

ISSN 0814-0626

Volume 34 | Issue 1 | March 2018

Australian Journal of Environmental Education

Editor: Amy Cutter-Mackenzie



CAMBRIDGE
UNIVERSITY PRESS

Australian Journal of Environmental Education

The *Australian Journal of Environmental Education* is an international refereed journal that publishes papers and reports on all aspects of environmental education. It is the journal of the Australian Association for Environmental Education. It is produced in order to present information and argument that will stimulate debate about educational strategies that enhance the kinds of awareness, understanding and actions that promote environmental and social justice. The journal is addressed to educators working in any educational setting where these matters are centrally or peripherally considered.

EDITOR

Professor Amy Cutter-Mackenzie
Southern Cross University, Australia

ASSOCIATE EDITOR

Dr Chris Eames
University of Waikato, New Zealand
Professor Karen Malone
Western Sydney University

THESIS ABSTRACTS EDITOR

Dr Sue Elliott
University of New England, Australia

BOOK REVIEW EDITOR

Dr Peta White
Deakin University

INTERNATIONAL BOARD OF ADVISORY EDITORS

A/Professor Marcia McKenzie
University of Saskatchewan, Canada
Associate Professor Keith Skamp
Southern Cross University

Professor Julian Agyeman
Tufts University, USA

Mrs Elisabeth Barratt Hacking
University of Bath, United Kingdom
Professor Robert Barratt
University of Gloucestershire, United Kingdom

Dr Kiran Chhokar
Centre for Environment Education, India

Professor Justin Dillon
King's College London, United Kingdom

A/Professor Jo-Anne Ferreira,
Southern Cross University, Australia
(Immediate Past Editor of AJEE)

Professor Annette Gough,
RMIT University, Australia

Professor Paul Hart
University of Regina, Canada

Professor Joe Heimlich
Ohio State University, USA

Professor Heila Lotz-Sisitka
Rhodes University, South Africa

A/Professor Constance Russell,
Lakehead University, Canada

Professor William Scott
University of Bath, United Kingdom

Professor David Selby
Mount St Vincent University, Canada

Professor David Sobel
Antioch College, Keene, USA

Professor Bob Stevenson
James Cook University, Australia

A/Professor Hilary Whitehouse
James Cook University, Australia

A/Professor Sandra Woollorton
University of Notre Dame, Australia

SUBSCRIPTION RATES 2018

This journal is published triannually.

The institutional rates (excluding VAT) are:

	Print and online	Electronic Only
Australia	353 AUD	331 AUD
N America	269 USD	255 USD
UK and ROW	170 GBP	159 GBP

EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should provide their VAT registration number. Prices include delivery by air when appropriate. Japanese prices for institutions are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan.

Orders and subscription enquiries should be addressed to:

Cambridge University Press, Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, UK

Email: journals@cambridge.org

Orders from N America should be addressed to:

Cambridge University Press, 1 Liberty Plaza, New York, NY 10006, USA

Email: subscriptions_newyork@cambridge.org

The *Australian Journal of Environmental Education* and all other Cambridge Journals can be found at journals.cambridge.org/

Published by Cambridge University Press. All rights reserved. No part of this publication may be reproduced in any form or by any means, electronic, photocopying or otherwise, without permission in writing from Cambridge University Press.

Permission to copy (for users in the USA) is available from Copyright Clearance Center, www.copyright.com, email: info@copyright.com.

The Nautilus

The Association logo is the nautilus. It is used by the Association to symbolise the “wisdom of the planet” from which environmental educators draw inspiration and direction.

Australian Journal of Environmental Education

Volume 34(1) 2018

Contents

FEATURE ARTICLES

- Fieldwork, Sustainability, and Environmental Education: The
Centrality of Geographical Inquiry
Niranjan Casinader & Gillian Kidman 1
- Education Agendas and Resistance With the Teaching and Learning of
Freshwater and Extreme Freshwater Events
Alison Sammel, Dena McMartin & Katherine Arbuthnott 18
- Underwater Photo-Elicitation: A New Experiential Marine Education
Technique
Steve Andrews, Laura Stocker & Walter Oechel 33
- NEP (Children@School): An Instrument for Measuring Environmental
Attitudes in Middle Childhood
Parisa Izadpanahi & Richard Tucker 61

BOOK REVIEWS

- Aboriginal and Torres Strait Islander Education: An Introduction for the
Teaching Profession
Jeddah Teasdale 80
- Grassroots Innovation Movements
Meredian Alam 82
- Nature and Human Nature — Two Perspectives
Annette Gough 84
- Place, Being, Resonance: A Critical Ecohermeneutic Approach to
Education
David Wright 90
- Routledge Handbook of Higher Education for Sustainable Development
Jonathon Howard 92

THESIS SYNOPSIS

- Pre-Service Early Childhood Teachers' Preparedness to Teach Education
for Sustainability
Anita Croft 95