

CONTENTS

FOREWORD XI

PREFACE XIV

ACKNOWLEDGMENTS XVI

PART I. GLOBAL ACCOUNTS

CHAPTER 1 1

ON THE IMPORTANCE OF FISHERIES CATCHES,
WITH A RATIONALE FOR THEIR RECONSTRUCTION

D. Pauly

CHAPTER 2 12

MARINE FISHERIES CATCH RECONSTRUCTION:

DEFINITIONS, SOURCES, METHODS, AND CHALLENGES

*D. Zeller and D. Pauly; with 'boxes' by other Sea Around Us
team members*

CHAPTER 3 34

GLOBAL CATCHES OF LARGE PELAGIC FISHES,

WITH EMPHASIS ON THE HIGH SEAS

*F. Le Manach, P. Chavance, A. Cisneros-Montemayor,
A. Lindop, A. Padilla, L. Schiller, D. Zeller, and D. Pauly*

CHAPTER 4 46

THE DISTRIBUTION OF EXPLOITED MARINE BIODIVERSITY

*M. L. D. Palomares, W. W. L. Cheung, V. W. Y. Lam,
and D. Pauly*

CHAPTER 5 59

THE SEA AROUND US CATCH DATABASE AND ITS SPATIAL

EXPRESSION

*V. W. Y. Lam, A. Tavakolie, M. L. D. Palomares, D. Pauly,
and D. Zeller*

CHAPTER 6 68

THE ECONOMICS OF GLOBAL MARINE FISHERIES

*U. R. Sumaila, A. Cisneros-Montemayor, A. J. Dyck,
A. S. Khan, V. W. Y. Lam, W. Swartz, and L. C. L. Teh*

CHAPTER 7	76
GLOBAL EVALUATION OF HIGH SEAS FISHERY MANAGEMENT	
<i>S. Cullis-Suzuki and D. Pauly</i>	
CHAPTER 8	86
GLOBAL-SCALE RESPONSES AND VULNERABILITY OF	
MARINE SPECIES AND FISHERIES TO CLIMATE CHANGE	
<i>W. W. L. Cheung and D. Pauly</i>	
CHAPTER 9	98
MODELING THE GLOBAL OCEANS WITH THE ECOPATH	
SOFTWARE SUITE: A BRIEF REVIEW AND APPLICATION EXAMPLE	
<i>M. Colléter, A. Valls, V. Christensen, M. Coll, D. Gascuel, J. Guittot, C. Piroddi, J. Steenbeek, J. Buszowski, and D. Pauly</i>	
CHAPTER 10	110
JELLYFISH FISHERIES: A GLOBAL ASSESSMENT	
<i>L. Brotz</i>	
CHAPTER 11	125
GLOBAL SEABIRD POPULATION AND THEIR FOOD	
CONSUMPTION	
<i>M. Paleczny, V. Karpouzi, E. Hammill, and D. Pauly</i>	
CHAPTER 12	137
A GLOBAL ANALYSIS OF MARICULTURE PRODUCTION	
AND ITS SUSTAINABILITY, 1950–2030	
<i>B. Campbell, J. Alder, P. Trujillo, and D. Pauly</i>	
CHAPTER 13	152
POLLUTANTS IN THE SEAS AROUND US	
<i>S. Booth, W. W. L. Cheung, A. P. Coombs-Wallace, V. W. Y. Lam, D. Zeller, V. Christensen, and D. Pauly</i>	
CHAPTER 14	171
TOWARD A COMPREHENSIVE ESTIMATE OF GLOBAL	
MARINE FISHERIES CATCHES	
<i>D. Pauly and D. Zeller</i>	

PART II. COUNTRIES & TERRITORIES ACCOUNTS

FISHERIES BY COUNTRY AND TERRITORY, 1950–2010	183
ACRONYMS AND GLOSSARY	459
GEOGRAPHIC INDEX	479
SUBJECT INDEX	489