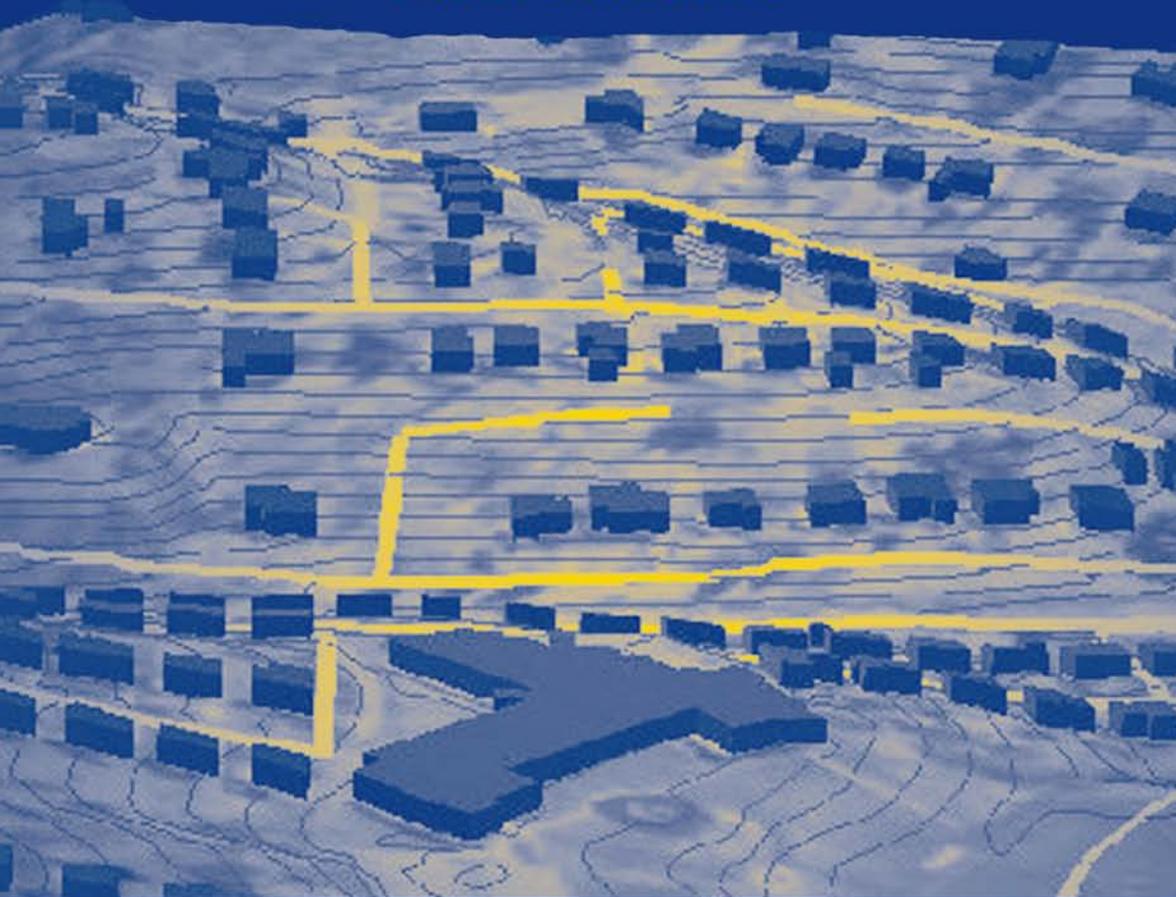


GIS Applications for Water, Wastewater, and Stormwater Systems

U.M. Shamsi



A CRC PRESS BOOK

GIS Applications for Water, Wastewater, and Stormwater Systems

U.M. Shamsi



Taylor & Francis
Taylor & Francis Group

Boca Raton London New York Singapore

A CRC title, part of the Taylor & Francis imprint, a member of the Taylor & Francis Group, the academic division of T&F Informa plc.

Library of Congress Cataloging-in-Publication Data

Shamsi, U. M. (Uzair M.)

GIS applications for water, wastewater, and stormwater systems / U.M. Shamsi.
p. cm.

Includes bibliographical references and index.

ISBN 0-8493-2097-6 (alk. paper)

1. Water—Distribution. 2. Sewage disposal. 3. Runoff—Management. 4. Geographic information systems. I. Title.

TD482.S53 2005

628.1—dc22

2004057108

This book contains information obtained from authentic and highly regarded sources. Reprinted material is quoted with permission, and sources are indicated. A wide variety of references are listed. Reasonable efforts have been made to publish reliable data and information, but the author and the publisher cannot assume responsibility for the validity of all materials or for the consequences of their use.

Neither this book nor any part may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, microfilming, and recording, or by any information storage or retrieval system, without prior permission in writing from the publisher.

The consent of CRC Press does not extend to copying for general distribution, for promotion, for creating new works, or for resale. Specific permission must be obtained in writing from CRC Press for such copying.

Direct all inquiries to CRC Press, 2000 N.W. Corporate Blvd., Boca Raton, Florida 33431.

Trademark Notice: Product or corporate names may be trademarks or registered trademarks, and are used only for identification and explanation, without intent to infringe.

Visit the CRC Press Web site at www.crcpress.com

© 2005 by CRC Press

No claim to original U.S. Government works

International Standard Book Number 0-8493-2097-6

Library of Congress Card Number 2004057108

Printed in the United States of America 1 2 3 4 5 6 7 8 9 0

Printed on acid-free paper