Climate Change 2014 Impacts, Adaptation, and Vulnerability Part B: Regional Aspects

Working Group II Contribution to the
Fifth Assessment Report of the
Intergovernmental Panel on Climate Change

Edited by

Vicente R. Barros

Working Group II Co-Chair Centro de Investigaciones del Mar y la Atmósfera Universidad de Buenos Aires Christopher B. Field

Working Group II Co-Chair Department of Global Ecology Carnegie Institution for Science

David Jon Dokken
Executive Director

Michael D. Mastrandrea
Co-Director of Science

Katharine J. Mach Co-Director of Science

T. Eren Bilir Monalisa Chatterjee

Kristie L. Ebi

Yuka Otsuki Estrada Robert C. Genova

Betelhem Girma

Eric S. Kissel

Andrew N. Levy

Sandy MacCracken

Patricia R. Mastrandrea

Leslie L. White



CAMBRIDGEUNIVERSITY PRESS

32 Avenue of the Americas, New York, NY 10013-2473, USA

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org
Information on this title: www.cambridge.org/9781107683860

© Intergovernmental Panel on Climate Change 2014

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2014

Printed in the United States of America

A catalog record for this publication is available from the British Library.

ISBN 978-1-107-05816-3 Hardback ISBN 978-1-107-68386-0 Paperback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party Internet Web sites referred to in this publication and does not guarantee that any content on such Web sites is, or will remain, accurate or appropriate.

This book was printed on acid-free stock that is from SFI (Sustainable Forestry Initiative) certified mills and distributors. It is FSC chain-of-custody certified.

Use the following reference to cite Part B:

IPCC, 2014: Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part B: Regional Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Barros, V.R.,
C.B. Field, D.J. Dokken, M.D. Mastrandrea, K.J. Mach, T.E. Bilir, M. Chatterjee,
K.L. Ebi, Y.O. Estrada, R.C. Genova, B. Girma, E.S. Kissel, A.N. Levy, S. MacCracken,
P.R. Mastrandrea, and L.L. White (eds.)]. Cambridge University Press, Cambridge,
United Kingdom and New York, NY, USA, pp. 688.

Cover Photo:

Maeslant storm surge barrier in Rotterdam, Netherlands. © Asahi Shimbun / Getty Images

Contents

Chapters	Chapter 21	Regional Context 1133
	Chapter 22	Africa
	Chapter 23	Europe
	Chapter 24	Asia
	Chapter 25	Australasia 1371
	Chapter 26	North America 1439
	Chapter 27	Central and South America 1499
	Chapter 28	Polar Regions 1567
	Chapter 29	Small Islands 1613
	Chapter 30	The Ocean 1655
Annexes	Annex I	Authors and Expert Reviewers 1735
	Annex II	Glossary 1757
	Annex III	Acronyms
	Annex IV	List of Major IPCC Reports