



Samir Elmir, MS PhD candidate, PE, DEE, CEHP

Environmental Administrator, Miami-Dade County Health Department

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NSF-NIEHS Oceans & Human Health Center Role: Investigator-Recreational Microbes

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Education

- Present PhD candidate-Environmental Engineering-University of Miami, Miami, FL
- 1989 MS- Civil Engineering-University of Miami, Miami, FL
- 1985 BS- Civil Engineering, Beirut, Lebanon

Research Interests

My research interests are mainly focused on the evaluation and management of all potential point and non point fecal sources impacting the microbial water quality in recreational waters located in tropical and subtropical environments.

Representative Publications

Fleming LE, Solo Gabriele H, Shibata T, Elmir S., Squicciarini D, Quirino W, Arguello M, Van De Bogart G, 2004. A Pilot Study of Microbial Contamination of Subtropical Recreational Waters. FI J Env Health, March 2004;29-33.

Shibata T, Solo Gabriele H, Fleming LE, Elmir S., 2004. Monitoring Marine Recreational Water Quality Using Multiple Microbial Indicators In An Urban Tropical Environment. Water Research, 38: 3119-3131.

Shibata T, Solo Gabriele H, Fleming LE, Elmir S., 2004. Microbial Water Quality Indicators Are Used to Determine Whether a Water Body Has Been Impacted by Sewage, and Therefore Unsafe for Recreational Purposes. Abstract for the USEPA National Beaches Conference, San Diego California, Oct. 13-15, 2004.

Principal contributor to the publication of the FDOH “ Surveillance and Control of Selected Arthropod – borne Diseases in Florida “, 2000.

Co-author of the Miami Dade County Childhood Lead Poisoning Prevention Program, CDC Grant, 1999.

Co-author, “ Effects of Nonlinearities on Structural Reliability and Serviceability”, 1989, Journal of the American Society of Civil Engineers.

More Info:

<http://www.dadehealth.org/enviro/ENVIROabout.asp>