E. Lee Diveley, III   **Research Planning, Inc.**
GIS Project Manager

Mr. Diveley is a Geographic Information Systems (GIS) Project Manager for Research Planning, Inc.'s GIS department. He specializes in Arc/INFO® geographic information system software for design, digitization, and production of relational databases and map products, as well as air photo interpretation. He has experience in ORACLE™ relational database management system for design and structural relationships with various GIS data. His job responsibilities include managing Environmental Sensitivity Index (ESI) mapping projects, new project development, new application and ArcView® extensions development, Internet mapping, GIS technical guidance, and implementation of quality control procedures.

EDUCATION

B.S., Geography, University of South Carolina (USC), Columbia (1992).

PROFESSIONAL EXPERIENCE

1999-Present: GIS Project Manager, Research Planning, Inc.
Responsible for project planning, database design, and quality control for RPI's Environmental Sensitivity Index (ESI) mapping projects. Currently manages the GIS component of numerous mapping projects. Involved in GIS project development, applications development, and Internet mapping. Accountable for design, maintenance, technical mapping parameters and metadata standards for assigned mapping projects. Responsibilities include QA/QC of metadata and digital data for associated project deliveries.

1997-1999: GIS Applications Technician, City of Columbia, SC
Responsible for coordinating all GIS activities within Public Services; maintain quality control, supervise, organize assets, research and implement methodology for spatial analysis and cartographic products, and provide technical knowledge to the department and the general public.

1995-1997: GIS Project Coordinator, Data Entry Supervisor, Research Planning Inc.
Responsible for utilization of hardware and software assets in the production of accurate, high quality Environmental Sensitivity Index Atlases accomplished by developing computer mapping, GIS modeling, and data entry techniques. Plan and implement quality assurance and control standards for digital data and deliverable metadata.

1992-1995: GIS Technician, Research Planning, Inc.
Assisted in the design and creation of relational database structure for use with environmental sensitivity index maps, as well as with the data entry and editing process of the ESI maps.

TECHNICAL EXPERTISE

Software:

Expertise in NT and Unix® for: Arc/INFO®, including Arc/INFO®'s macro language (AML), ArcView®, Autodesk® AutoCAD®, Pixel!FX®, Image Alchemy PS™, ORACLE™, and SQL*Plus® › Microsoft®

Access®, and multiple word processing packages.

Hardware:

Expertise on Windows®, Unix, DOS, and MacIntosh® platforms. Experienced with Calcomp® and HP® large format plotters, large format scanners, and multiple tape back-up systems.

SELECTED PUBLICATIONS

Zengel, S., A. Meylan, H. Norris, M. White, L. Diveley, W. Holton, and K. Moody, 1996, Mapping sensitive sea turtle areas in Florida for oil spill response and natural resources management (abstract). 16th Annual Symposium on Sea Turtle Biology and Conservation, Hilton Head Island, S.C.

Zengel, S., L. Diveley, M. White, W. Holton, and A. Meylan, 1995, Collection and compilation of biological data during Environmental Sensitivity Index (ESI) mapping. Invited Presentation, Annual Meeting of the Florida Region of the American Society of Photogrammetry and Remote Sensing (ASPRS), 25-26 September 1995, Tampa., Fla.