

1. Record Nr.	UNINA9910460581603321
Autore	Carle David <1950->
Titolo	Introduction to water in California // David Carle
Pubbl/distr/stampa	Oakland, California : , : University of California Press, , 2016 ©2016
ISBN	0-520-96289-3
Edizione	[Second edition.]
Descrizione fisica	1 online resource (347 p.)
Disciplina	363.6/109794
Soggetti	Water-supply - California Hydrology - California Water-supply - California - Management Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- CONTENTS -- Acknowledgments -- CHAPTER ONE. Tapping into a Planetary Cycle -- CHAPTER TWO. California Water Landscape -- CHAPTER THREE. The Distribution System -- CHAPTER FOUR. Challenges to California Water Management -- CHAPTER FIVE. Meeting the Challenges: California's Water Future -- ACRONYMS AND ABBREVIATIONS -- HISTORICAL TIMELINE -- AGENCIES AND ORGANIZATIONS -- REFERENCES -- PHOTO CREDITS -- INDEX -- AUTHOR BIOGRAPHY
Sommario/riassunto	This thoroughly engaging, concise book tells the story of California's most precious resource, tracing the journey of water in the state from the atmosphere to the snowpack to our faucets and foods. Along the way, we learn much about California itself as the book describes its rivers, lakes, wetlands, dams, and aqueducts and discusses the role of water in agriculture, the environment, and politics. Essential reading in a state facing the future with an overextended water supply, this fascinating book shows that, for all Californians, every drop counts. New to this updated edition: * Additional maps, figures, and photos * Expanded coverage of potential impacts to precipitation, snowpack, and water supply from climate change * Updated information about the struggle for water management and potential solutions * New content

about sustainable groundwater use and regulation, desalination, water recycling, storm water capture, and current proposals for water storage and diversion \*Additional table summarizing water sources for 360 California cities and towns

2. Record Nr.	UNINA9910300428603321
Titolo	Conflict and Complexity : Countering Terrorism, Insurgency, Ethnic and Regional Violence // edited by Philip Vos Fellman, Yaneer Bar-Yam, Ali A. Minai
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2015
ISBN	1-4939-1705-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (X, 292 p. 68 illus., 57 illus. in color.)
Collana	Understanding Complex Systems, , 1860-0832
Disciplina	363.325015118
Soggetti	terrorism regional security ethnic conflict simulation Physics Social sciences Computational complexity Application software System safety Applications of Graph Theory and Complex Networks Methodology of the Social Sciences Complexity Computer Appl. in Social and Behavioral Sciences Security Science and Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This volume is part of the NECSI Studies on Complexity collection."-- Title page verso.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Part I: The Theoretical Background -- Modeling Terrorist

Networks: The Second Decade -- Complex Systems Studies and Terrorism -- The Psychology of Terrorism -- A Framework for Agent-based Social Simulations of Social Identity Dynamics -- DIME/PMESII Models -- Net-Centric Logistics: Complex systems science aims at moving targets -- Part II: Applications and Case Studies -- A Fractal Concept of War -- Disrupting Terrorist Networks, A Dynamic Fitness Landscape Approach -- Comparison of approaches for adversary modeling decision support for counterterrorism -- The Landscape of Maritime Piracy and the Limits of Statistical Prediction -- Identities, Anonymity and Information Warfare -- Part II: Broader Horizons -- The Geography of Ethnic Violence -- Food Security and Political Instability: From Ethanol and Speculation to Riots and Revolutions -- South African Riots: Repercussion of the Global Food Crisis and US drought -- Conflict in Yemen: From Ethnic Fighting to Food Riots -- Complexity and the Limits of Revolution: What Will Happen to the Arab Spring?.

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Sommario/riassunto

Complexity science affords a number of novel tools for examining terrorism, particularly network analysis and NK-Boolean fitness landscapes as well as other tools drawn from non-linear dynamical systems modeling. This book follows the methodologies of complex adaptive systems research in their application to addressing the problems of terrorism, specifically terrorist networks, their structure and various methods of mapping and interdicting them as well as exploring the complex landscape of network-centric and irregular warfare. A variety of new models and approaches are presented here, including Dynamic Network Analysis, DIME/PMESII models, percolation models and emergent models of insurgency. In addition, the analysis is informed by practical experience, with analytical and policy guidance from authors who have served within the U.S. Department of Defense, the British Ministry of Defence as well as those who have served in a civilian capacity as advisors on terrorism and counter-terrorism.

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