

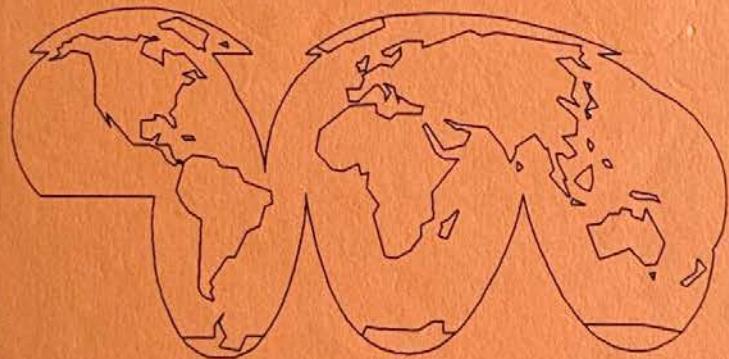


INSTITUTE of ISLAND STUDIES

A Report for the Institute of Island Studies
University of Prince Edward Island

**International Small Islands Research:
The Global Context
and
*Is there a Role for the Institute of Island Studies?***

August 1990



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James Ramsay
Consultant in Environment, Development, and Natural Resource Management
P.O. Box 1677, Charlottetown
Prince Edward Island
Canada C1A 7N4
Telephone: 902-368-7382
Facsimile: 902-566-1724

AAT-1661

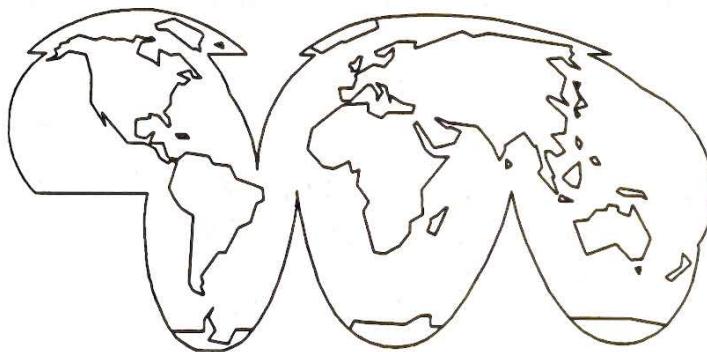


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PREFACE

This document is a report resulting from a short-term assignment by James Ramsay (environmental consultant) for the Institute of Island Studies, University of Prince Edward Island, Canada. The report is intended to act as, firstly, a basis for discussion concerning a possible new international role for the Institute - disseminating information globally; and secondly, as a source of information on island-related organisations and activities.

The author's terms of reference (Appendix 1) were ambitious relative to the resources available. Of necessity, the text and recommendations in the report are in outline form.

Much of the value of the document is likely to lie in the appendices, particularly in the lists of island specialists, organisations, networks, and publications. Both the suggestions for a new information centre and the data in the appendices may be of interest to other island-related institutions.

Whilst based on discussion with island specialists worldwide and the staff of the Institute of Island Studies, the views and recommendations in this report are solely those of the author, and should not be taken to represent Institute policy.

James Ramsay

Charlottetown

Prince Edward Island

August 1990



EXECUTIVE SUMMARY

This report outlines a significant opportunity for the future development of the Institute of Island Studies, University of Prince Edward Island, Canada. It also contains in its appendices extensive lists of island-related organisations, individuals, publications, electronic databases and networks, and other information.

The **opportunity** for the Institute lies in acting as a global **information centre** on one or more aspects of small-island research activities and events. The **activities** of such a centre might include:

- the establishment of an **international Island Collection** at the Robertson Library;
- the convening of **Conferences and Workshops**;
- occasional **Publications**, commencing with a **Directory of persons and organisations active in islands affairs**;
- publication of an **international Newsletter**;
- establishment of a new **electronic Islands Information Network**;
- publication of an **academic Journal**;
- creation of a **Research Fellow, Associate, or Intern programme**.

These activities could be implemented in sequence, as resources permit.

Benefits for the Institute, the University and the Province would include a raised international profile, increased research and related activities at the University, an enhanced ability to attract research funds and personnel, and the provision of timely, practical information on public policy issues drawn from comparative studies of PEI and other islands.

The **costs** of establishing such a centre would be of the order of \$ 80,000 per year over the first three years.

LIST OF ACRONYMS

NOTE: Brief descriptions of most of the organisations noted below can be found in either Appendix 4, *Organisations and Programmes*, or in Appendix 9.1, *Electronic Databases and Networks*.

ACE	Atlantic Center for the Environment (Massachusetts)
AIN	Arctic Information Network
ASTIS	Arctic Science and Technology Information System
BC	British Columbia
BGCS	Botanic Gardens Conservation Strategy
CAN	Coastal Aquaculture Network
CARIS	Current Agricultural Research Information Service
CARISPLAN	Caribbean Information System for Economic and Social Planning
CCA	Caribbean Conservation Association
CDCC	Caribbean Development Cooperation Committee
CEDREFI	Centre de Documentation, de Recherches et de Formation Indianoceaniques
CEP	Caribbean Environment Programme (UNEP)
CFCDC	Canadian Foundation for Caribbean Development and Cooperation
CIKARD	Centre for Indigenous Knowledge for Agricultural and Rural Development
CMC	Center for Marine Conservation
CNRS	Centre Nationale de la Recherche Scientifique
CTA	Technical Centre for Agricultural and Rural Cooperation (Netherlands)
DC	District of Columbia
EAPI	East-West Environment and Policy Institute (Hawaii)
ECLAC	Economic Commission for Latin America and the Caribbean
EEC	European Economic Community
HIDB	Highlands and Islands Development Board (Scotland)
IBION	Issue-based Indian Ocean Network
ICBP	International Council for Bird Preservation
ICLARM	International Center for Aquatic Resources Management
ICOD	International Centre for Ocean Development
ICSU	International Council of Scientific Unions
IDRC	International Development Research Centre
IIS	Institute of Island Studies

IMO	International Maritime Organisation
IMS	Island Micro-State
INSULA	International Scientific Council for Islands Development
IOMAC	Indian Ocean Marine Affairs Cooperation
IRETA	Institute for Research, Extension and Training in Agriculture (Netherlands)
IUCN	International Union for the Conservation of Nature and Natural Resources
MAB	Man and the Biosphere Programme (UN)
NGO	Non-Governmental Organisation
NSW	New South Wales
OCA/PAC	Oceans and Coastal Areas Programme Activity Centre (UNEP)
PEI	Prince Edward Island
PIMRIS	Pacific Islands Marine Resources Information System
PINA	Pacific Islands News Association
SCAINIP	Standing Committee for Agricultural Information in the Pacific
SCAR	Scientific Committee on Arctic Research
SCOR	Scientific Committee on Oceanic Research
SPREP	South Pacific Regional Environment Programme
SPRI	Scott Polar Research Institute
UNCTAD	United Nations Conference on Trade and Development
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UPEI	University of Prince Edward Island
WCMC	World Conservation Monitoring Centre (Cambridge, U.K.)
WWF	Worldwide Fund for Nature/World Wildlife Fund
UK	United Kingdom
USA	United States of America

Chapter 1. INTRODUCTION

1.1 The Assignment

1.1.1 Terms of Reference

This report to the Institute of Island Studies (the Institute) presents the results of a study by James Ramsay, environmental consultant, on the global context of small islands research, and on possible new roles for the Institute. The study was commissioned by the Director of the Institute, Harry Baglole. The Terms of Reference for the study are summarised below:

- (i) Contact specialists in island studies around the world to build up a picture of key island-related concepts, individuals, organisations, research programmes and publications.
- (ii) Identify existing methods of information exchange in the field of island studies.
- (iii) Determine whether there is a need for a new focal point for island information, a "database", and what form this might take.
- (iv) Outline a plan of action for the creation of such a database.

The full Terms of reference are attached at Appendix 1.

1.1.2 Execution

The assignment was carried out in four phases:

o **Acquisition of Information**

The principal methods used to acquire information were:

- telephone contact with key individuals to build up a contact list;
- written requests for information sent to contacts worldwide;
- personal visits to a few selected organisations (e.g. The International Centre for Ocean Development (ICOD), the Scott Polar Research Institute (SPRI)).

In addition, one small (\$100) sub-contract was let to a specialist in Russian geosciences, in order to obtain information on Soviet Arctic studies.

TABLE 1
A list of individuals and organisations contacted is given at Appendix 2. The list was limited by the severe budgetary constraints imposed on the study.

o Information Review

A large quantity of written material received. This was reviewed and collated, resulting in the various Appendices to this report.

The most important documents received have been forwarded to the Institute under separate cover.

o Preparation of Outline Report

A outline report was prepared and discussed with the Institute's Director.

o Preparation and Submission of Final Report

1.2 Report Layout

The remainder of this chapter describes the context of the assignment, including an outline of key concepts in the field of island studies and a breakdown of islands by their geographical location.

Chapter 2 summarises information received on who is doing what, where, in relation to islands.

Chapter 3 lists some of the publications of most relevance to island studies worldwide.

Chapter 4 lists some of the electronic information sources currently available, and discusses the use of computers for information exchange.

Chapter 5 discusses the need for a new focal point on island-related information and research, and describes a possible form for such a centre.

Chapter 6 outlines a plan of action and budget for creating such a centre at the Institute.

Figures, notably those for the Comoros, St. Vincent, Grenada and the Maldives, are open to some dispute. The population of Tonga is adjusted to take note of the 1985 Census. The World Bank have 1985 per capita income figures for South Pacific states as follows: Fiji (1710), Solomon Islands (510), Tonga (730), Western Samoa (680) and Vanuatu (530). There is no reason to suppose that these are more accurate than other figures. The South Pacific life expectancy figures are for 1980; they vary little from the available World Bank figures for 1985.

1.3 Island Studies - a Contextual Background

1.3.1 Concepts

What is a "small island"? The 1986 Interoceanic Workshop on Sustainable Development and Environmental Management of Small Islands defined small islands as having an area of approximately 10,000 km² or less (6,210 miles²), and a population of 500,000 people or less (Beller, 1987). However, as with micro-states, there is a continuum of island sizes and populations, and any divisions are arbitrary. Hence smallness can best be perceived as a "comparative and not an absolute idea" (Wood, 1967).

Nevertheless, small island states and communities do suffer from similar development problems, and a community of interests can be recognised. Their problems are those of *scale, location, and transport*. On this basis, Connell (1988) has defined some twenty politically independent Third World island developing countries with less than a million population, and relatively low *per capita* incomes, as "Island Micro-States" (IMS) (Table 1.).

Royle (1989) suggests a universal commonality about all islands: each of them has been subject to extra-territorial political control. Small island economies have been characterised as "MIRAGE" economies - based on MIgration, REmittances, Aid, Government and Education - which depend on concessions that are arbitrarily granted and subject to reduction or withdrawal should the sense of responsibility of the metropolitan power weaken (Beller, 1987).

Although Brookfield (1986) has singled out the "transport stranglehold" as the single most important constraint to island development, his viewpoint is principally one of *economic* development. There is a growing perception amongst small islands in many parts of the world that remoteness and "underdevelopment" are resources rather than constraints. Although partially due to the tourism opportunities offered by these attributes, much more important is the **cultural integrity** preserved and assisted by being out of the mainstream.

TABLE 1. *Island Microstates in the Third World* (from: Connell, 1988)

	Popu- lation (mid- 1985)	Area (sq. kms)	Popu- lation Density (persons sq.km)	GNP per capita 1985 \$US	Life Expect- ancy (1985)
<u>Caribbean</u>					
Antigua and Barbuda	79000	442	178	2020	73
Bahamas	231000	13940	16	7070	70
Barbados	254000	430	59	4630	73
Dominica	78000	750	104	1150	75
Grenada	96000	345	278	970	68
St Kitts-Nevis	55000	269	204	1550	64
St Lucia	136000	616	221	1240	70
St Vincent and the Grenadines	119000	388	307	850	69
<u>Indian Ocean</u>					
Comoros	454000	1865	243	240	55
Maldives	182000	298	611	290	53
Seychelles	65000	404	161	2770	69
<u>Atlantic Ocean</u>					
Cape Verde	325000	4033	81	430	63
Sao Tome and Principe	108000	826	131	320	65
<u>South Pacific</u>					
Fiji	715000	18272	39	1660	68
Kiribati	61000	690	88	460(1984)	52
Solomon Islands	286000	28530	10	470	57
Tonga	95000	700	151	780(1983)	58
Tuvalu	8000	26	308	570(1980)	60 est.
Western Samoa	163000	2935	55	570	65
Vanuatu	140000	11880	12	530(1982)	54

Sources: World Bank, 1987a:269 (for Caribbean, Indian Ocean and Atlantic Ocean); Pacific Economic Bulletin, 2, December 1986 (for South Pacific).

NOTE: The World Bank population for St.Kitts-Nevis was 43.000 but this appears to be an under-estimate. Other World Bank population figures, notably those for the Comoros, St. Vincent, Grenada and the Maldives, are open to some dispute. The population of Tonga is adjusted to take note of the 1985 Census. The World Bank have 1985 per capita income figures for South Pacific states as follows: Fiji (1710), Solomon Islands (510), Tonga (730), Western Samoa (660) and Vanuatu (530). There is no reason to suppose that these are more accurate than other figures. The South Pacific life expectancy figures are for 1980; they vary little from the available World Bank figures for 1985.

1.3.2 Geographical Units

Canada

Islands are an important feature of the Canadian land and seascapes. Although a precise count has never been made, the Canadian Gazetteer Atlas (1980) records names for 1016 individual islands and 129 groups or archipelagoes. These are divided into three regions: Arctic, Pacific, and Atlantic. Each area has unique environmental, economic and cultural features, but collectively they share a number of development-related needs and problems. One recent study of environment and development problems of islands in these three groups is the report by Hanson and Lamson (1986).

Global

There are a number of ways of classifying islands worldwide. A simple division is:

Polar

- Arctic
- Antarctic

Temperate

- Western European
- Eastern North American
- Western North American
- North-West Pacific
- South American
- Australasian

Tropical

- Caribbean
- Pacific
- Indian Ocean

This classification leaves groups such as the Mediterranean islands somewhat in limbo. Additional literature review would undoubtedly identify many other classifications, including those based on geology, conservation values, communications links, and comparative culture.

Chapter 2. WHO, WHAT AND WHERE

2.1 Key Institutions

A limited number of institutions play a leading role in studies and research related to small islands. A very much larger number of organisations are involved in various aspects of island studies and development, with interests ranging from local through regional to global, in various fields.

Key island-related institutions include:

Canada

The *Institute of Island Studies* appears to be the only specifically island-related organisation in Canada which is active both domestically and internationally.

There is a "Small Islands Research Group" at the University of Calgary, but this did not respond to enquiries for information. There is also an "Islands Trust" in British Columbia, which is thought to be a local conservation and development NGO.

The World

Island Resources Foundation (US Virgin Islands). A conservation and development NGO, particularly active in the eastern Caribbean.

IUCN. IUCN has a Task Force on Island Conservation within its Commission on Ecology, and is completing a major Directory and database on more than 2000 islands worldwide.

UNESCO/MAB. UNESCO's Man and the Biosphere Programme has an Islands Programme, headquartered in the Division of Ecological Sciences, Paris. UNESCO/MAB has recently sponsored the foundation of the International Scientific Council for Islands Development (INSULA), an NGO devoted to sustainable development of islands worldwide (see Appendix 5 for a description of INSULA).

US/MAB. The US MAB Programme has an Islands Directorate, which has concentrated its efforts on the Caribbean.

Small Islands Working Group of the Commonwealth Geographical Bureau. This new working group was set up by participants at the recent Conference on Small Island Development in Malta. In addition, the meeting endorsed the concept of establishing a new Malta-based island research organisation.

University of Bordeaux, Dept. of Island Geography. This university department has many research programmes on islands, including the CNRS/ORSTOM series of atlases of French overseas territories.

Further details of these organisations are given in Appendix 4.

2.2 Other Island-related Institutions

Some of the many other organisations involved in activities relating to islands are listed in Appendix 4.

2.3 Island Specialists

In addition to the Directors of the organisations named above, an interest in islands can be inferred by attendance at island-related meetings. Lists of delegates to recent island-related conferences are attached at Appendix 3 (Interoceanic Workshop on Sustainable Development and Environmental Management of Small Islands, Humacao, Puerto Rico, 1986; Islands '86; IUCN/UNEP Workshop on Island Conservation 1989; Conference on Small Island Development, 1990, Malta).

Chapter 3. INFORMATION ON PAPER



3.1 Newsletters

A preliminary list of island-related Newsletters and other periodicals is attached at Appendix 6.

3.2 Journals

No academic journal devoted solely to islands was identified during this study, with the exception of special issues, e.g. *Ekistics*, Vol. 54, Nos. 323/324.

3.3 Bibliographies

A short general bibliography on islands is given at Appendix 7.1. This is supplemented by an extensive bibliography on Third World Island Microstates from Connell (1988) at Appendix 7.2.

Appendix 8 lists a number of Directories, either specifically concerned with islands (e.g. the forthcoming IUCN Islands Directory), or relevant to islands and island research in other ways.

Chapter 4. ELECTRONIC INFORMATION



4.1 Principles of Electronic Information Exchange

Computer literacy is essential for any organisation dealing with information, principally for three purposes:

- maintaining and accessing the organisation's internal records (people, publications, addresses, accounts, databases of information on specialist subject areas);
- word processing, to create attractive publications to disseminate information;
- accessing external information.

The first two of these purposes are self-explanatory. An excellent introduction to computers for NGOs is given at Appendix 10.1, *Computers for NGOs*, by the Island Resources Foundation. The third purpose, accessing external information, may be a new subject to some readers.

Increasingly, information on all subjects is being exchanged by using computers and telecommunications systems. *Going online* means being able to ask questions and obtain answers in real time on the screen from an electronic database (e.g. an academic abstracting service), which may be in the same building or the other side of the world. *Computer-assisted communications* allow people, at different times and places, to exchange text messages (including documents) through the use of computer terminals (or microcomputers), connected by a communication link such as the telephone system. There is no need for everyone to be available at the same time as on the telephone, or to have a dedicated phone line as with a fax machine.

Materials on going online have been supplied to the Institute separately. An introduction to computer-assisted communications is attached at Appendix 10.2.

4.2 Databases

The records of an increasing number of libraries are available online. Some of these are listed at Appendix 9.1.

4.3 Networks, Conferences and Electronic Mail

Appendix 9.1 also lists a number of Networks, Conferences and Electronic Mail systems relevant to island studies and development.

Chapter 5. A NEW ROLE FOR THE INSTITUTE?



5.1 Need and Purpose

Worldwide, there are many organisations involved in activities relating to island development, or university departments involved in island-related research. However, there does not appear to be any academic journal devoted solely to island subjects, nor any global islands newsletter devoted to, e.g., exchanging information related to development and resource management issues.

This information gap immediately suggests a possible new role for the Institute, as *an Islands Information Centre*.

Given the Institute's and the University's strengths and weaknesses, it would be important for any such initiative to focus on a particular type of endeavour. The Institute has a good record in the fields of island culture, history, and socio-economic development, and this emphasis should be maintained, at least in the early stages. In addition, it would be beneficial for both the Institute and Prince Edward Island to develop a capability in the rapidly growing public policy fields of sustainable development and environmental management.

The geographical scope of the centre should be global, but with an initial focus on the North Atlantic seaboard of both Europe and North America. Given the rapid growth of island-related organisations based in Europe (and other political developments there), one function of the newsletter would be to keep European contacts abreast of news from North America, and *vice versa*.

The centre would also have a useful role to play *vis-a-vis* the Province: providing the information on how other islands do things, and hence assisting the formation of public policy (examples might be a comparative study of the tax laws of the Bahamas, Channel Islands, and Isle of Man, or of land use and planning regulations on islands of similar size).

5.2 Description

Activities of the Information Centre might include:

- (i) Establishment of an **international Islands Collection** at the Robertson Library at UPEI. Consideration should be given to cataloguing the new material using the UDC "Islands Schedule", rather than the Library of Congress classification. In addition, future online access to the collection's records might be facilitated by using UNESCO's internationally-recognised CDS/ISIS software for bibliographic databases.
- (ii) Organising **Conferences and Workshops**, perhaps commencing with a meeting of Directors of Island Institutes to determine research and information needs. One meeting in PEI which has already been broached with the Small Islands Working Group of the Commonwealth Geographical Bureau is a proposed conference on the Demography of Small Island Populations, scheduled for 1993.
- (iii) **Occasional publications**, commencing with a **Directory of Persons and Organisations** active in island affairs. This could be modelled on the Scott Polar Research Institute's new directory: *Britain in the Arctic: a Directory of Interests and Activities* (SPRI, 1990), of which a copy has been forwarded to the Institute. Other publications would include books and monographs on island themes, with an international market.
- (iv) Publication of a **Newsletter**, emphasising island-related research, cultural events, and development and resource management issues.
- (v) Setting up a new **electronic Information Network**, along the lines of PIMRIS (Pacific Islands Marine Resources Information System) at the University of the South Pacific.
- (vi) Publication of an **academic Journal**, possibly quarterly - or at least, housing the secretariat responsible to the international Editorial Board for preparation of the journal.
- (viii) **A Research Fellow, Associate or Intern Programme**, to facilitate the temporary appointment of researchers and others at the Institute. Possible areas of research related to small islands are listed at Appendix 11.

It will not be possible to carry out these activities successfully without increasing the Institute's capability to acquire and collate information. Necessary inputs will include subscriptions to a large number of newsletters and some other journals, reciprocal membership of other island institutes and organisations, subscription memberships, constant telephone and fax contacts, use of various electronic systems, and conference attendance. Extra staff will be required, initially part-time.

5.3 Benefits

In addition to their intrinsic value, the Institute would benefit from these activities through the recognition that would accrue from providing a needed international service.

Benefits to the University of having a more active and internationally recognised Institute would include an enhanced ability to attract both funds and researchers. The Institute's activities would both inspire and inform the academic body, and create opportunities for new joint research projects, academic exchanges, & etc. The types of activities suggested would also assist in building the critical mass necessary for establishing both a Geography Department and Postgraduate studies.

The Province would benefit from the Institute's new venture in several ways: economically, from the spending associated with increased activity at the University; culturally, as the Institute taps into and facilitates increasing numbers of island-to-island cultural exchanges and events; and politically, in terms of both the supply of practical information to government, and a raised international profile.

Chapter 6. PLAN OF ACTION FOR CREATING THE IIS INFORMATION CENTRE

6.1 Phases

Creation of an Information Centre at the Institute should be phased. Activities would reflect the resources available. Each of the items discussed at Section 5.2 above could form the basis of an application to a potential funding agency.

It is recommended that the activities be undertaken in the following order:

1. Increase access to information by:
 - subscribing to newsletters;
 - beginning the establishment of an international islands collection at the Robertson Library.
2. Arrange a meeting of Directors of Island Institutes to discuss international information and research needs.
3. Preparation of a Directory of island-related individuals and organisations. Use this project to acquire necessary computer equipment, subscriptions to electronic networks, and computer experience in-house. Directory would be both hard-copy, and available on disk or possibly online.
4. Publication of first Newsletter, to gradually improve in format and scope.
5. Establish electronic bulletin board on small islands on appropriate network.
6. Initiate steps towards publication of Journal.
7. Set up Research Associate or Internship programme.

6.2 Costs

Resources available to this study did not allow the generation of a detailed budget for the Action Plan. An outline budget is given below:

Item	\$
<i>Capital Costs</i>	
Computer hardware, software, printer, & related costs	10,000
<i>Recurrent Annual Costs</i>	
Literature acquisition	5,000
Small islands specialist (part-time) - salary & benefits	30,000
Travel, workshops, conferences	25,000
Office costs	10,000
Total first year costs:	80,000
Second year recurrent costs (with 10% inflation allowance)	77,000
Third year recurrent costs (2nd year plus 10%)	85,000

When considering these figures it is important to realise that even a limited financial commitment could have very beneficial results, for example in terms of establishing an international presence and identifying long-term opportunities. Readers should also be aware that the Institute already has office space available and, separately, is working on plans to enhance its in-house publishing capability.

James Ramsay
J. Ramsay Associates
P.O. Box 1677
Charlottetown
P.E.I. C1A 7N4

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APPENDIX 1.

TERMS OF REFERENCE



INSTITUTE of ISLAND STUDIES

2nd October 1989

Extension Department
University of Prince Edward Island
Charlottetown
CANADA C1A 4P3
Tel (902) 566-0386

Small Islands Research: *Is there a need for a global database?*

TERMS OF REFERENCE FOR AN EXPLORATORY STUDY

1. BACKGROUND

One of the purposes of the Institute of Island Studies is to undertake comparative studies of Prince Edward Island and other islands. In pursuance of this objective, the Institute proposes to carry out a project that may lead to its emergence as an internationally recognised reference point on small islands. The project will also help to define the future activities and evolution of the Institute.

The analysis of islands may be divided into two major areas - biophysical, and human (cultural/economic). These two areas are linked by the major theme of "environment", and by their change through time - historically, current processes, future evolution.

Informal contact with a number of international specialists on various aspects of island studies has indicated that there may be a need for a central database on small islands research and related activities. The formation of such a database at the Institute, together with associated information-related exercises such as publication of newsletters and journals, would provide an excellent foundation for a major expansion in "Island Studies" at UPEI, including a significant increase in international ventures.

As a first step, the Institute is commissioning a consultant to review islands research and information activities around the world, and to outline a plan of action for the creation of an appropriate database.

2. OBJECTIVES

The objectives of the contract are to:

- 2.1 outline some opportunities for future evolution of the Institute in relation to international studies;
- 2.2 assess the need for an international small-islands database for research, policy and decision-making, and related activities;
- 2.3 generate an outline plan of action for the creation of the database.

3. SCOPE OF SERVICES

Without limiting the generality of the foregoing, the consultant shall, as far as possible within the available resources:

- 3.1 contact island specialists to develop a list of institutions involved in island studies around the world, including key contacts;
- 3.2 contact key institutions on this list to ascertain their mandates, structure, and programmes of activity;
- 3.3 acquire island-related bibliographies and publications lists;
- 3.4 identify and describe existing island-related databases and information networks;
- 3.5 identify key "island" concepts and research topics of current concern;
- 3.6 assess the need for and potential usefulness of a new islands-related database, and whether this should be focussed;
- 3.7 outline a plan of action for the creation of an appropriate database at UPEI over a two-year period.

4. REPORTING

A report in 2 copies plus the original, and/or a copy on diskette (WordPerfect 5.0) as agreed, is expected by 31st December 1989 (*subsequently amended*).

APPENDIX 2.

INDIVIDUALS AND ORGANISATIONS CONTACTED DURING THIS STUDY

INDIVIDUALS AND ORGANISATIONS CONTACTED DURING THIS STUDY

AUSTRALIA

UNIVERSITY OF SYDNEY

Dept. of Geography 692-2886
Institute Building
University of Sydney
Sydney
NSW 2006
Dr. John Connell, *Islands Specialist*

Fax: 61-2-692-3644

CANADA

BOREAL INSTITUTE FOR NORTHERN STUDIES

CW 401, Biological Sciences Building 403-432-4512/4999
The University of Alberta
Edmonton
Alberta T6G 2E9

Telex: 037-2979 (Attn. R. Wein, Boreal Inst.)

Fax: 403-492-2919

E-mail: BINS@UALTAMTS

INSTITUTE OF ISLAND STUDIES

Dept. of Extension 902-566-0386
University of Prince Edward Island
Charlottetown
P.E.I. C1A 4P3
Harry Baglole, *Director*

Fax: 902-566-0420

INTERNATIONAL CENTRE FOR OCEAN DEVELOPMENT

9th Floor, 5670 Spring Garden Road 902-426-1512
Halifax
Nova Scotia B3J 1H6

Telex: 019-21670 ICOD HFX

Fax: 902-426-4464

Ronald G. Archer, *Program Officer, South Pacific and Caribbean Basin Division*

Gary Comber

Anne Irvin, *Distribution Officer*

Sophie Szpakowska, *Program Officer, International and Cooperative Activities*

INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC)

P.O. Box 8500 613-236-6163
Ottawa
Ontario K1G 3H9

Telex: 053-3753

Fax: 613-238-7230

Danielle Gagnon, *Information Officer*

Rachel McInnis, *Communications Division*

SMALL ISLANDS RESEARCH**Appendix 2****Report to the Institute of Island Studies****INDIVIDUALS AND ORGANISATIONS CONTACTED****MACDONALD COLLEGE**

P.O. Box 191
MacDonald College
St. Anne de Bellevue
Quebec H9X 1CO
Dr. Stuart Hill, Islands Specialist

514-398-7909

MAN AND THE BIOSPHERE PROGRAMME

Canadian Committee for the Unesco Programme on Man and the Biosphere
Canadian Commission for Unesco
99 Metcalfe Street
P.O. Box 1047
Ottawa
Ontario K1P 5V8
James Birtch, Canada/MAB and Natural Sciences Officer

613-237-3400

Telex: 053-4574 CANCONARTS OTT

QL SYSTEMS - CANADA

901 St. Andrew's Tower
275 Sparks Street
Ottawa
Ontario K1R 7X9

613-238-3499

UNESCO

Canadian Commission for UNESCO
99 Metcalfe Street
Ottawa
Ontario K1P 5V8

UNIVERSITY OF CALGARY

Dept. of Geography
The University of Calgary
2500 University Drive
Calgary
Alberta T2N 1N4
Dr Arthur Limbird, Director, Small Islands Research Group

403-284-4780

UNIVERSITY OF PRINCE EDWARD ISLAND

Charlottetown
P.E.I. C1A 4P3
Dr. Peter Meincke

902-566-0386

Fax: 902-566-0420

DENMARK

CHARLES DARWIN FOUNDATION FOR THE GALAPAGOS ISLES

Office of the Vice President, Europe
 Botanical Gardens
 University of Copenhagen
 O. Farimagsgade 2 B.
 DK-1353 Copenhagen K.
 Ole Hamann

45-33-139100

Fax: 45-33-155614

ECUADOR

CHARLES DARWIN RESEARCH STATION

Puerto Ayora, Galapagos
 Casilla 38-91 (letters only)
 Quito
 Fionnuala Walsh, *Director's Assistant*

Isla Santa Cruz (parcels)
 Galapagos

FRANCE

COUNCIL OF EUROPE

Secretariat
 Environment and Natural Resources Division
 B.P. 431 R6
 F 67006 STRASBOURG CEDEX

UNESCO

Division of Ecological Sciences
 7, place de Fontenoy
 F-75700 PARIS
 Dr. Pier-Giovanni d'Ayala, *Coordinator, UNESCO/MAB Island Programme*

3314-568-1000

Telex: 270602

Fax: 33-1-43-06-11-22

UNIVERSITY OF BORDEAUX

Department of Island Geography
 University of Bordeaux
 Bordeaux - Talence
 Dr. Jean-Pierre Doumenge, *Research Director, Centre Nationale de la Recherche Scientifique (CNRS)*

KENYA

UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)

Oceans and Coastal Areas Programme Activity Centre (OCA/PAC)
 UNEP
 P.O. Box 30552
 Nairobi
 Dr. Arthur Dahl, *Deputy to the Director, OCA/PAC*

254-2-333930

Telex: 22068 UNEP KE

Fax: 254-2-520711

6989/6166

MAURITIUS

CENTRE DE DOCUMENTATION, DE RECHERCHES ET DE FORMATION INDIANOCEANIQUES (CEDREFI)
24 rue Wellington 4547217
P.O. Box 91 Telex: CEDREFI VIA 4277 CHACOM IW
Rose-Hill
Mr Pynce A. Chellapermal, Executive Director

NEPAL

INTERNATIONAL UNION FOR THE CONSERVATION OF NATURE (IUCN)
c/o International Centre for Integrated Mountain Development (ICIMOD)
Kathmandu
Dr. Jeremy Carew-Reid, IUCN Representative, (Islands Specialist)

THE NETHERLANDS

ARCHIPELAGO MUNDI
P.O. Box 3559
1001 AJ Amsterdam

TECHNICAL CENTRE FOR AGRICULTURAL AND RURAL COOPERATION (CTA)
Postbus 380 31-0-8380-20484
6700 AJ Wageningen Telex: 44-30169 CTA NL
Fax: 31-0-8380-31052

THE PHILIPPINES

INTERNATIONAL CENTER FOR LIVING AQUATIC RESOURCES MANAGEMENT (ICLARM)
MC P.O. Box 1501 818-0466/9283
Makati Telex: (ETPI) 64794 ICLARM PN
Metro Manila 1299 Fax: 632-816-3183
Ramon B. Estarez, E-mail: (CGNET) ICLARM, (SCIENCENET) ICLARM.MANILA
Information Assistant, Information Program

PUERTO RICO

ASSOCIATION OF MARINE LABORATORIES OF THE CARIBBEAN
Dept. of Marine Sciences 809-899-2048
University of Puerto Rico
Mayaguez, PR 00709-5000
Dr. Ernest H. Williams, Executive Director

SRI LANKA

INDIAN OCEAN MARINE AFFAIRS COOPERATION (IOMAC)

Conference Secretariat
Suite 4-112
Bandaranaike Memorial International Conference Hall
Baudhaloka Mawaltha
Colombo 7

SWEDEN

WORLD MARITIME UNIVERSITY

P.O. Box 500
S-201 24 Malmo
Cynthia Mrigate, Admissions Officer

46-40-700-50
Telex: 8305018 WMU
Fax: +46-40-12-84-42

SWITZERLAND

CHARLES DARWIN FOUNDATION FOR THE GALAPAGOS ISLES

c/o IUCN
Avenue du Mont Blanc
CH-1196 Gland
Dr. Ole Hamann, Secretary for Europe

TRINIDAD AND TOBAGO

ECONOMIC COMMISSION FOR LATIN AMERICA AND THE CARIBBEAN (ECLAC)

Caribbean Information System
Caribbean Documentation Centre (CDC)
UN ECLAC
22-24 St. Vincent Street, 2nd Floor
P.O. Box 1113
Port of Spain
Ms Wilma Primus, Project Coordinator

809-623-5595/5428
Telex: 22394 ECLAC WG
Fax: 809-623-8485

UNION OF SOVIET SOCIALIST REPUBLICS

ARCTIC AND ANTARCTIC RESEARCH INSTITUTE

Ulitsa Beringa 34
Pribaltiyskiy rayon
Leningrad
Ye. S. Korotkevich, Director

SMALL ISLANDS RESEARCH**Appendix 2****Report to the Institute of Island Studies****INDIVIDUALS AND ORGANISATIONS CONTACTED****UNITED KINGDOM****W.S. ATKINS INTERNATIONAL**

Girton Road

0223-276002

Cambridge CB3 0LN

Telex: 817768 WATER G

Patrick H. Haynes, *Principal Agronomist (Islands Specialist)*

Fax: 0223-277529

DIALOG INFORMATION SERVICES

P.O. Box 188

0865-730275

Oxford OX1 5AX

THE INSTITUTE OF HYDROLOGY

Wallingford

0491-38800

Oxfordshire OX10 8BB

Telex: 849365 HYDROL G

Dr. Frank M. Law, *Specialist in Island Hydrology*

Fax: 0491-32256

INSTITUTE OF INFORMATION SCIENTISTS

44 Museum Street

071-831-8003

London WC1A 1LY

INTERNATIONAL COUNCIL FOR BIRD PRESERVATION (ICBP)

32 Cambridge Road

(+ 44)-223-277318

Girton

Telex: 817036 SCMU G

Cambridge CB3 ODL

Dr Timothy H. Johnson, *Island Coordinator***INTERNATIONAL MARITIME ORGANISATION (IMO)**

4 Albert Embankment

071-735-7611

London SE1 7SR

Fax: 071-587-3210

George McRobie

27 Kenilworth Road

081-567-9807

Ealing

London W5 5PA

Dr. Patrick Miles, Soviet Arctic Specialist

0223-356404

Geological Bibliographic Services

29 Highfield Avenue

Cambridge

THE QUEEN'S UNIVERSITY OF BELFAST

Dept. of Geography

0232-245133 ext. 3350

Belfast BT7 1NN

Telex: 74487

Northern Ireland

Dr. Stephen A. Royle, *Islands Specialist*

SMALL ISLANDS RESEARCH**Appendix 2****Report to the Institute of Island Studies****INDIVIDUALS AND ORGANISATIONS CONTACTED****SCOTT POLAR RESEARCH INSTITUTE**

University of Cambridge
Lensfield Road
Cambridge CB2 1ER
William Mills, *Librarian and Information Officer*

0223-337733/336540
Telex: 81240 CAMSPL G
Fax: 0223-336549
0223-336557 (dir.)

UNIVERSITY OF KEELE

Dept. of Geography
University of Keele
Keele
Staffordshire ST5 5BG
Dr. Douglas Lockhart, *Islands Specialist*

0782-621111

UNITED STATES OF AMERICA**ASSOCIATION FOR THE ECONOMIC DEVELOPMENT OF SMALL TROPICAL ISLANDS**

3528 Camino Real
Sarasota
Florida 33579
William H. Stewart, *Director*

BISHOP MUSEUM

The State Museum of Natural and Cultural History
1525 Bernice Street
P.O. Box 19000A
Honolulu
Hawaii 96817-0916

808-847-3511
Fax: 808-841-8968

S.H. Sohmer, *Asst. Director, Research and Scholarly Studies*

EASTER ISLAND COMMITTEE

41 E. 72nd Street
New York
NY 10021
Dr. James Theberghe, *Director*

EAST-WEST CENTER

1777 East-West Road
Honolulu
Hawaii 96848
Dr. Lawrence Hamilton, *Land Use Specialist, East-West Environment and Policy Institute (EAPI)*

808-944-7555
Telex: 989171
Fax: 808-944-7970

FOUNDATION FOR THE PEOPLES OF THE SOUTH PACIFIC/PACIFIC ISLANDS ASSOCIATION

200 West 57th Street, Suite 410
New York
NY 10019
R. Arrivillaga, *Secretary*

212-397-5270
Telex: WUI 62895
Fax: 212-586-0085

SMALL ISLANDS RESEARCH**Appendix 2****Report to the Institute of Island Studies****INDIVIDUALS AND ORGANISATIONS CONTACTED****ISLAND RESOURCES FOUNDATION**

Red Hook Centre, Box 33
St. Thomas
United States Virgin Islands 00802
also 1718 P. Street NW, Suite T-4
Washington
DC 20036
Dr. Edward L. Towle, President

809-775-6225

Dr. Hans P. Leander, Islands Specialist
144-40 77th Road, Apt. 2B
Flushing
NY 11367

718-591-5489

OMNET INC.

Electronic Mail Services and Support
137 Tonawanda street
Boston
Mass 02124

617-265-9230

Telex: 7400497 OMNT UC

U.S. MAN AND THE BIOSPHERE PROGRAM

U.S. MAB Program
Dept. of State
OES/ENR/MAB
Washington
DC 20520
Roger E. Soles, Executive Director, Islands Directorate

202-632-2816/2786

UNITED STATES GEOLOGICAL SURVEY

Mail Stop 407-A
503 National Center
12201 Sunrise Valley Drive
Reston
Virginia 22092
Dr. Nicholas Matalas, Specialist in Island Hydrology

WESTERN SAMOA**UNIVERSITY OF THE SOUTH PACIFIC**

CTA Pacific Region Branch Office
U.S.P. School of Agriculture
Alafua Campus
Private Mail Bag
Apia
Wesley Ward, IRETA/CTA Information Officer
D.F.O. Osborne, Pro-Vice Chancellor, Faculty of Agriculture

21-671

Telex: 251 USP SX

Fax: 22-933

APPENDIX 3.

ISLAND SPECIALISTS: CONFERENCE AND WORKSHOP DELEGATES

3.1

Interoceanic Workshop on Sustainable Development and Environmental Management of Small Islands, Humacao, Puerto Rico, 1986

3.2

**Conference of the Islands of the World
Victoria, British Columbia, Canada**

8-10 May

3.3

**IUCN/UNEP Workshop on Island Conservation 1989
Monaco**

3.4

**Conference on Small Island Development 1990
Malta**

3.1

**PARTICIPANTS IN
INTEROCEANIC WORKSHOP ON SUSTAINABLE DEVELOPMENT AND
ENVIRONMENTAL MANAGEMENT OF SMALL ISLANDS**

Humacao, Puerto Rico,
1986

Mr. William S. Beller
Chairman
U.S. MAB Caribbean Islands
Directorate
2701 Largo Place
Bowie, MD 20715
U.S.A.

Dr. Te'o I.J. Fairbairn
Research Associate
Pacific Islands Development Program
East-West Center
1777 East-West Rd.
Honolulu, Hawaii 96848, U.S.A.

Dr. Rundheersing Bheenick
Director-General
Ministry of Economic Planning
& Development
Emmanuel Anquetil Building
Port Louis, MAURITIUS

Dr. Bernard Fichaut
Researcher
Institute de Geoarchitecture
Universite de Bretagne Occidentale
6, Avenue le Gorgeu
29283 Brest Cedex
FRANCE

Mr. Erik Blommestein
Economic Affairs Officer
Economic Commission for
Latin America & the Caribbean
P.O. Box 1113
Port of Spain
TRINIDAD AND TOBAGO

Dr. St.Clair Forde
Director, Research & Development
Caribbean Agricultural Research
& Development Institute
University Campus
St. Augustine
TRINIDAD, W.I.

Prof. H.C. Brookfield
Prof. of Human Geography
Research School for Pacific Studies
Australian National University
GPO Box 4, Canberra ACT 2601
AUSTRALIA

Mr. Franjo Gasparovic
Consultant
UNEP Mediterranean Action Plan
Committee, Housing & Environment
Marulicev trg 16
41000 Zagreb, YUGOSLAVIA

Mr. Mike Cruz
Chief Planner
Planning Bureau
Government of Guam
P.O. Box 2950
Agana, GUAM 96910, U.S.A.

Dr. Giovanni Giavelli
Researcher
Istituto di Ecologia
Universita degli Studi
Via P. Groppi, 18, 43100 Parma
ITALY

Dr. Piergiovanni D'Ayala
Div. Ecological Sciences
UNESCO/Man and Biosphere Program
7, Place de Fontenoy
75700 Paris
FRANCE

Prof. Antonio Gomez Sal
Professor of Ecology
Spanish MAB Committee
Estación Agricola Experimental
Ap. 788, 24088 Leon
SPAIN

Mr. José Gonzalez Liboy
 Dir., Coastal Zone Mngt.
 Dept. of Natural Resources
 Apartado 5887, Puerta de Tierra
 San Juan, PUERTO RICO 00906, U.S.A.

Dr. Anthony Macelli
 Acting Director
 International Environment Institute
 Foundation for International Studies
 Old University Building
 St. Paul's St.
 Valletta, MALTA

Dr. Philippe L. Hein
 Economic Affairs Officer
 LDGS Div., UNCTAD
 Palais des Nations, CH-1211
 United Nations
 Geneva-10, SWITZERLAND

Mr. Ed Marcus
 Coastal Zone Mgmt. Prog.
 Dept. Planning & Economic
 Development
 P.O. Box 2359
 Honolulu, Hawaii 96813, U.S.A.

Ms. Alison L. Hess
 Project Director
 Office of Technology Assessment
 Congress of the United States
 Washington, D.C. 20510, U.S.A.

Prof. N. S. Margaritis
 Professor of Ecology
 Department of Environment
 University of the Aegean
 9 Kanari Street
 Athens, GREECE

Mr. Michael I. King
 Executive Director
 Caribbean Conservation Assoc.
 Savannah Lodge, The Garrison
 St. Michael, BARBADOS

Prof. Jerome L. McElroy
 Professor of Economics
 Dept. of Business
 Administration & Economics
 Saint Mary's College
 Notre Dame, Indiana 46556
 U.S.A.

Ms. Cynthia Lamson
 Lecturer
 School of Resources
 & Environmental Studies
 Dalhousie University
 1312 Robie St.
 Halifax, Nova Scotia
 CANADA B3H 3E2

Mr. Atsuki Ohnaga
 Senior Researcher
 Leisure Research Center
 3-8-1 Kasumigaseki, Chiyoda-ku
 9F Toranomon Mitsui Bldg.
 Tokyo 100, JAPAN

Mr. Jeff Liew
 Regional Coordinator
 Integrated Atoll Development Program
 UNDP, Private Mail Bag
 Suva, FIJI

Mr. Boris Oxman
 Dept. of Natural Resources
 Apartado 5887, Puerta de Tierra
 San Juan, PUERTO RICO 00906, U.S.A.

Dr. Ariel E. Lugo
 Director
 Institute of Tropical Forestry
 Call Box 25000, Rio Piedras
 Puerto Rico 00928-2500, U.S.A.

Mr. Iosefatu Reti
Co-ordinator
South Pacific Regional
Environment Programme
South Pacific Commission
Noumea Cedex B.P.D. 5,
NEW CALEDONIA

Dr. Arsenio Rodriguez
UNEP Reg. Coord. Unit
2nd Floor Gov't. Confer. Centre
14-20 Port Royal St.
Kingston, JAMAICA

Prof. Orazio Rossi
Professor of Ecology
Istituto di Ecologia
Universita degli Studi
Via P. Groppi, 18, 43100 Parma,
ITALY

Dr. Edward Towle
President
Island Resources Foundation
Red Hook Box 33, St. Thomas
U.S. Virgin Islands 00802, U.S.A.

Prof. François Vellas
Professeur de Sciences Economiques
Institut d'Etudes
Internationales et des Pays
en Developpement
Universite des Sciences
Sociales de Toulouse
Place Anatole-France
31042 Toulouse Cedex, FRANCE

Mr. Mervin C. Williams
Associate Project Manager
Organization of Eastern
Caribbean States
P.O. Box 179
The Morne, Castries, ST. LUCIA

Mr. Zhou Quilin
Deputy Head, Div. of Science
3rd Inst. of Oceanography
State Oceanic Administration
P.O. Box 70 Xiamen
PEOPLE'S REPUBLIC OF CHINA

3.2 PARTICIPANTS IN ISLANDS '86

Victoria, British Columbia

Organiser

James A. Boutilier

Dept. of History and Political Economy

Royal Roads Military College

F.M.O.

Victoria

B.C.

Canada

Carolyn Allen
West Lake Community Association
RR#1
Picton, Ontario
K0K 2T0

Heather Allen
PRESS
P.O. Box 188
Powell River, B.C.
V8A 4Z6

Sandy Argue
Pacific Coast Bio-Resources
#3 - 3142 Cedar Hill Road
Victoria, B.C.
V8T 3J6

Cathy Anne Baker
Reed College
Box 951 Reed College
Portland, Oregon
97202

John Barker
Dept. of Anthropology
University of Washington
Seattle, WA 98195

Peter Baskerville
Chairman, Department of History
University of Victoria

Hugh Beggs
University of Dundee
Scotland

Richard Betts
Professor of History
University of Kentucky
Lexington, Kentucky
U.S.A. 40506

Cynthia Biddlecombe
2207-B Carnegie Lane
Redondo Beach, CA
U.S.A. 90278

Dale Blackburn
921 Wentworth Street
Nanaimo, B.C.
V9R 3G2

James Boutilier
Head, Department of History
and Political Economy
Royal Roads Military College and
Adjunct Professor
Centre for Pacific and Oriental
Studies
University of Victoria

Arthur Boyd
San Juan County Planning
P.O. Box 947
Friday Harbor, WA
98250

Stanley Brunn
Director and Professor of History
University of Kentucky
1153 Patterson Office Tower
Lexington, Kentucky
U.S.A. 40506-0027

James Burnett-Herkes
Assistant Director
Department of Agriculture and
Fisheries
P.O. Box HM834
Hamilton 5, Bermuda

Sandra Cooper
Canada Manpower, Victoria
2145 Lazzar Road
RR#3
Sooke, B.C.
V0S 1W0

Bengt Danielsson
Anthropologist and Journalist
B.P. 558
Papeete, Tahiti
French Polynesia

Marie-Therese Danielsson
Journalist, Tahiti
B.P. 558
Papeete, Tahiti
French Polynesia

Judy Doyle
c/o 2033 San Rafael Cres.
Victoria, B.C.
V8N 2H7

Te'o Fairbairn
Director
Pacific Islands Development Program
East-West Center
1777 East-West Road
Honolulu, Hawaii
U.S.A. 96848

Bryan Farrell
Board of Environmental Studies
University of California
Santa Cruz, California
95064

Harold Foster
Department of Geography
University of Victoria

Hannah Hadiken
Distance Education
Simon Fraser University
Burnaby, B.C.
V5A 1S6

Stephen Halapua
Department of Economics
University of the South Pacific
P.O. Box 1168
Suva, Fiji

Kusha Haraksingh
Department of History
Institute of African and Asian Studies
University of the West Indies
Trinidad

Richard Herr
Department of Political Science
University of Tasmania
Hobart, Tasmania
Australia

Margaret Hollenbach
11930 Lakeside Ave. N.E.
Seattle, WA 98125

Michael Howard
School of Social and
Economic Development
University of the South Pacific
P.O. Box 1168
Suva, Fiji

Thorkild Hoy
Magleholj 72
3520 Farum
Denmark

Mike Huls
Houston, Texas

Dr. Mike Humphries
Islands Trust
Parliament Buildings
Victoria, B.C.
V8W 3E1

David Jones
Small Islands Research Group
Dept. of Geography
University of Calgary
2500 University Dr. N.W.
Calgary, Alberta
T2G 1W4

Hiroshi Kakazu
 Associate Professor
 International Economics
 The University of the Ryukyus
 Nakagushiku-son
 Okinawa-ken 903-01
 Japan

Gov. A.P. Lutali
 Governor, American Samoa
 Office of the Governor
 Agatogo 96799

Patricia Keyes
 Malaspina College
 Nanaimo, B.C.
 Canada

Terry McGee
 Director, Asian Research Institute
 University of British Columbia
 Vancouver, B.C.
 V6T 1W5

Phillip Kinnicutt
 Vice-President, Marketing Gasco
 PRI Tower
 733 Bishop Street
 P.O. Box 3379
 Honolulu, Hawaii
 96842

Michael Muirhead
 Technical Consultant
 Western Subsea Technology Ltd.
 2049 Saltair Place
 Victoria, B.C.
 V8N 4S4

Debra Kirch
 7314 - 16th Ave. N.E.
 Seattle, WA
 98115

Peter Murphy
 Chairman
 Department of Geography
 University of Victoria

Robert Kiste, Director
 Pacific Islands Studies Program
 University of Hawaii at Manoa
 1890 East-West Road
 Moore Hall 215
 Honolulu, Hawaii
 U.S.A. 96822

J. Tim O'Meara
 2024 Garden Street
 Santa Barbara, CA
 93105

Jerry Loveland
 IPS Dept. Brigham Young Univ.
 Hawaii Campus
 Laie, Hawaii
 96762

Chris Plant
 Satellite Communications specialist
 P.O. Box 99
 Lillooet, B.C.
 V0K 1V0

David Lowenthal
 Department of Geography
 University College
 26 Bedford Way
 London, WC1H 0AP
 UK

Shiv Prasad
 Economic Development Board
 Fini

Pamela Prior
 Pacific Islands Development Program
 East-West Center
 1777 East-West Road
 Honolulu, Hawaii
 96848

SMALL ISLANDS RESEARCH

Appendix 3.

Report to the Institute of Island Studies

ISLAND SPECIALISTS

Mrs. Edith Radl-Kawai
Richardson Law School
University of Hawaii
2637 Manoa Road
Honolulu, Hawaii
U.S.A. 96822

William Ristow
City Desk, Seattle Time
P.O. Box OBX 70
Seattle, WA
98111

Elizabeth Royle
Dept. of Geography
Queen's University
Belfast, Northern Ireland
BT55NW

Dr. Stephen Royle
Dept. of Geography
Queen's University
Belfast, Northern Ireland
UK BT5 5NW

Thomas Shoyama
School of Public Administration
University of Victoria

N.P. Singh, Director
Economic Development Board of Fiji
1st Floor, Velop House
371 Victoria Parade, P.O. Box 2303
Government Buildings
Suva, Fiji

Dr. Bernard Smith
Dept. of Geography
Queen's University
Belfast, Northern Ireland
UK BT7 1NN

Robert Solenberger
3810 Hamilton Street
Philadelphia, Pennsylvania
19104

L. Sorenson
San Juan County Planning
P.O. Box 947
Friday Harbor, WA
98259

Ken Stratford
Executive Director
Business Victoria
5650 White White Pine Lane
North Vancouver, B.C.
V7R 4S1

Koji Taira
Department of Economics
University of Illinois

John Tayless
Dean, Academic Affairs
North Island College
156 Manor Drive
Comox, B.C.
V9N 6P7

John Twidell
Head, Energy Studies Unit
University of Strathclyde
Glasgow, Scotland
G1 1XN

Lazarusa Vusoniwailala
General Manager
Fiji Broadcasting Commission
Broadcasting House
Gladstone Road
P.O. Box 334
Suva, Fiji

Donna Wallace
2033 San Rafael Cres.
Victoria, B.C.
V8N 2H7

Jan Walls
Vice-President, Academic and
Cultural Affairs
Asia Pacific Foundation of Canada

Gerald Walter
Professor of Economics
University of Victoria

Nina Watson
1865 Broadway
New York, New York
10023

George Watts
Tribal Chairman
Nuu-chah-nulth Tribal Council
5000 Mission Road
Port Alberni, B.C.
Canada

directly involved, and

subsequent actions. Participants concluded that

islands should be included

in the

Worldwide Action Plan

on Island Conservation.

Participants also decided

that

islands should

be included in the World

Conservation Strategy

and the World Conservation Strategy for Nature.

Participants also decided that

islands should be included

in the World Conservation Strategy for

the Protection of Species.

Participants also decided that

islands should be included

in the World Conservation Strategy for

the Protection of Ecosystems.

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Dr Piergiovanni d'Ayala
Co-ordinator, Unesco/MAB Island Programme
Division of Ecological Sciences
Unesco
7, Place de Fontenoy
75007 Paris, France

Dr Frédéric Briand
Director, Ecology Programmes
IUCN
1196 Gland, Switzerland

Dr Arthur Lyon Dahl
Deputy to the Director
Oceans and Coastal Areas Programme Activity Centre
UNEP
P.O. Box 30522
Nairobi, Kenya

Prof. François Doumenge
Director, Oceanographic Museum
Avenue Saint Martin
98000 Monaco Ville, Monaco

Dr Jean-Pierre Doumenge
Research Director, CNRS
Department of Island Geography
University of Bordeaux
Bordeaux - Talence, France

Mr Jeremy Harrison
Head, Protected Areas Data Unit
World Conservation Monitoring Centre
219c Huntingdon Road
Cambridge CB3 0DL, United Kingdom

Prof. Vernon Heywood
Director, Botanic Gardens Conservation Secretariat
53 The Green
Kew, Richmond, Surrey TW9 3AA, United Kingdom

Dr Martin W. Holdgate
Director General, IUCN
1196 Gland, Switzerland

Dr Edward Towle
Director, Island Resources Foundation
Red Hook, Box 33
St Thomas, U.S. Virgin Islands 00802

3.4
CONFERENCE ON SMALL ISLAND DEVELOPMENT 1990
Malta

Organisers

Prof. David Drakakis-Smith, Dr. Douglas Lockhart
Dept of Geography
University of Keele
Keele
Staffordshire ST5 5BG
U.K.

NAMES AND ADDRESSES OF
OVERSEAS PARTICIPANTS

Mr. R. Adelaide, 83 Western Avenue, LONDON, W3 7ED UK.

Dr. E. Anderson, Department of Geography, University of Durham, Science Laboratories, South Road, DURHAM, DH1 3LE UK.

Dr. G.J. Ashworth, Department of Urban and Regional Planning, University Complex Paddepoel, Leeuwen 5, PO Box 800, 9700 AV Groningen, NETHERLANDS.

Dr. P.J. Atkins, Department of Geography, University of Durham, Science Laboratories, South Road, DURHAM, DH1 3LE UK.

Professor H. Bagole, Director, Extension Department - Institute of Island Studies, University of Prince Edward Island, CHARLOTTETOWN, CANADA C1A 4P3

Dr. C. Ballantyne, Department of Geography, University of St. Andrews, St. Andrews FIFE, KY16 9AL UK.

Dr. D. Barker, Department of Geography, University of West Indies, Mona Campus, Mona, Kingston 7, Jamaica.

Dr. Brian W. Beeley, Open University (S.E. Region), St. James's House, 150 London Rd, East Grinstead RH19 1ES, UK.

Dr. D. Boswell, Social Sciences Faculty, The Open University, Milton Keynes, MK7 6AA UK.

Professor R.N. Butler, Department of Geography, University of Western Ontario, London, Ontario, Canada N6A 5C2.

Dr. R. Chandra, Department of Geography, University of the South Pacific, P.O. Box 1168, Suva, Fiji.

Dr. W. Charlton, Christ Church College, University of Kent, Canterbury, CT1 1XP, UK.

Dr. J. Cornell, c/o Human Geography, RSPACS, Australian National University, Canberra, Australia.

Dr. J. Doherty, Department of Geography, University of St. Andrews, St. Andrews, Fife KY16 9AL, UK.

Professor David W. Drakakis-Smith, Department of Geography, University of Keele, Keele, Staffordshire ST5 5BTG, UK.

Dr. K.C. Goh, Department of Geography, Universiti Brunei Darussalam, Bandar Seri Begawan, Negeri Brunei Darussalam.

Dr. E. Graham, Department of Geography, University of St. Andrews, St. Andrews, Fife KY16 9AL, UK.

Dr. K. Grice, 14 Kilmorie Road, Forest Hill, London SE23 2ST, UK.

Dr. G. Hagenah, Winklersgang 2, 2360 BAD Segeberg, FEDERAL REPUBLIC OF GERMANY

Mr. G.L.K. Jambiya, Department of Geography, University of Dar es Salaam, PO Box 35049, Dar Es Salaam, TANZANIA

Mr. H. Jones, Department of Geography, The University, Nethergate, Dundee DD1 4IN UK.

Professor R. King, Department of Geography, Trinity College, Dublin 2 IRELAND.

Dr. A. Lemon, School of Geography, University of Oxford, Mansfield Road, OXFORD OX1 3TB UK.

Mr. J. Lewis, Visiting Fellow, University of Bath, C/O Datum International, 101 High Street, Marshfield SN14 8LT UK.

Dr. Douglas G. Lockhart, Department of Geography, University of Keele, Staffordshire ST5 5BG UK.

Dr. T. Marjoram, Senior Research Fellow, University of Melbourne, Development Technologies Unit, Faculty of Engineering, Parkville, Victoria 3052 AUSTRALIA.

Dr. N. Miskaram, Department of Geography, University of Papua New Guinea, Port Moresby, PAPUA NEW GUINEA.

Miss F. McGrath, Department of Geography, Trinity College, Dublin 2, IRELAND.

Dr. J.T. Parry, Director, Commonwealth Geographical Bureau, Department of Geography, McGill University, 805 Sherbrooke Street West, Montreal, Quebec H3A 2K6 CANADA.

Dr. M.R. Peart, Department of Geography and Geology, University of Hong Kong, HONG KONG.

Dr. S. Royle, Department of Geography, The Queen's University of Belfast, Belfast BT7 1NN NORTHERN IRELAND, UK.

Mr. A. Sammy, Managing Director, Sou-Sou Land Ltd, 53 Edward Street, Port of Spain, TRINIDAD, WEST INDIES.

Dr. V. Sit, Department of Geography, University of Hong Kong, HONG KONG.

Dr. M. Sofer, Department of Geography, Tel Aviv University, Ramat Aviv, 69978, Tel Aviv POB 39040, ISRAEL.

Dr. R. Thaman, Department of Geography, University of the South Pacific, PO Box 1168, SUVA, FIJI.

Ms T. Tongamo, Centre for Pacific Studies, University of the South Pacific, PO Box 1168, SUVA, FIJI.

Dr. R. Ulluwishewa, Department of Geography, University of Sri Jayewardenepura Kotte, Sri LANKA.

Dr. B.M. Welch, 3495 Mountain Street, APT 603, Montreal, Quebec H3G 2A5, CANADA