

ARMS CONTROL AND THE ENVIRONMENT

Edited by
Lakshman D. Guruswamy
and
Suzette R. Grillot



Transnational Publishers, Inc.
Ardsley, New York

Published and distributed by Transnational Publishers, Inc.
410 Saw Mill River Road
Ardsley, NY 10502, USA

Phone: 914-693-5100
Fax: 914-693-4430
E-mail: info@transnationalpubs.com
Web: www.transnationalpubs.com

Library of Congress Cataloging-in-Publication Data

Arms control and the environment / Lakshman D. Guruswamy & Suzette R. Grillot, eds.
p.cm.

Includes bibliographical references.

ISBN 1-57105-146-5

1. Arms control. 2 Nuclear disarmament—Environmental aspects. 3. Chemical warfare—Environmental aspects. I. Guruswamy, Lakshman D., II. Grillot, Suzette

JZ5687 .A76 2001
363.7—dc21

2001017448

Copyright © 2001 by Transnational Publishers, Inc.

All rights reserved. This book may not be reproduced, in whole or in part, in any form (beyond that copying permitted by U.S. Copyright Law in Section 107, "fair use" in teaching and research, Section 108, certain library copying, and except in published media by reviewers in limited excerpts), without written permission from the publisher.

Manufactured in the United States of America

CONTENTS

Acknowledgments	v
Foreword, <i>Judge Christopher Weeramantry</i>	vii
PART 1 Defining the Issues	1
Chapter 1: Arms Control and the Environment: An Introduction	3
<i>Suzette R. Grillot & Lakshman D. Guruswamy</i>	
Chapter 2: Arms and the Environment: The Road to Sustainable Development	21
<i>Jayantha Dhanapala</i>	
Chapter 3: Environmental Impacts of Arms and War	41
<i>Jeffrey A. McNeely</i>	
Chapter 4: The Environmental Implications of Arms Control Agreements	59
<i>Elizabeth J. Kirk</i>	
PART 2 Implementing Arms Control: Case Studies	85
Chapter 5: Nuclear Disarmament and the Environment: The IAEA Perspective	87
<i>David B. Waller</i>	
Chapter 6: Nuclear Arms Control: The Environmental Dimension	99
<i>Lakshman D. Guruswamy and Jason H. Aamodt</i>	
Chapter 7: Green Chemistry: Dismantling Chemical Weapons While Protecting the Environment.	143
<i>David A. Koplou</i>	
Chapter 8: The Environmental Legacy of Biological Weapons Testing.	159
<i>Eileen H. Choffnes</i>	
Chapter 9: The Fourth Rationale: Conventional Arms Control and the Reclamation of the Environment	185
<i>Cassady B. Craft and Suzette R. Grillot</i>	
PART 3 Evaluating Environmental Impact Assessments	215
Chapter 10: Arms, the Environment, and the	

iv • Arms Control and the Environment

United States Military	217
<i>Gary Vest</i>	
Chapter 11: Environmental Impact Assessments in Manufacture and Procurement, Employment, and Control of Arms	227
<i>Nicholas Rostow</i>	
Chapter 12 Conclusion: Strategies for Controlling Arms and Protecting our Environment	239
<i>Lakshman D. Guruswamy</i>	
About the Contributors	257
Table of Authorities	263
Index	269