

ENCYCLOPEDIA OF THE ANTARCTIC

VOLUME 1
A–K
INDEX

Beau Riffenburgh
EDITOR

 **Routledge**
Taylor & Francis Group
New York London

Routledge is an imprint of the
Taylor & Francis Group, an informa business

CONTRIBUTORS

David J. Agnew

Imperial College, Royal School of Mines, United Kingdom

David Ainley

H. T. Harvey and Associates Ecological Consultant, San Jose, California

Ian Allison

Australian Antarctic Division, Antarctic Climate and Ecosystems Cooperative Research Centre

H. J. P. Arnold

British Journal of Photography

Kevin Arrigo

Stanford University, California

Michael Ashley

University of New South Wales, Australia

Vernon L. Asper

University of Southern Mississippi

Angus Atkinson

British Antarctic Survey

Philip Ayres

Monash University, Australia

June Debenham Back

Norfolk, United Kingdom

Peter G. Baines

University of Melbourne, Australia

Simon P. Balm

Santa Monica College

Carlo Barbante

Department of Environmental Sciences, University of Venice, Italy

Christophe Barbraud

Centre d'Études Biologiques de Chizé, France

Roberto Bargagli

Università degli Studi di Siena, Italy

David K. A. Barnes

British Antarctic Survey

Susan Barr

Directorate for Cultural Heritage, Norway

William Barr

University of Calgary, Canada

J. E. Barrett

Environmental Studies Program, Dartmouth College

Bjørn L. Basberg

Norwegian School of Economics and Business Administration

T. H. Baughman

University of Central Oklahoma

Peter J. Beck

Kingston University, United Kingdom

Igor Belkin

Graduate School of Oceanography, University of Rhode Island

Brian D. Bell

Wildlife Management International Ltd., New Zealand

Dana Bergstrom

Australian Antarctic Division

Marthán Bester

Mammal Research Institute, University of Pretoria, South Africa

Robert Bindschadler

Hydrospheric and Biospheric Sciences Laboratory, NASA Goddard Space Flight

Richard Bintanja

Utrecht University, The Netherlands

CONTRIBUTORS

Katrin Linse

British Antarctic Survey

Roy Livermore

British Antarctic Survey

Olav H. Loken

Canadian Committee for Antarctic Research

Jerónimo López-Martínez

Universidad Autónoma de Madrid, Spain

Gustavo Lovrich

*Centro Austral de Investigaciones Científicas,
Argentina*

Cornelia Lüdecke

Ludwig-Maximilians-Universität München, Germany

Desmond J. Lugg

NASA

Valerie Lukin

*Russian Antarctic Expedition, The Arctic and
Antarctic Research Institute, Russia*

Amanda Lynnes

British Antarctic Survey

David I. M. Macdonald

University of Aberdeen, United Kingdom

Ted Maksym

United States Naval Academy

Sergio A. Marensi

Instituto Antártico, Argentina

Rosalind Marsden

King's Lynn, United Kingdom

David J. Marshall

Universiti Brunei Darussalam

Gareth Marshall

British Antarctic Survey

William A. Marshall

University of Nottingham, United Kingdom

Robert A. Massom

*Department of the Environment and Heritage,
Australian Antarctic Division and Antarctic Climate
and Ecosystems Cooperative Research Centre,
University of Tasmania, Australia*

Gabriela Mataloni

Universidad de Buenos Aires, Argentina

Donald J. McEwen

University of Saskatchewan, Canada

Melodie A. McGeoch

University of Stellenbosch, South Africa

Sandra J. McInnes

British Antarctic Survey

Frederick Menk

University of Newcastle, Australia

Mike Meredith

British Antarctic Survey

Gennady Milinevsky

Ukrainian Antarctic Center

Denzil G. M. Miller

*Commission for the Conservation of Antarctic Marine
Living Resources, Tasmania, Australia*

Gary D. Miller

University of New Mexico

Leif Mills

Surrey, United Kingdom

Harm Moraal

North West University, South Africa

Juan Moreno

Museo Nacional de Ciencias Naturales-CSIC, Spain

Erika Mutschke

Universidad de Magallanes, Chile

Alberto C. Naveira Garabato

*School of Ocean and Earth Science, National
Oceanography Centre, United Kingdom*

Gabrielle Nevitt

University of California, Davis

Birgit Njåstad

Norwegian Polar Institute

Kevin J. Noone

*International Geosphere-Biosphere Program, Royal
Swedish Academy of Sciences*

F. I. Norman

Arthur Rylah Institute, Australia