

REVIEWS ON ENVIRONMENTAL HEALTH

EDITOR-IN-CHIEF

David Carpenter, New York

Peter Sly, Queensland

EDITORIAL BOARD

John Edwards, Adelaide

Doug Brugge, Boston, MA

Fernando Diaz-Barriga, San Luis Potosi

H.I. Maibach, San Francisco, CA

Kyoung-Woong Kim, Gwangju

Michal Horowitz, Jerusalem

Paul-Bernard Tchounwou, Jackson, MS

Renato Stein, Porto Alegre

Shu Tao, Beijing

Simon Hales, Wellington

Susan Shaw, Blue Hill, ME

William Field, Iowa City, IA

DE GRUYTER

ABSTRACTED/INDEXED IN Index Medicus, EMBASE/Excerpta Medica., MEDLINE

The publisher, together with the authors and editors, has taken great pains to ensure that all information presented in this work (programs, applications, amounts, dosages, etc.) reflects the standard of knowledge at the time of publication. Despite careful manuscript preparation and proof correction, errors can nevertheless occur. Authors, editors and publisher disclaim all responsibility for any errors or omissions or liability for the results obtained from use of the information, or parts thereof, contained in this work.

The citation of registered names, trade names, trademarks, etc. in this work does not imply, even in the absence of a specific statement, that such names are exempt from laws and regulations protecting trademarks etc. and therefore free for general use.

ISSN 0048-7554 · e-ISSN 2191-0308

All information regarding notes for contributors, subscriptions, Open access, back volumes and orders is available online at www.degruyter.com/reveh

RESPONSIBLE EDITOR(S)

Dr. David Carpenter, Director, Institute for Health and the Environment, University at Albany, Rensselaer, NY, USA, Email: dcarpenter@albany.edu

Dr. Peter Sly, University of Queensland QCMRI, Royal Children's Hospital, Herston, Queensland, Australia, Email: p.sly@uq.edu.au

JOURNAL MANAGER Steffi Rudloff, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany,
Tel.: +49 (0)30 260 05 – 245, Fax: +49 (0)30 260 05 – 246, Email: reveh.editorial@degruyter.com

RESPONSIBLE FOR ADVERTISEMENTS Claudia Neumann, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany. Tel.: +49 (0)30 260 05-226,
Fax: +49 (0)30 260 05-264, Email: anzeigen@degruyter.com

© 2016 Walter de Gruyter GmbH, Berlin/Boston

TYPESETTING Compuscript Ltd., Shannon, Ireland

PRINTING Franz X. Stickle Druck und Verlag e.K., Ettenheim
Printed in Germany

Cover Illustration: iStockphoto/Thinkstock



Contents

Editorial

David O. Carpenter

What constitutes environmental health? — 193

Original Articles

Charles J. Everett and Olivia M. Thompson

Association of dioxins, furans and dioxin-like PCBs in human blood with nephropathy among US teens and young adults — 195

Katya Vangelova and Irina Dimitrova

Asbestos exposure and mesothelioma incidence and mortality in Bulgaria — 203

Puleng Matatiele and Mary Gulumian

A cautionary approach in transitioning to ‘green’ energy technologies and practices is required — 211

Review Articles

Ellen Webb, Jake Hays, Larysa Dyrszka, Brian Rodriguez, Caroline Cox, Katie Huffling and Sheila Bushkin-Bedient

Potential hazards of air pollutant emissions from unconventional oil and natural gas operations on the respiratory health of children and infants — 225

Ahmed Majeed Al-Shammari

Environmental pollutions associated to conflicts in Iraq and related health problems — 245

Nicholas A. Kusnezov, Hamed Yazdanshenas, Eddie Garcia and Arya N. Shamie

Epidemiology of musculoskeletal injury in the California film and motion picture industry — 251

Nour Abdo, Yousef S. Khader, Mostafa Abdelrahman, Ashley Graboski-Bauer, Mazen Malkawi, Munjed Al-Sharif and Ahmad M. Elbetieha

Respiratory health outcomes and air pollution in the Eastern Mediterranean Region: a systematic review — 259

Phillip J. Albrecht and Frank L. Rice

Fibromyalgia syndrome pathology and environmental influences on afflictions with medically unexplained symptoms — 281