

Liquid Assets

*An Economic Approach for
Water Management and Conflict Resolution
in the Middle East and Beyond*

Franklin M. Fisher
Annette Huber-Lee
Ilan Amir
Shaul Arlosoroff
Zvi Eckstein
Munther J. Haddadin
Salem Ghazi Hamati
Ammar M. Jarrar
Anan F. Jayyousi
Uri Shamir
Hans Wesseling

With special contributions by

Amer Z. Salman
Emad K. Al-Karablieh

RESOURCES FOR THE FUTURE
WASHINGTON, DC USA

Contents

About the Authors. ix
Preface. xiii

PART I
General Methodology

1. Water and Economics. 3
2. The Water Allocation System Model: A Management Tool. 25
3. Crop Choice and Agricultural Demand for Water :
Agricultural Submodel 45
4. International Conflicts: Promoting Cooperation. 62

PART II
Results for Israel, Palestine, and Jordan

A Note on Some Sensitive Issues. 77
5. Results for Israel. 79
6. Results for Palestine. 124
7. Results for Jordan. 152
8. The Value of Cooperation. 196
Notes. 219
References. 231
Index. 235