

Management, Operation and Maintenance of Irrigation and Drainage Systems

Management, Operation and Maintenance of Irrigation and Drainage Systems

Second Edition

Prepared by the
Committee on Operation and Maintenance of
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of Civil Engineers

Editors

William R. Johnston
James B. Robertson

Contributing Authors

Albert J. Clemmens
William R. Johnston
Richard L. Long
Fred L. Nibling, Jr.
Lowell F. Ploss
Robert F. Prouty
James B. Robertson
Bernice A. Sullivan
Edwin F. Sullivan
Carl Tennis
Joan S. Thullen

Task Committee Members

Albert J. Clemmens
William R. Johnston
Lowell F. Ploss
James B. Robertson
Edwin F. Sullivan

Peer Review Committee Members

Roger W. Beiler
Paul R. Cross
Charles H. King, Jr.
John L. Merriam
Walter J. Ochs
Stephen H. Ottemoeller
Darell D. Zimbelman



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ABSTRACT

Management, Operation and Maintenance of Irrigation and Drainage Systems (Manual No. 57) is a revision of the 1980 publication *Operation and Maintenance of Irrigation and Drainage Systems*. This manual presents significant new innovations and modifications of procedures that have been implemented throughout the irrigation and drainage industry, particularly in areas of management and maintenance strategies, environmental benefits and safety practices. It is intended to help irrigation and drainage districts to minimize costs while maximizing production with available resources. In addition, this revised manual should be of interest to anyone associated with irrigation and drainage systems throughout the world.

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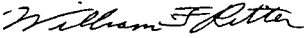
Preface

This manual replaces the American Society of Civil Engineers (ASCE) Manual No. 57, Operation and Maintenance of Irrigation and Drainage Systems, written in the 1970s and published in 1980.

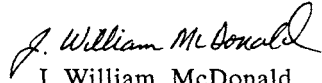
This revision presents significant new innovations and modifications of procedures that have been implemented throughout the irrigation and drainage industry, particularly in areas of management and maintenance strategies, environmental benefits, and safety practices.

This updated information is intended to assist irrigation and drainage districts in the proper management, operation, and maintenance of agricultural irrigation water delivery systems in minimizing costs and maximizing production with available resources. In addition, the material presented in this manual is intended to command the attention of all persons associated with irrigation and drainage systems throughout the world.

This revision is a joint effort between ASCE and the Bureau of Reclamation. Special thanks to the International Irrigation Center, Utah State University, Logan, Utah, and Westlands Water District, Fresno, California, for their contributions to this manual. All contributing personnel have varied backgrounds and experiences that enhance this unique and functional document.



William F. Ritter
Chairman
Executive Committee
Irrigation and Drainage Division
ASCE



J. William McDonald
Assistant Commissioner
Resources Management
Bureau of Reclamation
Department of Interior

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