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ROGER A. SPIEGLER
SENIOR TECHNOLOGIST

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Mr. Spiegler is a Senior Technologist with Engineering Systems Inc. (ESI) located in Ft. Myers, Florida. Mr. Spiegler has over 37 years of experience in accident investigation, close range photogrammetry, and accident analysis and accident site documentation. He is skilled in preparing engineering graphics, court exhibits, and models that are easily understood.

ESI is a multi-disciplined technology based consulting firm with offices in various locations in the U.S. that provides clients services related to loss investigation, research, testing, inspection, product development, and consulting. The Florida Operation's professional staff consists of scientists, engineers, and researchers providing technical services that include transportation equipment design and performance, environmental sciences, accident and injury analysis, risk analysis, and human factors and safety. Projects are supported with a research library, test facility, and graphics/photography/video capability.

Areas of Specialization

Accident Investigation
Photogrammetry
Technical Illustrations
Model Making
Technical Graphics
Auto CAD
Video

Education

B.S., Graphic Arts Technology, Northern Illinois University, 1975
Associates of Arts, Art & Industrial Design, College of DuPage, 1973

June 2017

Professional Affiliations/Honors

American Society for Photogrammetry and Remote Sensing (ASPRS)

Member

Positions Held

Engineering Systems Inc., Ft. Myers, Florida

Senior Technologist, 2004 - present

Senior Researcher, 2001 - 2003

K.C. Breen & Associates, Inc., Ft. Myers, Florida

Senior Researcher, 1991 - 2001

Packer Engineering, Inc., Naperville, Illinois

Coordinator of Graphic Services, 1977 - 1990

Bell Laboratories, Naperville, Illinois

Engineering Graphics, 1976 - 1977

Continued Education

Ostego Bay Oil Spill Cooperative – Post-Emergency Response Operations

Under 29 CFR 1910.120, Captiva, Florida, 2010

Technical Digital Photography

Ft. Myers, Florida, 2006

AutoCAD 2000 Autodesk Seminar

Ft. Myers, Florida, 1999

AutoCAD Land Development Autodesk Seminar

Ft. Myers, Florida, 1999

AutoCAD Map 14 Autodesk Seminar

Ft. Myers, Florida, 1998

AutoCAD 14 Autodesk Seminar

Ft. Myers, Florida, 1997

Nikon School of Photography

Miami, Florida, 1996

Fundamentals of CAD

College of DuPage, Illinois, 1985

ASP-ACSM – State-of-the-Art Close-Range Photogrammetry and Surveying

San Antonio, Texas, 1984

Accident Reconstruction Seminar

Naperville, Illinois, 1980

Publications/Presentations

“Technical Aspects of Phase I/II Environmental Site Assessments” (Cover Photo), 1999

“Pulp and Paper Manufacture,” Third Edition, Vol. 9, Chapter 10 (Illustrations), 1992

“Standard Welding Terms and Definitions,” A3.0-89 (Illustrations), 1989

“A New Welding Qualification Standard”, ASW American Welding Society – Welding Journal
(Cover and Lead Photo), 1978