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The U.S. Army Corps of Engineers' Hydrologic Engineering Center Data Storage System, or HEC-DSS, is a database system designed to efficiently store and retrieve scientific data that is typically sequential. Such data types include, but are not limited to, time series data, curve data, spatial-oriented gridded data, textual data (such as this manual), and others. The system was designed to make it easy for users and application programs to retrieve and store data. HEC-DSSVue (HEC-DSS Visual Utility Engine) is a graphical user interface program for viewing, editing, and manipulating data in HEC-DSS database files.

HEC-DSS originated at the Hydrologic Engineering Center in 1979 under the direction of Dr. Art Pabst. Since that time, many have worked on the development of the HEC-DSS software and the HEC-DSS utility programs, including William Charley, Al Montalvo, Carl Franke, Paul Ely, Robert Carl, Dennis Huff, and numerous others.

Mr. William Charley, leader of the software development team, designed HEC-DSSVue and created the main interface screen. Resource Management Associates (RMA) of Fairfield, California, under the direction of Dr. John DeGeorge, aided in the development of the user interface. The RMA staff included Richard Rachiele, who translated the DSSMATH functions into Java, Mark Ackerman wrote the math function screens, and Shannon Newbold was responsible for the graphics. Dr. Cassie Carter, under contract with RMA, wrote the initial draft of this manual. Mr. Darryl Davis was the Director of HEC during the development of this software.