



**ENVIRONMENT
AND
ECOLOGY
AT THE BEGINNING OF
THE 21ST CENTURY**

St. Kliment / Ohridski University Press

Editors

**Recep Efe
Carmen Bizzarri
İsa Cürebal
Gulnara N. Nyusupova**

Environment and Ecology at the Beginning of 21st Century

Editors

Prof. Dr. Recep EFE
Prof. Dr. Carmen BIZZARRI
Prof. Dr. İsa CÜREBAL
Prof. Dr. Gulnara N. NYUSUPOVA

ISBN 978-954-07-3999-1



ST. KLIMENT OHRIDSKI UNIVERSITY PRESS
SOFIA • 2015

Editors

Prof. Dr. Recep Efe

Balikesir University, Faculty of Arts and Sciences

Department of Geography
10145-Çağış, Balikesir-Turkey

Prof. Dr. Carmen Bizzarri

European University of Rome
Via degli Aldobrandeschi 190
00163 Roma, Italy

Prof. Dr. İsa Cürebal

Balikesir University, Faculty of Arts and Sciences

Department of Geography
10145-Balıkesir-Turkey

Prof. Dr. Gulnara Nyussupova

Al-Farabi Kazakh National University, Faculty of Geography and Natural Management,
Department of Geography
050040-Almaty-Kazakhstan

St. Kliment Ohridski University Press

ISBN 978-954-07-3999-1

The contents of chapters/papers are the sole responsibility of the authors, and publication shall not imply the concurrence of the Editors or Publisher.

© 2105 Recep Efe, Carmen Bizzarri, İsa Cürebal, Gulnara N. Nyussupova

All rights reserved. No part of this book may be reproduced, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of the editors and authors