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Foreword

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 time series data, curve data, spatial-oriented gridded data, and textual data (such as this manual). 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, Mike Perryman and numerous others.

Mr. William Charley led the software design and development team, as well as created the main interface screen and other components. Resource Management Associates (RMA) of Fairfield, California, under the direction of Dr. John DeGeorge, aided in the development of HEC-DSSVue. The RMA staff included Richard Rachiele, who translated the DSSMATH functions into Java, Mark Ackerman, who wrote the math function screens and plug-in capabilities, Shannon Newbold, who was responsible for the graphics and Peter Morris, who designed and implemented the graphical editor. Mike Perryman of HEC led the development of the scripting capabilities.

Dr. Cassie Carter, under contract with RMA, wrote the initial draft of this manual. Shannon Larson, William Charley, and Mike Perryman wrote updates for the current version of this document. Amanda Waller and Penni Baker tirelessly reviewed, corrected and formatted the document for publication.

