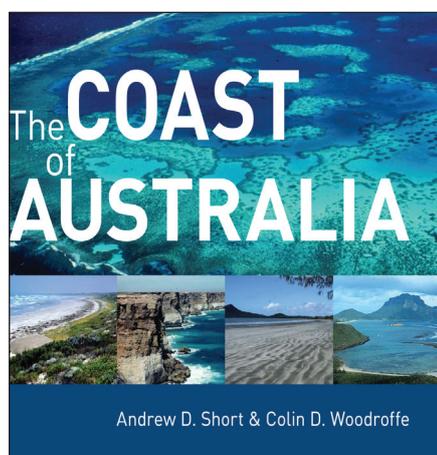


THE COAST OF AUSTRALIA

Andrew D. Short
University of Sydney

Colin D. Woodroffe
University of Wollongong



April 2009 • AUS\$150.00 • NZ\$180.95
9780521873987 • Hardback • 304pp
160 figures (tables • graphs • photos)

FEATURES

- Written by two leading coastal experts
- A comprehensive companion guide to the coasts of Australia – all coastal systems are investigated
- Full colour, and fully illustrated with diagrams and photographs

20% Special Discount

Written by two of Australia's leading coastal experts, Andrew Short and Colin Woodroffe, *The Coast of Australia* provides the first comprehensive account of the Australian coast.

Covering 36,000 km of shoreline, from iconic beaches such as Bondi and long unbroken sands of the Coorong to the endless curtain of the Nullarbor cliffs along the Great Australian Bight, this illuminating book explores these magnificent landforms, revealing how they formed and continue to change. It details the various coastal systems that operate, including beaches, dunes, estuaries, deltas, rocky coast and coral reefs.

Based on the latest scientific investigations and thinking, *The Coast of Australia* will leave you with a clear understanding of the coastline, including its geological background and evolution, and the processes and ecosystems that operate around the coast.

CONTENTS

Prologue;

1. Evolution of the Australian coast;

Geological evolution;

Climate change and sea-level fluctuations;

Coastal sediments;

Sediment transport;

2. Coastal processes;

The climate of Australia;

Australia's coastal climate;

Tides;

Tsunami;

Australian ocean currents;

3. Coastal ecosystems;

Coast dune vegetation;

Freshwater wetlands on coastal plains;

Contents continued overleaf...

THE COAST OF AUSTRALIA

CONTENTS CONT.

Salt marsh and samphire vegetation;

Mangroves;

Seagrasses;

Coral reefs;

Sandy beach ecology;

Rocky shore ecology;

4. Estuaries and deltas;

Types of estuaries and deltas;

Distribution of estuaries and deltas;

Estuarine habitats;

Wave-dominated estuaries;

Tide-dominated estuaries and deltas;

Regional characteristics of Australian estuaries;

5. Beaches;

Beach sediments;

Australian beach types;

Wave-dominated beaches;

Tide-modified beaches;

Tide-dominated beaches;

Beaches with rock or reef flats;

Overview of the beaches of Australia;

6. Coastal dunes and barriers;

Coastal dunes;

Coastal barrier systems;

Australian dune-barrier systems;

7. Rocky coasts;

Rock types;

Australian rock types;

Rocky coast processes and morphology;

The secondary role of rocky shores;

Australia's most spectacular sections of rocky coast;

8. Reef coasts;

Reef structure;

Oceanographic processes and their effect on reefs;

Reef types and geological evolution;

Stresses on reefs;

Coral reefs around Australia;

9. Human interaction with the coast;

Indigenous Australians;

Early European exploration and settlement;

Recreational use of the coast;

Coastal management and planning in Australia;

The impact of climate change on the Australian coast;

Conclusion: Prospects for the Australian coast;

Further reading;

Index.

20% Discount Order Form

Please send me

The Coast of Australia (9780521873987)

HB @ AUD\$150.00 less 20% discount* = x \$120.00

Plus postage & handling \$9.90

(AUD\$9.90 per order) Total AUD\$

Name:

Address:

Postcode:

Telephone:

Email:

Payment Method:

Cheque (payable to Cambridge University Press)

Mastercard Visa AMEX

Card No:

Exp. date: /

Signature:

Return to:

Jenny Symons

Academic Sales and Marketing Controller

Cambridge University Press

Private Bag 31, Port Melbourne, Vic, 3207

Ph: (03) 8671 1402 Fax: (03) 9676 9955

jsymons@cambridge.edu.au

www.cambridge.edu.au

* Discount is 20% for the title on this flyer as indicated. Discount is given in Australian dollars as shown on Cambridge University Press Australia website. Cambridge University Press may occasionally send you additional product information. Your details will not be passed to a third party. If you do not wish to receive additional information, please tick this box: