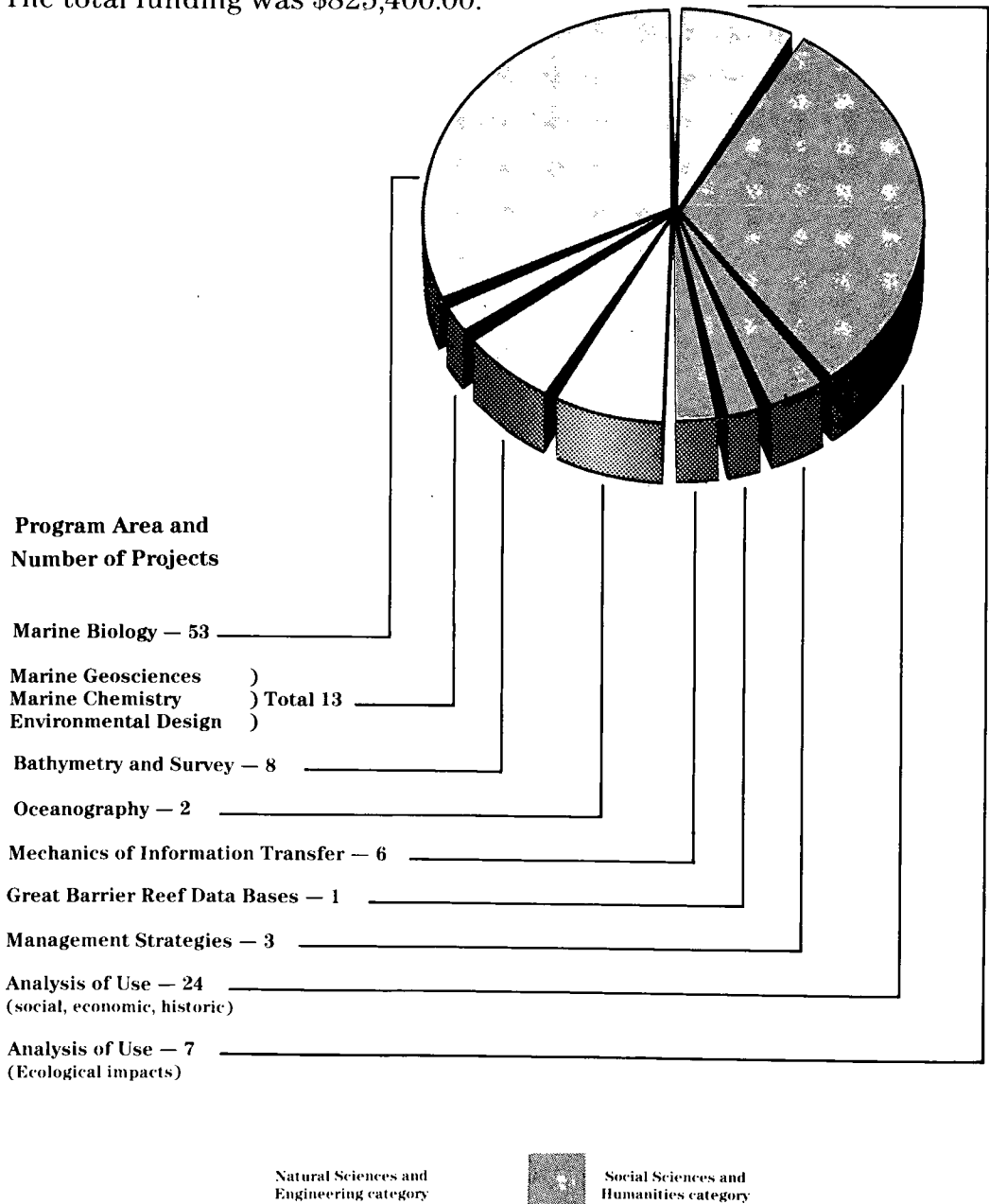


Figure One

# DISTRIBUTION OF FUNDING

The pie diagram shows the percentage of funds for each research program area, over the period 1976/77 to 1981/82.

The total funding was \$825,400.00.





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# INTRODUCTION

The Great Barrier Reef Marine Park Authority is not primarily a research organisation but it may commission, or if necessary conduct itself, research relevant to the Great Barrier Reef Marine Park. Wherever feasible the Authority seeks to obtain such information through projects within the research programs of other institutions. However, where this is not practicable the Authority can use its powers under Section 7(1)(b) of the *Great Barrier Reef Marine Park Act* 1975 to arrange for the research to be carried out.

In the period 1976-1982 the Authority provided funds totalling \$825,400 for 118 research and investigatory projects. Eighty-six per cent of the projects have been undertaken by other agencies, either especially commissioned by the Authority (26 per cent) or assisted by a grant from the Authority for a submitted research proposal relevant to the planning and management of the Marine Park (60 per cent).

This document is intended to summarise research funded by the Great Barrier Reef Marine Park Authority. The Authority has identified ten research program areas in which research relevant to the Marine Park may be conducted. These are listed in the Contents. The distribution of funds between the ten research program areas is shown in Figure One (page i).

The ten areas can be grouped into the two broad categories used by the Department of Science and Technology for the Science and Technology Statement 1982-83. Fifty per cent of funds fall into the *Natural Sciences and Engineering* (NSE) category; 40 per cent into *Social Sciences and Humanities* (SSH). Ten per cent of funds for projects in Analysis of Use (ecological impacts) fall between the two groups.

Research Projects include:

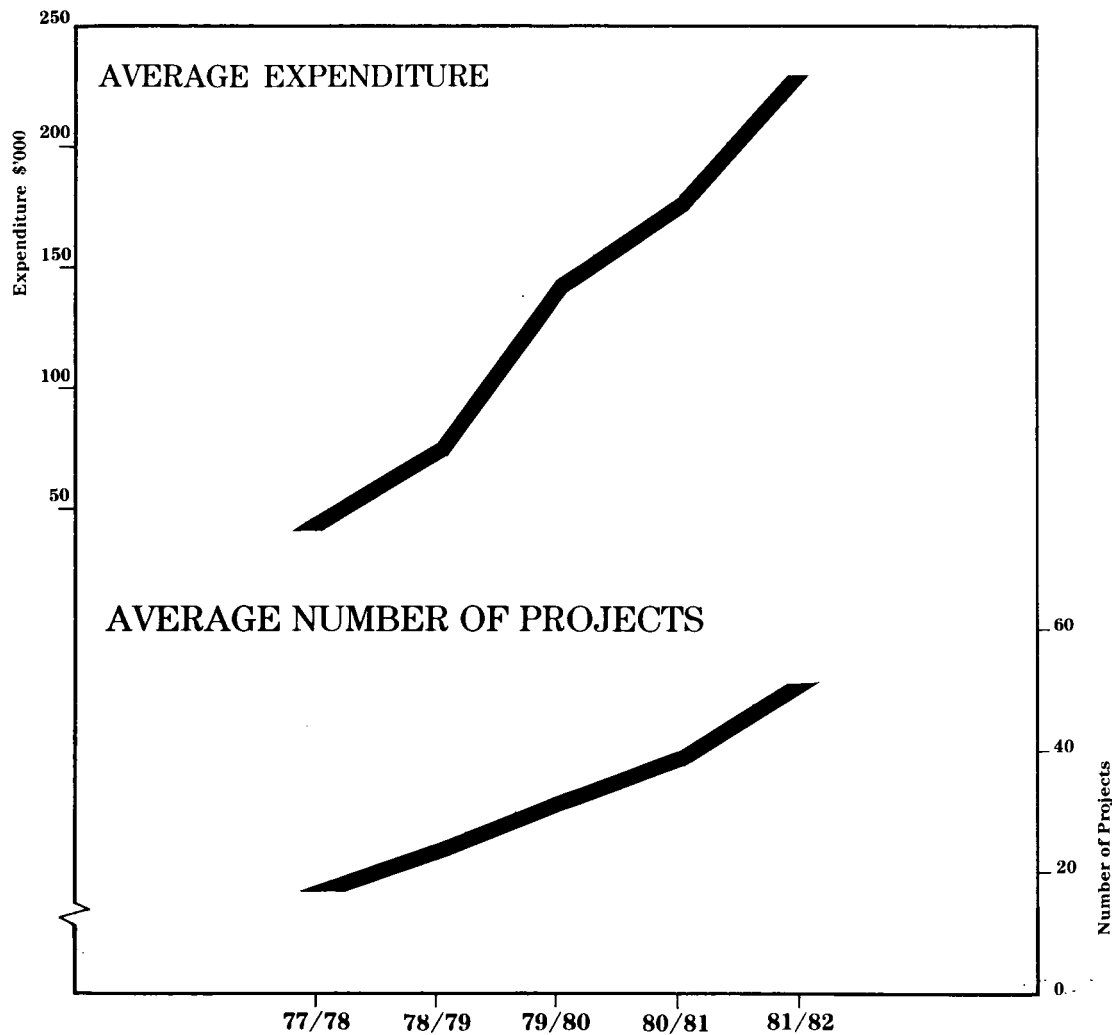
1. Consultancies in which projects proposed by GBRMPA were competitively contracted out (26% of the 118 projects).
2. Research grant projects in which proposals were referred by other agencies or were submitted unsolicited and funds were granted to the research (22%). A special section of research grant projects is the Augmentative Research Support Scheme in which the Authority awards supplementary grants to graduate and post graduate students (38%).
3. Joint studies — GBRMPA with other agencies (4%)
4. Research by GBRMPA staff (6%).
5. Workshops funded/organised by GBRMPA (4%).

The increase in research effort over the period is indicated in Figure Two (page iv) which shows the number of projects in progress and expenditure on research each year.

In future years the summaries of research projects will be presented as an Appendix to the Authority's Annual Report.

(Graeme Kelleher)  
Chairman

**Figure Two**



**THREE-YEAR MOVING AVERAGE OF EXPENDITURE ON RESEARCH AND NUMBER OF PROJECTS IN PROGRESS — 1977/78 TO 1981/82.**

**Source for Expenditure: Financial Statements presented in Annual Reports of The Great Barrier Reef Marine Park Authority 1976/77 to 1982/83.**

# FORMAT AND DEFINITIONS

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Projects are presented under the ten research areas in chronological order.

The format for reporting each project is based on the format of *Australian Marine Research in Progress*. Some of the headings used are defined below; others are self-explanatory.

*Organisations* are the consultants, or the institutions with which the Project Leaders are affiliated.

*Project Leaders* are the principal investigators for the Projects.

*Project Officer* is an officer employed by the Authority who has the responsibility of definition, control and interpretation of research projects.

*Supervisor* is an Assistant Executive Officer or the Executive Officer of the Authority, except for projects of the Augmentative Research Support Grant Scheme. For these projects the *Supervisor* is one appointed for the student's work at the institution concerned.

*Period* in general shows commencement date (month and year) to completion date or planned completion date (that is when the final report of the project has been accepted by the Authority). In some cases only the years are given. This is the case for all projects in the Augmentative Grants category. The year refers to the year the award was granted.

*Implications/Management Needs*: In this section the way in which the project will contribute to information required by the Authority for marine park planning and management in the Great Barrier Reef Region is described.

*Locality* names can be found on the accompanying map.

