

Hema J. Siriwardane

Professor and Interim Chairman - Civil and Environmental Engineering; Professor - Constructed Facilities Center

Approved Graduate Faculty for Statler MS and PhD committees



Education

Ph.D., Virginia Tech, 1980

M.S., Asian Institute of Technology, 1976

B.Sc. Engineering, University of Ceylon, 1975

During the last 20 years, the major thrust of Prof. Siriwardane's research work has been in geotechnical engineering. He has experience in both computer modeling and laboratory research work. Professor Siriwardane has served in a number of national and international committees dealing with geomechanics. He is the co-author of the book entitled Constitutive Laws for Engineering Materials, with Special Reference to Geologic Media, Prentice Hall Inc., Englewood, New Jersey published in 1984. Professor Siriwardane served as the Chairman for the Eighth International Conference on Computer Methods and Advances in Geomechanics, which was held in the USA in 1994.

Research Focus Areas

Environmental Technologies

Research Interests

Geotechnical Engineering and Geomechanics

Finite Element Methods in Geomechanics

Computer Applications

Flow Through Porous Media
Stress-Strain-Strength Behavior of geomaterials
Geoenvironmental Engineering

Teaching Interests

Geotechnical Engineering
Finite Element Method

Professional Societies

IACMAG

hema.siriwardane@mail.wvu.edu