

Beth H. Driver

Beth H. Driver is the Scientific Advisor for Data Bases at the National Geospatial-Intelligence Agency (NGA). She currently serves as Chief of the Outreach Division in the Office of Basic and Applied Research and is responsible for administering and coordinating academic outreach programs, including the Agency's academic research programs.

Dr. Driver was selected to the Defense Intelligence Senior Level service in 1993. Since that time she has led and supported numerous programs to adopt and exploit modern system development and data management practices and technologies. A particular area of interest has been practical ways to incorporate and use various bodies of existing, often-conflicting data.

Prior to assuming her current position she served as Technical Executive for the Acquisition Systems Office and for its predecessor organizations. She advised the GeoScout Program Manager and program team on architecture and programmatic matters related to the new acquisition model envisioned for the program and on achieving the open, data-centric architecture that is one of NGA's goals.

She led efforts to improve Intelligence Community support for precision targeting by adopting more flexible production strategies, more rigorous practices, and developing a knowledge base to minimize production and support overhead, and to make wider use of non-traditional data sources.

She has led several studies on how to extend and foster commercial production of data, how to organize data storage and data production, and on overall architectures for NGA production and data management systems.

Before joining the government, she managed various defense and intelligence programs in the private sector, encompassing both strategic planning and development of data-intensive systems. Problems addressed included capture, storage, and full-text search of large volumes of scientific and technical reports, including full page images, and use of structured data base management systems for nontraditional kinds of data, including geospatial information, foreign-language data, and bibliographic information. She designed numerous studies to evaluate data handling and dissemination alternatives.

She holds a Ph.D. and M.A. from the University of Texas at Austin and an A.B., *summa cum laude*, from Ohio University, where she was elected to Phi Beta Kappa. She has published papers, served on national study groups for such organizations as the National Research Council, and served on ANSI/SPARC standards committees. She received the Defense Mapping Agency Distinguished Civilian Service medal.

Dr. Driver lives in Arlington, Virginia.