

APPENDIX I: WORKSHOP PARTICIPANTS

NAME	AFFILIATION	GROUP*
Mr G. Andrews	James Cook University	1
Mr R. Bell	James Cook University	1
Mr A. Birtles	James Cook University	1
Mr G. Blackman	Q.NPWS	2
Dr L. Bode	James Cook University	4
Dr R. Bradbury	AIMS	-
Mr R. Braley	Seafarm/ James Cook University	2
Mr G. Buden	Bedarra Island	-
Mr D. Carr	James Cook University	2
Prof. R. Carter	James Cook University	2
Dr W. Craik	GBRMPA	4
Mr G. Crane	Bureau of Meteorology	4
Dr A. Dartnall	AIMS	3
Mr L. de Vantier	AIMS	1
Mr G. Deane	Premier's Department, Qld.	3
Ms S. Driml	GBRMPA	3
Dr T. Done	AIMS	1
Mr I. Dutton	GBRMPA	2
Ms J. Dye	James Cook University	1
Maj. M. Evans	Royal Australian Army	-
Mr D. Fisk	Consultant	1
Dr M. Furnas	AIMS	1
Dr P. Foley	James Cook University	3
Mr M. Gagen	James Cook University	1
Dr M. Gourlay	University of Queensland	4
Dr M. Heron	James Cook University	1
Mr W. Higgins	Johnstone Shire Council	4
Dr T. Hundloe	Griffith University	3
Ass. Prof. D. Hopley	James Cook University	2
Mr R. Hughes	Q.NPWS	3
Prof. R. Jackson	James Cook University	3
Mr R. Jaycock	Bureau of Meteorology	1
Dr D. Johnson	James Cook University	2
Mr G. Kelleher	Chairman, GBRMPA	-
Dr D. Kinsey	GBRMPA	1
Dr R. Lewis	Qld Department of Primary Industries	2
Mr B. Jahuad	Cameron McNamara Pty. Ltd.	-
Mr K. McClymont	GBRMPA	1
Mr B. Miller-Smith	GBRMPA	1
Mr F. Muir	Q.NPWS	1
Cr. J. O'Brien	Johnstone Shire Council	3
Prof. J. Oliver	ex James Cook University/NDO	3
Mr M. Riddle	AIMS	1
Dr M. Sandstrom	AIMS	1
Ms M. Shannon	NQCC	3
Dr T. Smith III	AIMS	1
Prof. K. Stark	James Cook University	4
Mr C. Tilley	GBRMPA	4
Mr M. Tenni	SES - Townsville	4
Dr T. Thorpe	James Cook University	-
Ms V. Tzoumis	James Cook University	1
Ass. Prof. G. Walker	James Cook University	4
Mr R. Whittle	Townsville City Council	-
Mr C. Witt	Beach Protection Authority	2
Dr E. Wolanski	AIMS	1
Dr L. Zann	GBRMPA	1

- *Group 1 - Biophysical and Ecological Aspects:
Chairman - L. Zann, Rapporteur - B. Miller-Smith
- Group 2 - Biophysical and Ecological Aspects:
Chairman - D. Hopley, Rapporteur - I. Dutton
- Group 3 - Socio-economic/Attitudinal Aspects:
Chairman - J. Oliver, Rapporteur - S. Driml
- Group 4 - Socio-economic/Engineering Aspects:
Chairman - K. Stark, Rapporteur - W. Craik

APPENDIX II: WORKSHOP PROGRAM

TIME	TOPIC	SPEAKER
0900	INTRODUCTION	Dr D. Kinsey (GBRMPA)
0905	The potential significance of cyclonic events to management of the Great Barrier Reef Marine Park.	Mr G. Kelleher (G)
0915	The meteorology of cyclone Winifred.	Mr G. Crane (Bureau of Meteorology)
0930	Wind speeds and structural behaviour in cyclone Winifred.	Ass. Prof. G. Walker (JCU)
0945	Reports of individual experience.	Mr K. McClymont (G) Mr F. Muir (Q.NPWS) Dr R. Lewis (DPI) Prof. J. Oliver Mr C. Witt (BPA)
1015	MORNING TEA	
1035	Oceanographic conditions of the North Queensland shelf after the passage of cyclone Winifred.	Dr M. Furnas (AIMS)
1045	Some comparisons between the observed and modelled oceanographic response to tropical cyclone Winifred.	Dr L. Bode (JCU) Dr E. Wolanski (AIMS)
1055	Sediment redistribution on the Great Barrier Reef shelf by cyclone Winifred (Parts 1 and 2).	Dr D. Johnson <u>et al.</u> (JCU)
1110	The bio-geochemical effect of cyclone Winifred.	Dr M. Sandstrom (AIMS)
1120	Some preliminary observations from a survey of the soft sediment biota of the inner and middle shelf of the Great Barrier Reef following cyclone Winifred.	Mr A. Birtles (JCU)
1130	An overview of the geomorphic and ecological effects.	Dr T. Done (AIMS)
1140	The effects of cyclone Winifred on corals at Green Island reef.	Mr D. Fisk (JCU)
1150	Comparitive effects of cyclone damage to mangrove forests: Kathy versus Winifred.	Dr T. Smith III (AIMS)
1200	Effects of cyclone Winifred on coastal and island fauna.	Mr G. Blackman (Q.NPWS)

- 1210 Environmental loss - the hidden aspect of post-natural
disaster psychological distress.
Mr P. Foley (JCU)
Dr R. Thorpe (JCU)
- 1230 LUNCH
- 1330 The perspectives and commitments of the Australian
Institute of Marine Science to cyclone research.
Dr R. Bradbury (AIMS)
- 1340 SMALL GROUP DISCUSSIONS - refer to Appendices I and III.
- 1525 AFTERNOON TEA
- 1555 GROUP REPORTS
- 1625 SUMMING UP
- 1640 CLOSE
- Dr W. Craik (GBRMPA)

APPENDIX III: BRIEF FOR SMALL GROUP DISCUSSIONS

Two 'pairs' of small discussion groups have been defined. the participants in each group are presented in the list of participants (Appendix I).

Groups 1 and 2 will address the biophysical aspects of cyclone Winifred, while Groups 3 and 4 will address the social, economic, and engineering aspects of the cyclone.

GROUPS 1 AND 2

DISCUSSION OBJECTIVE:

To assess the biophysical significance of cyclone Winifred, and how it may affect our understanding of the Great Barrier Reef system.

DISCUSSION TOPICS:

- Was Winifred a significant event compared with other natural phenomena which influence the GBR?
- How did Winifred affect our understanding of the Great Barrier Reef system and its constituent ecological patterns and processes?
- How can the scientific information obtained be applied to the management of the Great Barrier Reef Marine Park?
- Were the scientific response and studies undertaken adequate? If not, in what respects were they inadequate?
- What longer term and/or follow-up studies are necessary or desirable?

Note: Any additional topics of relevance may be considered when the above have been discussed.

GROUPS 3 AND 4

DISCUSSION OBJECTIVE:

To assess the socio-economic (including engineering) significance of cyclone Winifred, and how it may affect the use of the Great Barrier Reef Region.

DISCUSSION TOPICS:

- Was Winifred a significant event in terms of human use of the GBR in comparison with other natural phenomena which influence human use?
- How did Winifred affect human use of the GBR?
- How did Winifred influence future use of the GBR (for example, engineering design standards, spatial patterns of human use, tourist perception of hazard)?
- How can the socio-economic information obtained be applied to the management of the Great Barrier Reef Marine Park.

- Was the scientific response adequate, in investigating the socio-economic aspects? If not, in what respects was it inadequate?
- What longer term and/or follow-up studies are necessary or desirable?

Note: Any additional topics of relevance may be considered when the above have been discussed.