

## **Dr. David L. White**

### **Data and Information Management, Task Lead, NOAA Hollings Marine Lab, Charleston, SC**

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Dr. White's technical experience includes the design and implementation of data and information management systems for environmental and genetic data. His research efforts have focused on the effects of land-based activities on biological populations and alteration of absolute nutrient concentrations in marine systems.

These research efforts were integrated with the use of Geographic Information Systems (GIS), remote sensing and geostatistics to address spatial variation and classification issues of the ecological parameters under study. His current work includes



evaluating the linkages between the condition of tidal creek ecosystems and socioeconomic data; developing an enterprise GIS for the Hollings Marine Laboratory; and implementing a Laboratory Information Management System in support of marine genomics.

#### **Research interests:**

- Coastal and Estuarine Ecology
- Phytoplankton Ecology
- Design of Data Management Systems
- Information Technology
- Geographic Information Systems (GIS)
- Geostatistics
- Remote Sensing

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