

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
Irrigation and Drainage Systems of the Irrigation
and Drainage Division of the American Society
of Civil Engineers

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Published by the
American Society of Civil Engineers
345 East 47th Street
New York, N.Y. 10017-2398

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.

Library of Congress Cataloging-in-Publication Data

Management, operation, and maintenance of irrigation and drainage systems/prepared by the Committee on Operation and Maintenance of Irrigation and Drainage Systems of the Irrigation and Drainage Division of the American Society of Civil Engineers: editors, William R. Johnston, James B. Robertson; contributing authors, Albert J. Clemmens . . . (et al.).—2nd ed.

p. cm.—(Manuals and reports on engineering practice: no. 57)

This revision replaces the American Society of Civil Engineers (ASCE) manual no. 57, *Operation and maintenance of irrigation and drainage systems*, published in 1980.

Includes bibliographical references and index.

ISBN 0-87262-785-3

1. Irrigation engineering. 2. Drainage. I. Johnston, William R., 1934- . II. Robertson, James B., 1940- . III. Clemmens, Albert J. IV. American Society of Civil Engineers. Committee on Operation and Maintenance of Irrigation and Drainage Systems. V. *Operation and maintenance of irrigation and drainage systems*. VI. Series: ASCE manuals and reports on engineering practice; no. 57.

TC805.M37 1991

627'.52—dc20

91-3854

CIP

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Library of Congress Catalog Card No: 91-3854

ISBN 0-87262-785-3

Manufactured in the United States of America.

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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.

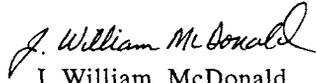
This revision presents significant new innovations and modifications of procedures that have been implemented throughout the irrigation and drainage industry, particularly in areas of management and maintenance strategies, environmental benefits, and safety practices.

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.



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