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Dr. Frew's research interests lie in the emerging field of environmental informatics, a synthesis of computer, information, and Earth sciences. He is interested in information architectures that improve the discoverability, usability, and reliability of distributed environmental information. His current research is focused on geospatial information provenance, discovery, and curation, using remote sensing data products generated by his [Environmental Information Laboratory](#) as operational test beds.

Dr. Frew received his Ph.D. in [Geography](#) from UCSB in 1990, where he developed the [Image Processing Workbench](#), an open-source software toolset for remote sensing image processing. From 1992 to 1994 he was a research engineer in the Computer Science Division at UC Berkeley, where he served as the Associate Director of the [Sequoia 2000 Project](#), a 3-year \$14M multi-campus consortium investigating large-scale data management aspects of global change problems. From 1994 to 2004 he was a PI on the [Alexandria Project](#) (part of NSF's [Digital Libraries Initiative](#)), where he directed the development of the Alexandria Digital Earth Prototype (ADEPT) testbed system. Since 1997 he has been a PI on a series of NASA-funded projects to develop satellite data systems for snow cover and ocean color mapping. During the 2005-2006 academic year he was a visiting professor at the [University of Edinburgh's Digital Curation Centre](#).