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For the past twenty-six years I've been working on developing and deploying application prototypes using Geographic Information Systems technology at ESRI. Currently I am the manager of an applied R&D team - the Applications Prototype Lab., exploring new applications of GIS and linkages with government, business and scientific organizations. The focus of the group over the last four years has been in web enabling GIS methods and analysis.

Over the years I've participated in over 50 successful GIS software procurement evaluations and competitions, including leading teams responding to competitions for the North Atlantic Treaty Organization (NATO), the National Oceanic and Atmospheric Administration (NOAA), the National Geographic Society, as well as agency wide adoption of GIS technology within the U.S. Departments of Agriculture and Interior.

My colleagues developed the prototype for the NGA Palenterra project and we've collaborated with JPL staff on a number of GIS related prototype projects including server based Martian lander site analysis and selection; and visualization of products from AIRS sensors in industry standard GIS client applications. Our most recent work has been in displaying and effectively representing the effects of various climate change scenarios.

In addition to prototype work, I've been as been involved in data base and GIS implementations around the world, including participation in emergency response roles for Hurricane Mitch and the 2003 southern California fire events. I am currently interested in the potential displacement of plants and animals in response to climatic modifications of landscapes.

Prior to joining ESRI, I worked at the Harvard Laboratory for Computer Graphics and Spatial Analysis as a Research Analyst and at Oak Ridge National Laboratory in the Environmental Sciences Division as an Information Assistant.

I have an MLA degree from the Harvard Graduate School of Design.