction and inspection of public works and major residential development projects in his native Puerto Rico.

PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- American Society of Civil Engineers

PROFESSIONAL PUBLICATIONS

- Saxena, D.S. and Murati, F., "*Effective Rock Excavation, Blast Monitoring and Building Construction - A Case History*", *Proceedings*, 49th Canadian Geotechnical Conference, St. John's, Newfoundland, 23-25 September 1996.
- Murati, H. Frank, Saxena, A., and Saxena, D.S., "*Design and Construction of Pile Foundations for a Building Complex – A Case History*", 7th International Conference and Exhibition on Piling and Deep Foundations, Vienna, Austria, 15-17 June 1998.
- Saxena, D.S. and Murati, F., "*PDA Assisted Dynamic Load Tests Provide a Cost-Effective Foundation Solution – A Case History*", *Proceedings*, 53rd Canadian Geotechnical Conference, Montreal, Quebec, Canada, 15-18 October 2000.
- Saxena, D.S., Murati, H. Frank, and Saxena, Anu, "*Effective Rock Blasting and Vibration Control Program Saves Adjoining Plant in Southwest Florida – A Case History*", Canadian Geotechnical Conference, Calgary, Ontario, Canada, 16-19 September 2001.



- Saxena, D.S., Murati, H. Frank, and Saxena, Anu, "*Geomembrane Liner Utilized to Control Loss and Create Conservational Lake - A Case Study*", ASCE Florida Section Annual Meeting, Key Biscayne, Florida, 21-22 September 2001.
- Saxena, D.S., Murati, H. Frank, "*Rock Characterization, Blasting, and Vibration Control Program in Southwest Florida – A Case History*", 28th Annual Conference on Explosives and Blasting Techniques, Las Vegas, Nevada, 10-13 February 2002.
- Pacitto, C.J., Murati, H.F., and Saxena, D.S., "*Dynamically Load Tested and Installed Pile Foundation in Southwest Florida – A Case History*", *Proceedings*, 9th International Conference on Piling and Deep Foundations, Nice, France, 3-5 June 2002.
- Saxena, D.S., Murati, H.F., and Stephan, G.A., "*Designed, PDA Assisted Load Tested, and Constructed Pile Foundation Provides and Economical Foundation Solution*", *Proceedings*, Deep Foundations Institute Annual Meeting, Miami, Florida, 22-24 October 2003.
- Saxena, D.S. and Murati, H. Frank, "*Water Loss Control with Geomembrane Liner Creates a Conservational Lake – A Case History*", The First Pan American Geosynthetics Conference & Exhibition, Cancun, Mexico, 2-5 March 2008.