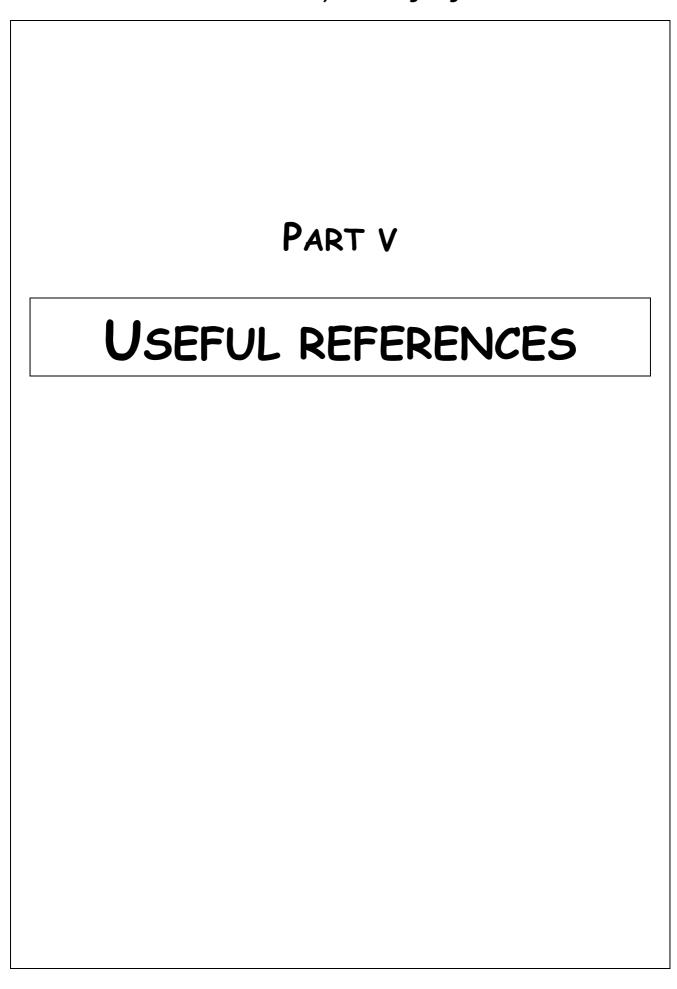
Climate change, coral bleaching and the future of the world's coral reefs

Article	in Marine and Freshwater Research · January 1999		
DOI: 10.107	1/MF99078 · Source: OAI		
CITATIONS		READS	
2,750		18,403	
1 author:			
1 autilo			
	Ove Hoegh-Guldberg		
	The University of Queensland		
	524 PUBLICATIONS 75,220 CITATIONS		
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Marine Community Monitoring Program

PART V: TABLE OF CONTENTS BIOLOGICAL REFERENCES **PAGE 1 TO 10** CORAL REEFS SEAGRASSES MANGROVE HEALTH ALGAL BLOOMS INTRODUCED MARINE PESTS MARINE FISH MARINE MAMMALS SEABIRDS SOCIAL REFERENCES PAGE 10 LITTER $\overline{\text{GENE}}_{\hbox{\scriptsize RAL}}\, \overline{\text{REFERENCES}}$ PAGE 10 TO 13

USEFUL REFERENCES

BIOLOGICAL ENVIRONMENT

CORAL REEFS

NUMBER 1

TITLE: Climate change, coral bleaching and the future of the world's coral reefs

TYPE: Report USEFULNESS:

WHERE TO FIND:

AUTHOR: Hoegh-Guldberg, O

DATE: 1999 **PUBLISHER:** Greenpeace

NUMBER 2

TITLE: Crown-of-thorns starfish and coral surveys using the manta tow and SCUBA

search techniques

TYPE: Standard Operational Procedure (Number 1/1996)

USEFULNESS: \$\&\&

WHERE TO FIND: Australian Institute of Marine Science (AIMS)

AUTHOR: Bass, D.K. & Miller, I.R.

DATE: 1996

PUBLISHER: Australian Institute of Marine Science (AIMS), Townsville, Queensland

NUMBER 3

TITLE: Crown-of-thorns starfish Survey

TYPE: Survey Form

USEFULNESS: \$\s\\$

WHERE TO FIND: Great Barrier Reef Marine Park Authority, Townsville, Queensland

AUTHOR: DATE:

PUBLISHER: Great Barrier Reef Marine Park Authority, Townsville, Queensland

NUMBER 4

TITLE: Crown-of-thorns starfish on the Great Barrier Reef

TYPE: Internet pages

USEFULNESS: 🔬 🐧

WHERE TO FIND: http://www.aims.gov.au/monmap/cotspage/cotspage.html

AUTHOR: Australian Institute of Marine Science (AIMS)

DATE: 1999

PUBLISHER: Australian Institute of Marine Science (AIMS), Townsville, Queensland

NUMBER 5

TITLE: Destruction of corals and other reef animals by coral spawn slicks on Ningaloo

Reef, Western Australia

TYPE: Journal: Scientific Paper

Usefulness: &&

WHERE TO FIND: Marine Conservation Branch, Department of Conservation and Land

Management

AUTHOR: Simpson, C.J., Cary, J. L. and Masini, R.J.

DATE: 1993

PUBLISHER: Coral Reefs (1993) 12: 185-191

NUMBER 6

TITLE: Developing reliable coral reef monitoring programs for marine tourism

operators and community volunteers

TYPE: Technical Report (Number 24)

USEFULNESS: \$\s\\$

WHERE TO FIND: CRC Reef Research Centre, Queensland

AUTHOR: Musso, B. & Inglis, G.

DATE: 1998

PUBLISHER: CRC Reef Research Centre, Queensland

NUMBER 7

FITLE: Ecology of the Muricid Gastropod *Drupella cornus* (Röding, 1798) and its

significance as corallivore on Ningaloo Reef, Western Australia

TYPE: Masters Thesis

WHERE TO FIND: The University of Western Australia

AUTHOR: Forde, M. **DATE:** 1994

PUBLISHER: Department of Zoology, University of Western Australia

NUMBER 8

TITLE: Indo-Pacific Coral Reef Field Guide

Type: Field Guide Usefulness:

WHERE TO FIND: Western Australian Museum Book Store

AUTHOR: Allen. G.R., and Steene, R.

DATE: 1996

PUBLISHER: Tropical Reef Research, Western Australia.

NUMBER 9

TITLE: ReefBase: A global database on coral reefs and their resources, Version 3.0

TYPE: User Guide

Usefulness:

WHERE TO FIND: ReefBase@cgnet.com ICLARM, Philippines.

AUTHOR: McManus, J.W. & Vergara, S.G (eds)

DATE: 1998

PUBLISHER: International Centre for Living Aquatic Resources Management (ICLARM)

NUMBER 10

TITLE: Status of *Drupella cornus* outbreak at Ningaloo Reef

TYPE: Final report for Australian Nature Conservation Agency

Usefulness: \$ \$ \$ \$

WHERE TO FIND:

AUTHOR: Osborne, S. and Williams, R.

DATE: 1995

PUBLISHER: Australian Nature Conservation Agency

SEAGRASSES

NUMBER 11

TITLE: Albany Harbours Environmental Study, 1988-1989. Bulletin 412

TYPE: Bulletin USEFULNESS:

WHERE TO FIND: Contact publisher (may be out of print)
AUTHOR: Environmental Protection Authority

DATE: 1990

PUBLISHER: Environmental Protection Agency, Western Australia.

NUMBER 12

TITLE: Seagrasses of Australia

TYPE: Australia: State of the Environment Technical Paper Series (Estuaries and the

Sea),

USEFULNESS: SSSS

WHERE TO FIND:

AUTHOR: Kirkman, H. **DATE:** 1997

PUBLISHER: Department of the Environment, Canberra

MANGROVE HEALTH

NUMBER 13

TITLE: Mangrove ecosystems in Australia – structure, function and management

TYPE:

Usefulness: \$ \$ \$ \$

WHERE TO FIND:

AUTHOR: Clough BF. (ed)

DATE: 1982

PUBLISHER: AIMS/ANU Press, Canberra

NUMBER 14

TITLE: Mangroves in Focus.

TYPE: Students Manual

Usefulness: 55

WHERE TO FIND: Contact publisher

AUTHOR: Claridge, D., and Burnett, J.

DATE: 1993

PUBLISHER: Wet Paper Marine Education, Queensland

ALGAL BLOOMS

NUMBER 15

TITLE: A red tide of *Trichodesmium* in coastal waters of Western Australia

TYPE: Journal USEFULNESS:

WHERE TO FIND:

AUTHOR: Smith, G.G **DATE:** 1972

PUBLISHER: The Western Australian Naturalist, Vol 12, No. 4 August 17, 1972

NUMBER 16

TITLE: Review of literature concerning blue-green algae of the genus *Trichodesmium*

TYPE: Bulletin 197

USEFULNESS: \$\sigma\$

WHERE TO FIND: Out of print AUTHOR: Creagh, S.

DATE: 1985

PUBLISHER: Department of Conservation and the Environment, Perth, Western Australia

INTRODUCED MARINE PESTS

NUMBER 17

TITLE: A guide to the introduced marine species in Australian waters

TYPE: Technical Report (No. 5) (Binder of information sheets)

USEFULNESS: \$\sigma\sigma\sigma\sigma

WHERE TO FIND: Centre for Research on Introduced Marine Pests (CRIMP), CSIRO Marine

Laboratories, Hobart, Tasmania.

AUTHOR: Furlani, D.M.

DATE: 1996

PUBLISHER: Centre for Research on Introduced Marine Pests (CRIMP), CSIRO Marine

Laboratories, Hobart, Tasmania.

MARINE FISH (TROPICAL AND TEMPERATE)

NUMBER 18

TITLE: A manual for monitoring coral reefs with indicator species: Butterflyfishes as

indicators of change on Indo-Pacific reefs

TYPE: Report

USEFULNESS:

WHERE TO FIND:

AUTHOR: Crosby, M.P. & Reese, E.S.

DATE: 1996

PUBLISHER: Office of Ocean and Coastal Resource Management, National Oceanic and

atmospheric Administration, Silver Spring, MD.

NUMBER 19

TITLE: A stationary visual census technique for quantitatively assessing community

structure of coral reef fishes (Technical Report NMFS No 41)

TYPE: Technical Report

Usefulness: 🔊

WHERE TO FIND: Contact publisher

AUTHOR: Bohnsack J, Bannerot S.

DATE: 1986 **P**UBLISHER: NOAA

NUMBER 20

TITLE: Cod Hole Survey

TYPE: Reporting Form

USEFULNESS:

WHERE TO FIND:

AUTHOR: Lizard Island and research Station and Lizard Island Charters

DATE:

PUBLISHER: Lizard Island and research Station and Lizard Island Charters

NUMBER 21

TITLE: Coral Reef Symposium – Jan 26-27. Two Visually Based Methods for

Monitoring Coral Reef Fishes

TYPE: Scientific Paper

USEFULNESS:

WHERE TO FIND: http://www.epa.gov/OWOW/oceans/coral/bohnsack.html

AUTHOR: Bohnsack, J.A

DATE: 1995

PUBLISHER: Miami Laboratory, Southeast Fisheries Science Center

National Marine Fisheries Service

Miami, Florida, USA

NUMBER 22

TITLE: Dragon Search

TYPE: Brochure

Usefulness:

WHERE TO FIND: Australian Marine Conservation Society, Perth, Western Australia

AUTHOR: Australian Marine Conservation Society, Perth, Western Australia

DATE:

PUBLISHER: Australian Marine Conservation Society, Perth, Western Australia

NUMBER 23

TITLE: Estimating total abundance of large temperate-reef fish using visual strip-

transects

TYPE: Journal

USEFULNESS: 🍒

WHERE TO FIND: University Library

AUTHOR: McCormick, M.I & Choat, J.H

DATE: 1987

PUBLISHER: Marine Biology, 96, 469-478

NUMBER 24

TITLE: Fisheries Western Australia, Annual Report 1997/1998

TYPE: Annual report

Usefulness:

WHERE TO FIND: Fisheries Western Australia

AUTHOR: Fisheries Western Australia

DATE: 1998

PUBLISHER: Fisheries Western Australia

NUMBER 25

TITLE: Fisheries Western Australia, State of the Fisheries Report 1997/1998

TYPE: Annual report

Usefulness: &

WHERE TO FIND: Fisheries Western Australia
AUTHOR: Fisheries Western Australia

DATE: 1998

PUBLISHER: Fisheries Western Australia

NUMBER 26

TITLE: Grant's Fishes of Australia

TYPE: Guide
USEFULNESS: Sook stores
AUTHOR: Grant, E.

DATE: 1987

PUBLISHER: EM Grant Pty Limited, Publishers, Queensland

NUMBER 27

TITLE: Manual for assessing fish stocks on Pacific coral reefs

TYPE: Manual USEFULNESS:

WHERE TO FIND: Department of Primary Industries, Brisbane, Queensland

AUTHOR: Samoilys, M. (ed)

DATE: 1997

PUBLISHER: Department of Primary Industries, Brisbane, Queensland.

NUMBER 28

TITLE: Sea Fishes of Southern Australia: Complete field guide of anglers and divers

Type: Field Guide Usefulness: \$\\$\\$

WHERE TO FIND: Western Australian Museum Book store or local book store

AUTHOR: Hutchins, B. Swainston, R.

DATE: 1996

PUBLISHER: Swainston Publishing, Western Australia

Number 29

TITLE: Surveying Coral Reef Fishes: A manual for data collection, processing and

interpretation of fish survey information for the tropical Northwest Atlantic

TYPE: Manual

Usefulness: &

WHERE TO FIND: REEF

AUTHOR: Schmitt, E.F., Feeley, D.W., and Sealey, K.M (eds)

DATE: 1998

PUBLISHER: Reef Environmental Education Foundation (REEF) and The Nature

Conservancy, Florida

NUMBER 30

TITLE: The Marine and Estuarine Fishes of South-western Australia. A Field Guide

for Anglers and Divers

Type: Field Guide Usefulness: \$\\$\\$\\$

WHERE TO FIND: Western Australian Museum Bookshop

AUTHOR: Hutchins. B, and Thompson, M.

DATE: 1983

PUBLISHER: Western Australian Museum

NUMBER 31

TITLE: The Marine Fishes of North-Western Australia: A guide for anglers and divers

Type: Field Guide Usefulness:

WHERE TO FIND: Western Australian Museum book store or local book stores

AUTHOR: Allen, G.R. and Swainston, R.

DATE: 1988

PUBLISHER: Western Australian Museum, Western Australia

NUMBER 32

TITLE: Two visually based methods for monitoring coral reef fishes

Type: Web document (Coral Reef Symposium – January 26-27, 1995)

USEFULNESS:

WHERE TO FIND: http://www.epa.gov/OWOW/oceans/coral/bohnsack.html

AUTHOR: Bohnsack, J.A

DATE: 1995

PUBLISHER: Coral Reef Symposium – January 26-27, 1995

NUMBER 33

TITLE: Visual census surveys of reef fish. Long-term monitoring of the Great Barrier

Reef.

TYPE: Standard operational procedure Number 3

Usefulness:

WHERE TO FIND: AIMS

AUTHOR: Halford, AR, and Thompson, AA.

DATE: 1994

PUBLISHER: Australian Institute of Marine Science (AIMS)

MARINE MAMMALS

NUMBER 34

TITLE: Bush Books: Whales & Dolphins of Western Australia

TYPE: Field Guide

Usefulness: \$ \$ \$

WHERE TO FIND: WA Naturally (CALM Store)

AUTHOR: Thomson, C.

DATE:

PUBLISHER: Department of Conservation and Land Management (CALM), Western

Australia

NUMBER 35

TITLE: Eyewitness Handbooks: Whales Dolphins and Porpoises

TYPE: Field Guide

USEFULNESS: &&

WHERE TO FIND: Contact publisher, or local book stores

AUTHOR: Carwardine, M.

DATE: 1996

PUBLISHER: Dorling Kindersley, London, England

NUMBER 36

The Sierra Club Handbook of Seals and Sirenians TITLE:

TYPE: Field Guide **USEFULNESS:** ආ ආ ආ

WHERE TO FIND: Contact publisher or local book store Reeve, R. and Leatherwoord, S. **AUTHOR:**

DATE:

PUBLISHER: Sierra Club Books, San Francisco, USA

NUMBER 37

The Sierra Club Handbook of Whales and Dolphins TITLE:

TYPE: Field Guide USEFULNESS: \$ \$ \$

WHERE TO FIND: Contact publisher or local book store Leatherwood, S. and Reeves, R. **AUTHOR:**

1983 DATE:

Sierra Club Books, San Francisco, USA PUBLISHER:

NUMBER 38

Watching Whales TITLE:

TYPE: Brochure **USEFULNESS:** \$ \$ \$

Department of Conservation and Land Management (CALM) WHERE TO FIND:

Department of Conservation and Land Management (CALM). **AUTHOR:**

DATE:

PUBLISHER: Department of Conservation and Land Management (CALM), Western

Australia.

NUMBER 39

Whales and Dolphins (Identification Guide) TITLE:

Identification Sheet TYPE:

USEFULNESS: \$ \$ \$ \$

WHERE TO FIND: Environment Australia, Department of the Environment and Heritage

AUTHOR: Environment Australia, Department of the Environment and Heritage

DATE: 1999

PUBLISHER: Environment Australia, Department of the Environment and Heritage

NUMBER 40

Whale watching log TITLE:

TYPE: Log book

USEFULNESS: 8

WHERE TO FIND: Department of Conservation and Land Management (CALM).

AUTHOR: Department of Conservation and Land Management (CALM).

DATE:

Department of Conservation and Land Management(CALM) Western PUBLISHER:

Australia.

NUMBER 41

TITLE: Whale Watching Guide

TYPE: Brochure USEFULNESS:

WHERE TO FIND: Australian Nature Conservation Agency, Canberra Autrhor: Australian Nature Conservation Agency, Canberra

DATE: 1996

PUBLISHER: Australian Nature Conservation Agency, Canberra

SEA BIRDS

NUMBER 42

TITLE: A Field Guide to the Birds of Australia

TYPE: Field Guide
USEFULNESS: Sok Stores
WHERE TO FIND: Book stores

AUTHOR: Pizzey, G. **DATE:** 1986

PUBLISHER: Collins, Sydney

NUMBER 43

TITLE: Birds of Cape Range National Park and Ningaloo Marine Park: A check list for

bird watchers

TYPE: Booklet USEFULNESS:

WHERE TO FIND: Department of Conservation and Land Management, Exmouth, Western

Australia

AUTHOR: Department of Conservation and Land Management, Exmouth, Western

Australia

DATE: 1997

PUBLISHER: Department of Conservation and Land Management, Exmouth, Western

Australia

NUMBER 44

TITLE: Handbook of Western Australian Birds (Volume 1) Non-Passerines (Emu to

Dollarbird)

Type: Book Usefulness:

WHERE TO FIND: Western Australian Museum AUTHOR: Johnstone, R.E. & Storr, G.M

DATE: 1998

PUBLISHER: Western Australian Museum

SOCIAL ENVIRONMENT

LITTER

NUMBER 45

TITLE: Southern Metropolitan Coastal Waters Study (1991-1994). Final Report.

Report 17

TYPE: Report USEFULNESS:

WHERE TO FIND: Out of print

AUTHOR: Department of Environmental Protection

DATE: 1991

PUBLISHER: Department of Environmental Protection, Western Australia

NUMBER 46

TITLE: The State of the Marine Environment Report for Australia. Technical Annex: 2

Pollution

TYPE: Report USEFULNESS:

WHERE TO FIND: Contact publisher

AUTHOR: Zann, L.P. and Sutton, D. (eds)

DATE: 1995

PUBLISHER: Great Barrier Reef Marine Park Authority, Queensland

GENERAL

NUMBER 47

TITLE: The Marine Life of Ningaloo Marine Park and Coral Bay

Type: Guide book Usefulness: \$\\$\\$

WHERE TO FIND: WA Naturally (CALM Store), or book stores

AUTHOR: Storrie, A. Morrison, S

DATE: 1998

PUBLISHER: Department of Conservation and Land Management (CALM), Western

Australia

NUMBER 48

TITLE: A critical assessment of data derived from Coral Cay Conservation volunteers

TYPE: Journal USEFULNESS:

WHERE TO FIND: University Library

AUTHOR: Mumby, P.J., Harborne, A.R., Raines, P.S., & Ridley, J.M

DATE: 1995

PUBLISHER: Bulletin of Marine Science, vol 56, No. 3

NUMBER 49

TITLE: Australian Marine Life the plants and animals of temperate waters

TYPE:

USEFULNESS: SSSS

WHERE TO FIND:

AUTHOR: Edgar, G.J. **DATE:** 1997

PUBLISHER: Reed Books, Victoria.

NUMBER 50

TITLE: Developing Reliable Coral Reef Monitoring Programs for Marine Tourism

Operators and Community Volunteers (Tech Report No. 24)

TYPE: Technical Report

Usefulness: 55

WHERE TO FIND: Contact publisher
AUTHOR: Musso, B. and Inglis, G.

DATE: 1998

PUBLISHER: CRC Reef Research Centre

NUMBER 51

TITLE: Field Activities for Coastal and Marine Environments

Type: Manual Usefulness:

WHERE TO FIND: Marine Education Society of Australasia

AUTHOR: Oliver, J. (ed)

DATE: 1995

PUBLISHER: Marine Education Society of Australasia (MESA)

NUMBER 52

TITLE: Intertidal algal species diversity and the effect of pollution.

TYPE: Aust. J. mar. Freshwater. Res., 23: 73-84

USEFULNESS:

WHERE TO FIND: University Library AUTHOR: Borowitzka MA.

DATE: 1972

PUBLISHER: Australian Journal of Marine and Freshwater Research

NUMBER 53

TITLE: Marine Environment: Student Manual

TYPE: Students Manual

Usefulness: 🔬 🔊

WHERE TO FIND: Contact publisher

AUTHOR: Moffatt, B. **DATE:** 1997

PUBLISHER: Wet Paper Marine Education, Queensland

NUMBER 54

TITLE: Marine Studies: A course for Senior Students

TYPE: Students Manual

Usefulness: 35

WHERE TO FIND: Contact publisher

AUTHOR: Moffatt, B. **DATE:** 1997

PUBLISHER: Wet Paper Marine Education, Queensland

NUMBER 55

TITLE: Methods in intertidal ecology. A very basic guide

TYPE:

Usefulness: 35

WHERE TO FIND:

AUTHOR: Borowitzka MA, Lethbridge RC.

DATE: 1998

PUBLISHER: School of Biological & Environmental Sciences, Murdoch University, Perth,

Western Australia

NUMBER 56

TITLE: Our Sea, Our Future: Major findings of the State of the Marine Environment

Report for Australia

TYPE: Report USEFULNESS: \$\sigma\$

WHERE TO FIND: Contact publisher
AUTHOR: Zann, L.P. (complied)

DATE: 1995

PUBLISHER: Great Barrier Reef Marine Park Authority, Queensland

NUMBER 57

TITLE: Project Reef-Ed: Great Barrier Reef Educational Activities

TYPE: Activities Manual

Usefulness: \$ \$ \$ \$

WHERE TO FIND: Contact publisher

AUTHOR: Great Barrier Reef Marine Park Authority

DATE: 1988

PUBLISHER: Great Barrier Reef Marine Park Authority

NUMBER 58

TITLE: State of the Environment Report

TYPE: Report USEFULNESS:

WHERE TO FIND: Contact publisher

AUTHOR: Environmental Protection Authority, Department of Conservation and Land

Management (CALM), and Department of Land Administration

DATE: 1992

PUBLISHER: Government of Western Australia

NUMBER 59

TITLE: State of the Environment Report

TYPE: Report USEFULNESS:

WHERE TO FIND: Contact publisher

AUTHOR: State of the Environment Reference Group

DATE: 1998

PUBLISHER: Government of Western Australia

NUMBER 60

TITLE: Studying Temperate Marine Environments

TYPE: Hand Book USEFULNESS:

WHERE TO FIND:

AUTHOR: Kingsford, M, and Battershill, C. (eds)

DATE: 1998?

PUBLISHER: Canterbury University Press

NUMBER 61

TITLE: Survey Manual for tropical marine resources 2nd edition

TYPE: Manual USEFULNESS:

WHERE TO FIND: Australian Institute of Marine Science (AIMS), Townsville, Queensland

AUTHOR: Williams, S. Wilkinson, C. & Baker, V. (eds)

DATE: 1997

PUBLISHER: Australian Institute of Marine Science (AIMS), Townsville, Queensland

NUMBER 62

TITLE: The State of the Marine Environment Report for Australia. Technical Annex:

1: The Marine Environment

Type: Report Usefulness:

WHERE TO FIND: Contact publisher

AUTHOR: Zann, L.P. and Kailoloa, P. (eds)

DATE: 1995

PUBLISHER: Great Barrier Reef Marine Park Authority, Queensland

NUMBER 63

TITLE: Three recent initiatives for monitoring of Australian coasts by the community

TYPE: Journal USEFULNESS:

WHERE TO FIND: University Library

AUTHOR: Jacoby, C., Manning, C., Fritz, S., & Rose, L.

DATE: 1997

PUBLISHER: Ocean and Coastal Management, Vol 36, Nos 1-3, pp. 205-226