

Environmental Consequences of War and Aftermath

Volume Editors: Tarek A. Kassim · Damià Barceló

With contributions by

D. Al-Ajmi · A. Al-Enezi · A. Asem · N. R. Bhat
D. Djordjevic · J. Hart · V. Kalafatic · B. S. Levy
V. Martinovic-Vitanovic · A. Mihajlidi-Zelic
N. R. Miljević · R. Misak · S. A. S. Omar · P. Polic
A. Popovic · D. Relic · Saif ud din · V. W. Sidel
J. E. Slutzman · I. Tošić · M. Unkašević
Z. Vukmirović · Z. S. Žunić

Contents

Background to Selected Environmental and Human Health Effects of Chemical Warfare Agents	1
John Hart	
Prevention of War and Its Environmental Consequences.....	21
Victor W. Sidel, Barry S. Levy, and Jonathan E. Slutzman	
Remote Sensing: Fundamentals, Types and Monitoring Applications of Environmental Consequences of War	41
Dhari Al Ajmi and Saif ud din	
War-Induced Soil Degradation, Depletion, and Destruction (The Case of Ground Fortifications in the Terrestrial Environment of Kuwait).....	125
R. Misak, D. Al-Ajmi, and A. Al-Enezi	
Critical Assessment of the Environmental Consequences of the Invasion of Kuwait, the Gulf War, and the Aftermath.....	141
Samira A. S. Omar, N. R. Bhat, and Adel Asem	
Atmospheric Transport and Deposition of Persistent Organic Pollutants Under Warfare Conditions	171
Zorka Vukmirović, Miroslava Unkašević, and Ivana Tošić	
Environmental and Health Impact Assessment of Ammunition Containing Transuranic Elements	209
Zora S. Žunić and Nada R. Miljević	

Ecological Impact on the Danube After NATO Air Strikes.....	253
Vesna Martinovic-Vitanovic and Vladimir Kalafatic	
 Speciation of Heavy Metals in Geological Matter of the Serbian National Parks, Protected Areas and Cities Within the Danube River Basin After the War Conflict in 1999.....	 283
Aleksandar Popovic, Dragana Djordjevic, Dubravka Relic, Zorka Vukmirovic, Aleksandra Mihajlidi-Zelic, and Predrag Polic	
 Index.....	 321