

*WorldFish Center*  
WorldFish Center  
*milestones, staff,*  
Milestones, Staff, Donors  
*donors and research*  
And Research Collaborators  
*collaborators*

## Milestones

The following table describes some major milestones in the development and operation of the WorldFish Center, from the conceptual phase to the present. These milestones highlight organizational changes and developments, such as the formal establishment of the Center, the establishment and closure of sites outside the headquarters, changes in Board Chair and Director General, and milestones which led to the entrance of the Center into the Consultative Group on International Agricultural Research. This table does not attempt to document the history of the Center's scientific achievements and developments, which will be the subject of a separate work to be produced over the coming years. It should be read in conjunction with the tables showing the names of founding staff, Board and consultants (1977-1980) and the names of program leaders, executives and functional heads from 1981 to the present day.

1973-1974	Conceptual phase: <ul style="list-style-type: none"><li>• The Rockefeller Foundation convenes a conference in October 1973, to review worldwide and regional needs in aquaculture and fisheries.</li><li>• 'A Proposal for the Creation of an International Center for Living Aquatic Resources Management (ICLARM)' is published in 1974. This working document was prepared by Dr John Pino, Rockefeller Foundation.</li></ul>
1975-1976	Exploratory phase: <ul style="list-style-type: none"><li>• Rockefeller Foundation Program, hosted by the University of Hawaii, commences in early 1975.</li><li>• Dr Philip Helfrich (USA) of the Hawaii Institute of Marine Biology, University of Hawaii, accepts the post of Center Director (January 1975-November 1976).</li><li>• Staff and consultants fly 650,000 km, visiting 500 individuals and 43 national agencies in 47 countries, developing long-range programs and selecting a suitable headquarters location.</li><li>• Research programs are set up with the following thrusts: Aquaculture, Traditional Fisheries, Resource Development and Management, Marine Affairs, and Education and Training.</li><li>• The Center produces its first publication in 1975.</li></ul>
1977	Establishment phase: <ul style="list-style-type: none"><li>• On 20 January 1977 'ICLARM' becomes an independent institution. Two months later the headquarters moved to Manila in the Philippines.</li><li>• The first Director General, Dr John C. Marr (USA), is appointed (November 1976-March 1979).</li><li>• Dr James E. Johnston (USA) is appointed first Board Chair (1977-1983).</li></ul>

- 1979 • Dr Ziad H. Shehadeh (Lebanon) is appointed Director General (July 1979-January 1982).
- 1980 • The first Center report is published, covering the establishment phase to 1980 (1977-1980).
- 1982 • Dr James E. Johnston (USA) is appointed Acting Director General (January-October 1982).  
• Dr Richard A. Neal (USA) is appointed Director General (November 1982-March 1985).
- 1983 • The Center seeks unrestricted core support from the Consultative Group on International Agricultural Research.
- 1984 • Dr Roy I. Jackson (USA) is appointed Board Chair (1984-1991).
- 1985 • The South Pacific office is established temporarily at James Cook University, Australia, in October.  
• Staff project position is established in Thailand at the end of 1985.  
• The Center presents a position paper on aquaculture and fisheries research to the Technical Advisory Committee of the Consultative Group on International Agricultural Research.  
• Dr Ian R. Smith (USA) is appointed Director General (June 1985 until his untimely death on 31 October 1989).
- 1986 • In January 1986, an agreement is signed with the Government of Solomon Islands and the Guadalcanal Provincial Government. In mid 1986, the first Center staff move to the Solomon Islands.  
• In April 1986 a planning mission is sent to Africa, and Malawi is chosen as a potential future project site in July 1986. A Memorandum of Understanding with the Government of Malawi is signed in October 1986.  
• Project staff are established in Indonesia in July 1986.  
• The Center highlights its first 10 years of work in its 1986 Annual Report.  
• The Technical Advisory Committee produces a review of aquaculture research priorities.
- 1987 • The Technical Advisory Committee debates the possibility of asking ICLARM to implement an international research program on aquaculture (genetics and integrated farming systems).
- 1988 • In the Solomon Islands, a giant clam hatchery becomes operational.  
• The World Bank grants core financial assistance to centers being considered for Consultative Group on International Agricultural Research affiliation.  
• Due to the serious illness of Dr Ian R. Smith (Director General), Mr Jay L. Maclean (Australia) is appointed Acting Director General (November 1988-April 1991).
- 1989 • In January 1989, the Indonesian project is closed.  
• In May 1989, the Center staff commence projects in Bangladesh.

- 1990
- In June 1990, the Center places project staff in Chile.
  - The Consultative Group on International Agricultural Research conditionally invites ICLARM to join it, in order to carry out international research on aquaculture and aquatic resource management. Admission into the system was conditional on the acceptance of a strategic plan for international fisheries research.
  - In December 1990, strategic planning begins.
- 1991
- In April 1991, project staff commence work in Sierra Leone.
  - Dr Kenneth T. MacKay (Canada) is appointed Director General (April 1991-April 1993).
  - Dr Peter Larkin (Canada) is appointed Board Chair (1991-1993).
  - In June 1991, project staff commence work in Ghana.
- 1992
- First External Program and Management Review of the Center is conducted by the Consultative Group on International Agricultural Research.
  - The Technical Advisory Committee endorses the Center's Strategic Plan ('Strategy for International Research on Living Aquatic Resources Management'), and the Center is admitted to the Consultative Group on International Agricultural Research in May 1992.
  - In December 1992, the Center's Chile project site is closed.
- 1993
- The Center's first Medium Term Plan (1994-1998) is submitted to the Consultative Group on International Agricultural Research.
  - In April 1993, the International Agreement is signed by several countries granting the Center international status.
  - Dr Barry Filshie (Australia) is made Acting Board Chair, and is succeeded by Professor John L. Dillon (Australia).
  - Dr Larry D. Stifel (USA) becomes Interim Director General (July 1993-April 1994).
- 1994
- In April 1994, Dr Meryl J. Williams (Australia) becomes Director General (April 1994-present).
  - In June 1994, the Ghana project is completed.
  - In September 1994, the Sierra Leone project is completed.
- 1995
- In February 1995, the Government of Egypt offers the Center the use of the Abbassa aquaculture research facility.
- 1996
- In March 1996, the Board of Trustees decides to accept the offer made by the Government of Egypt.
  - Two projects commence in the Caribbean, operating out of the British Virgin Islands and Jamaica.
- 1997
- In May 1997, the Center officially assumes responsibility for management of the Abbassa facility in Egypt.
  - Professor Kurt J. Peters (Germany) becomes Board Chair (1997-2002).
- 1998
- In January 1998, the Center assumes full responsibility for staff and facilities at Abbassa and commences its research program there.

- 1999**
- In February 1999, the Center's second External Program and Management Review is completed. The Board immediately decides to accept an offer made by the Government of Malaysia to move its headquarters to Penang in Malaysia.
  - This year becomes a transition year, as the Center begins relocation plans. It decides to retain a strong presence in the Philippines, selects offices at the International Rice Research Institute in Los Baños, and finalizes its negotiations with the Government of Malaysia.
  - In October 1999, the Center's new Strategic Plan 2000-2020 is released. In November 1999, the main Solomon Islands research facility (on the island of Guadalcanal) is placed under caretaker arrangements following an attack on the site and staff by a rebel group during increasing civil unrest in the country.
  - In December 1999, the Malaysian Government approves the headquarter agreements.
- 2000**
- On 17 January 2000, the headquarters agreement is signed with the Government of Malaysia.
  - On 15 February, the Center officially commences operations in Malaysia using temporary offices in Penang.
  - In March 2000, the Center officially hands back its main Solomon Islands research station to the Government but remains operational using its field station in Nuse Tupe, Western Province.
  - In March 2000, the Center officially begins using the public name ICLARM–The WorldFish Center.
  - In July 2000, project staff commence work in Vietnam.
  - In August 2000, project staff commence work in Cameroun, Africa.
  - In October 2000, demolition and construction work commenced on the new headquarters site at Batu Maung, Penang.
  - Several exploratory visits are made to Noumea, New Caledonia regarding the establishment of a regional South Pacific program through cooperation with the Secretariat of the Pacific Community and New Caledonia government agencies.
- 2001**
- On 30 May 2001, the Center officially takes possession of its new headquarters facility. Staff are relocated from the temporary Penang offices to the new facility in June 2001. On 13 August 2001, the new facility is inaugurated by the Deputy Prime Minister of Malaysia, Dato' Seri Dr Abdullah Badawi.
  - The first staff are employed at Noumea, New Caledonia.
- 2002**
- Professor Robert E. Kearney (Australia) becomes Board Chair (2002-present).
  - The Center marks the completion of its 25th year with the launch of the Fish for All Initiative at the Fish for All Summit on 3 November 2002 in Penang.
  - The Center begins using its new public name, WorldFish Center, in November 2002.

# *Founding staff, board and consultants*

*Information as was listed in the Center's first corporate report (1977-1980)*

## PROFESSIONAL STAFF

### PERMANENT APPOINTMENTS

Ziad H. Shehadeh, PhD, Lebanon, Fish Physiologist-Reproduction, Director General

Richard A. Neal, PhD, USA, Fishery Biologist, Deputy Director General

Angelito O. del Mundo, MSc, Philippines, Plant Pathologist, Director, Administrative Services

Ian R. Smith, PhD, USA, Economist, Associate Scientist (Traditional Fisheries/Economics)

Roger S.V. Pullin, PhD, UK, Marine Biologist, Associate Scientist (Aquaculture)

James C.-M. Kuo, PhD, USA, Fish Physiologist-Reproduction, Senior Scientist (Aquaculture)

John L. Maclean, MSc, Australia, Fishery Biologist, Chief Editor

Rosalinda M. Temprosa, BSE, Philippines, Librarian, Librarian

### STAFF AFFILIATES

Noel C. David, BSc, University of the Philippines, Philippines, Computer Sciences, Affiliate Scientist

### FIXED-TERM APPOINTMENTS

#### Postdoctoral Fellows

Kee-Chai Chong, PhD, Malaysia, Aquaculture Economics, 1979-1980

Kevin D. Hopkins, PhD, USA, Aquaculture, 1979-1981

Conner Bailey, PhD, USA, Sociology: Traditional Fisheries, 1979-1981

Daniel Pauly, PhD, France, Population Dynamics, 1979-1981

#### Pre-Doctoral Fellows

Sarah K. Meltzoff, MSc, USA, Anthropology: Traditional Fisheries, 1978-1981

#### Research Fellows

Virendra Pal Singh, PhD, Aquaculture, 1980-1982

Ofelia R. Galman, MSc, Aquaculture, 1980-1982

## Research Interns

Jose A. Ingles, MSc, Philippines, Population Dynamics, 1980-1982

Peter van der Heyden, BSc, Netherlands, Aquaculture, 1980

## RESEARCH ASSOCIATES

Dr Francis T. Christy Jr, Resources for the Future, Inc, USA, June 1977-March 1978

Dr Colin E. Nash, Oceanic Institute, Hawaii, September 1976-August 1977

## FORMER STAFF MEMBERS

Philip Helfrich, PhD, Director, January 1975-November 1976

John C. Marr, MS, Director General, November 1976-March 1979

Johanna M. Reinhart, MS, Director, Information Services, October 1977-August 1979

Stephen Ritterbush, MS, Program Coordinator, January 1975-July 1976

William Sellew, Director, Liaison Activities, July 1976-October 1979

## SUPPORT STAFF

### ADMINISTRATIVE SERVICES

Mrs Remedios Apostol, Chief Accountant

Ms Nenita Urmeneta, Accounting Clerk

Ms Arlene Balane, Accounting Clerk

Mr Ramon Estarez, Utility Aide

Mr Benjamin Bayron, Driver

Mr Espiridion Trafalgar, Driver

### INFORMATION SERVICE

Mr Jeremias Decena, Editorial Assistant II

Mr Lysander Garcia, Editorial Assistant I

Mrs Leticia Dizon, Typesetter II

Mrs Priscilla Calalang, Typesetter I

Mr Roberto Bugay, Draftsman  
Ms Elba Barile, Assistant Librarian  
Ms Helen de Castro, Assistant Librarian

### SECRETARIAT

Mrs Milagros Yrastorza, Secretary, Director General  
Mrs Erlinda Miralles, Secretary, Aquaculture  
Ms Nenita Jimenez, Secretary, Traditional Fisheries  
Mrs Marieta Veneracion, Secretary, Administrative Services  
Ms Ma Elena Silva, Secretary, Information Service

### CONSULTANTS

Mr Roy Baird, South Pacific Commission, October 1975  
Mr Wayne Baldwin, Hawaii Institute of Marine Biology, October 1975  
Mr Paul Beinfang, Oceanic Institute, Hawaii, April 1976  
Dr John Bardach, Hawaii Institute of Marine Biology, February-July 1975  
Dr Daniel Bromley, University of Wisconsin, Madison, Wisconsin, USA, 19 November 1979, January 1980  
Dr Gelia T. Castillo, University of the Philippines, Philippines, 7-9 June 1978  
Dr Hansa Chansang, Phuket Marine Biological Centre, Thailand, July-August 1978  
Mr David Crear, Environmental Consultants Inc, USA, September-October 1975  
Dr Donald K. Emmerson, University of Wisconsin, Madison, Wisconsin, USA, 7-9 June 1978  
Mr Glen Fredholm, Naval Architect, Hawaii, May-December 1975  
Dr Lim Tech Ghee, Universiti Sains, Penang, Malaysia, 7-9 June 1978  
Mr Harold Goodwin, National Oceanic and Atmospheric Administration, September 1975  
Dr Balfour Hepher, Agricultural Research Organization, Israel, July 1978  
Dr Veravat Hongkul, Marine Fisheries Laboratory, Department of Fisheries, Bangkok, Thailand, February 1978  
Dr Timothy Joyner, International Aquaculture Consultancy, USA, July and September 1975, April 1976  
Dr Robert Kearney, South Pacific Commission, Noumea, New Caledonia, September 1975-December 1976

Dr Harlan Lampe, University of Rhode Island, USA, February 1976 and 3-10 January 1980  
Dr John Liston, University of Washington, USA, September 1976-February 1977  
Dr Conrad Mahnken, National Marine Fisheries Service, USA, April 1976  
Dr Spencer Malecha, University of Hawaii, June 1976  
Mr John Marr, Mardela Fisheries, USA, April 1976  
Dr Nelson Marshall, University of Rhode Island, Kingston, Rhode Island, USA, September 1976-January 1977  
Dr Robert May, University of Hawaii, May-June 1976  
Mr Ron Mayo, Kramer, Chin and Mayo, USA, April 1976  
Dr Colin Nash, Oceanic Institute, Hawaii, August and September 1975, April 1976  
Mrs Hazel Nishimura, National Marine Fisheries Service, Southwest Fisheries Center, Honolulu Laboratory, Honolulu, Hawaii, USA, 2-14 September 1978  
Dr John Overton, Hawaiian Agronomics, Inc, USA, July-August 1975  
Dr Daniel Pauly, Institut für Meereskunde, Kiel, Federal Republic of Germany, 15 June-15 August 1978  
Dr Guy Rothwell, Oceanic Institute, Hawaii, April 1976  
Dr Gerald Schroeder, Agricultural Research Organization, Israel, March 1979, August 1979  
Dr Harry Senn, Washington State Department of Fisheries, USA, April 1976  
Dr Ziad Shehadeh, Food and Agriculture Organization of the United Nations, March 1976  
Dr John Spencer, International Aquaculture Consultancy, UK, April 1976  
Dr Philip Tortell, Duke University, USA, May 1976  
Mr William Travis, Ministry of Agriculture, Fisheries and Forests, Fiji, May-December 1975

### MEMBERS OF THE CORPORATION AND BOARD OF TRUSTEES

#### Members of the Corporation

Dr Manuel S. Alba, Deputy Budget Minister, Philippines  
Dr Max F. Day, Division of Forest Research, Commonwealth Scientific and Industrial Research Organization, Australia  
Dr James E. Johnston, The Rockefeller Foundation, USA

The Honorable Jose J. Leido, Jr, Ministry of Natural Resources, Philippines

Dr Jose D. Drilon, Jr, Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Philippines

#### Board of Trustees

Dr Ziad H. Shehadeh, ICLARM

Prof Otto Soemarwoto, Lembaga Ekologi, Universitas Padjadjaran, Indonesia

Dr H. Burr Steinback, Woods Hole Oceanographic Institution, USA

Mr Angelito O. del Mundo, ICLARM

Dr Harry T. Oshima, University of the Philippines, Philippines

#### Executive Committee

Dr Jose J. Leido, Jr, Chair

Dr Manuel S. Alba, Member

Dr Max F. Day, Member

Dr James E. Johnston, Member

Dr H. Burr Steinback, Member

### PROGRAM ADVISORY COMMITTEE

Dr John E. Bardach, The East-West Center, Hawaii

Dr Gelia T. Castillo, Department of Agricultural Education, University of the Philippines at Los Baños, Philippines

Dr Francis T. Christy, Jr, Food and Agricultural Organization of the United Nations

Prof James A. Crutchfield, Department of Economics, University of Washington, USA

Prof P.C. George, Ministry of Food and Agriculture, Department of Agriculture, India

Dr Edgardo D. Gomez, Marine Sciences Center, University of the Philippines, Philippines

Dean Rogelio O. Juliano, College of Fisheries, University of the Philippines, Philippines

Dr Peter A. Larkin, Institute of Animal Resource Ecology, University of British Columbia, Canada

Dr Lim Tech Ghee, Centre for Policy Research, Universiti Sains Malaysia, Malaysia

Dr A.H. Lindquist, Institute of Marine Research, Sweden

Dr John Liston, Institute for Food Science and Technology, University of Washington, USA

Dr Deb Menasveta, Training Department, Southeast Asian Fisheries Department Center, Thailand

Dr Garth I. Murphy, Commonwealth Scientific and Industrial Research Organization, Australia

Dr William E. Ripley, Division for Global Interregional Projects, United Nations Development Programme, USA

Dr Philip M. Roedel, Bureau for Technical Assistance, Agency for International Development, US Department of State, USA

Prof Sumardi Sastrakusumah, Faculty of Fisheries, Bogor Agricultural Institute, Indonesia

Dr Lucian M. Sprague, International Bank for Reconstruction and Development, USA

Dr James A. Storer, Office of Fisheries, Department of State, USA

Dr Ir Th J. Tienstra, Ministry of Agriculture and Fisheries, The Netherlands

Dr Klaus Tiews, Bundesforschungsanstalt für Fischerei, Germany

Dr David H. Wallace, National Oceanic and Atmospheric Administration, USA

## *Management team 1981 to October 2002*

**H**eads of programmes/major services and outreach sites, and members of executive management teams (1981 to September 2002). Names, titles, positions and dates as recorded in annual reports. Only minor modifications have been made where necessary.

### 1981

John L. Maclean, Chief Editor  
Angelito O. del Mundo, Director, Administrative Services  
Richard A. Neal, Director, Aquaculture Program  
Ian R. Smith, Director, Traditional Fisheries Program

### 1982

John L. Maclean, Chief Editor  
Angelito O. del Mundo, Director, Administrative Services  
John L. Munro, Director, Resource Development & Management Program (Commenced March 1982)  
Richard A. Neal, Director, Aquaculture Program  
Ian R. Smith, Director, Traditional Fisheries Program

### 1983

John L. Maclean, Chief Editor  
Angelito O. del Mundo, Director, Administrative Services  
John L. Munro, Director, Resource Development & Management Program  
Roger S. V. Pullin, Senior Scientist, In-charge of Aquaculture Program  
Ian R. Smith, Director, Traditional Fisheries Program

### 1984

John L. Maclean, Chief, Information Service  
Angelito O. del Mundo, Director, Administrative Services  
John L. Munro, Director, Resource Development & Management Program  
Roger S. V. Pullin, Director, Aquaculture Program  
Ian R. Smith, Director, Traditional Fisheries Program

### 1985

Brian A. Lockwood, Education & Training Program, Coordinator, Asian Fisheries Social Science Research Network  
Jay L. Maclean, Director, Information Program (Effective June 1985)  
Angelito O. del Mundo, Director, Administrative Services (Resigned)  
John L. Munro, Director, South Pacific (Australia) (Effective October 1985)  
Daniel Pauly, Acting Director, Resource Assessment & Management Program (Effective October 1985)  
Roger S. V. Pullin, Director, Aquaculture Program  
Jan Michael Vakily, Associate Scientist (Thailand) (Effective December 1985)

### 1986

John Balarin, Project Leader, Aquaculture Program, Africa (Malawi) (Effective 1 July 1986)  
Barry Costa-Pierce, Associate Scientist, Aquaculture Program, Indonesia (Effective 7 July 1986)  
Harlan C. Lampe, Education & Training Program, Coordinator, Asian Fisheries Social Science Research Network (Effective 1 October 1986)  
Brian A. Lockwood, Education & Training Program, Coordinator, Asian Fisheries Social Science Research Network (Until 31 October 1986)  
Jay L. Maclean, Director, Information Program  
John L. Munro, Director, South Pacific (Solomon Islands)  
Daniel Pauly, Director, Resource Assessment & Management Program  
Roger S. V. Pullin, Director, Aquaculture Program  
Basilio M. Rodriguez, Jr., Manager, Administration & Finance  
Jan Michael Vakily, Associate Scientist, Resource Assessment and Management Program, Thailand

### 1987

Harlan C. Lampe, Social Sciences, Coordinator, Asian Fisheries Social Science Research Network  
Jay L. Maclean, Director, Information Program  
John L. Munro, Director, South Pacific (Solomon Islands)  
Daniel Pauly, Director, Resource Assessment & Management Program

Roger S. V. Pullin, Director, Aquaculture Program  
Basilio M. Rodriguez, Jr., Director, Administration & Finance

#### 1988

John D. Balarin, Project Director, Africa Aquaculture Project  
Barry A. Costa-Pierce, Associate Scientist, Indonesian Reservoir Project  
Harlan C. Lampe, Coordinator, Asian Fisheries Social Research Network  
Jay L. Maclean, Director, Information Program  
John Munro, Director, Coastal Aquaculture Centre (South Pacific) - Solomon Islands  
Daniel Pauly, Director, Resource Assessment & Management Program  
Roger S. V. Pullin, Director, Aquaculture Program  
Basilio M. Rodriguez, Jr., Director, Administration and Finance

#### 1989

John D. Balarin, Project Director, Africa Aquaculture Project (Malawi)  
Chua Thia-Eng, Director, Coastal Area Management Program  
Modadugu V. Gupta, Aquaculture Specialist, Bangladesh Aquacultural Research Project  
Jay L. Maclean, Director, Information Program  
John L. Munro, Director, Coastal Aquaculture Centre, (South Pacific)- Solomon Islands  
Daniel Pauly, Director, Capture Fisheries Management Program  
Roger S. V. Pullin, Director, Aquaculture Program  
Basilio M. Rodriguez, Jr., Director, Administration & Finance

#### 1990

Max Agüero, Project Director, Socioeconomic Valuation of Coastal Resources of Southwestern Latin America (Chile)  
Mahfuzzudin Ahmed, Technical Coordinator, Socioeconomic Impact of Fish Culture Extension Program on the Farming System of Bangladesh  
John D. Balarin, Project Director, Africa Aquaculture Project (Malawi) (Resigned May 1990)  
Barry A. Costa-Pierce, Project Director, Africa Aquaculture Project (Malawi) (As of November 1990)  
Chua Thia-Eng, Director, Coastal Area Management Program

Modadugu V. Gupta, Agriculture Specialist, Bangladesh Agricultural Research Project

Jay L. Maclean, Director, Information Program

John L. Munro, Director, South Pacific Office, Coastal Aquaculture Centre (Solomon Islands)

Daniel Pauly, Director, Capture Fisheries Management Program

Roger S. V. Pullin, Director, Aquaculture Program

Basilio M. Rodriguez, Jr., Director, Administration & Finance

#### 1991

Max Agüero, Project Director, Socioeconomic valuation of coastal resources of southwestern Latin America (Chile)

Mahfuzzudin Ahmed, Project Leader, Socioeconomic Impact of Fish Culture Extension Program on the Farming Systems of Bangladesh

Barry A. Costa-Pierce, Project Director, Africa Aquaculture Project (Malawi)

Chua Thia-Eng, Director, Coastal Area Management Program

Modadugu V. Gupta, Project Leader, Bangladesh Agricultural Research Project

Jay L. Maclean, Director, Information Program

John L. Munro, Director, South Pacific Office, Coastal Aquaculture Centre, (Solomon Islands)

Daniel Pauly, Director, Capture Fisheries Management Program

Mark Prein, Project Leader, Research Collaboration between ICLARM and the Institute of Aquatic Biology, Ghana

Roger Pullin, Director, Aquaculture Program

Basilio M. Rodriguez, Jr., Director, Administration & Finance

#### 1992

Max Agüero, Project Director, Socioeconomic Valuation of Coastal Resources of Southwestern Latin America (Chile)

Mahfuzuddin Ahmed, Project Leader, Improved Management of Openwater Fisheries in Bangladesh

Randall E. Brummett, Project Director, Africa Aquaculture Project (Malawi) (From 1 December 1992)

Barry A. Costa-Pierce, Project Director, Africa Aquaculture Project (Malawi) (Until 31 October 1992)

Chua Thia-Eng, Director, Coastal Area Management Program

Modadugu V. Gupta, Project leader, Bangladesh Agricultural Research Project

### 1993

- Max N. Agüero, Research Scientist, Socioeconomic Valuation of Coastal Resources of Southwestern Latin America, Chile
- Johann Bell, Officer in charge, Aquaculture & Resource Enhancement in Coral Reef Ecosystems, Solomon Islands (Effective 27 March 1993)
- Randall Brummett, Research Scientist, Aquaculture Development in Africa, Malawi
- Chua Thia-Eng, Director, National Research Support Program
- John L. Maclean, Director, Information Division
- John L. Munro, Director, Aquaculture & Resource Enhancement in Coral Reef Ecosystems, Solomon Islands (Until 1 April 1993); Director, Coastal & Reef Resource Systems Program (From 1 April 1993)
- Daniel Pauly, Director, Life Sciences Division
- Roger S. V. Pullin, Director, Inland Aquatic Resource Systems Program
- Mark Prein, Research Scientist, Research for the Future Development of Aquaculture in Ghana
- Basilio M. Rodriguez, Jr., Director, Management Services Division
- Jan M. Vakily, Research Scientist, Research Cooperation between IMBO and ICLARM on the Establishment of a Fishery Database, Sierra Leone

### 1994

- Mahfuzuddin Ahmed, Research Scientist, Socioeconomic Impact of a Fish Culture Extension Program on the Farming Systems of Bangladesh
- Johann Bell, Officer-in-charge, Coastal Aquaculture Centre, Solomon Islands
- Randall Brummett, Research Scientist, Aquaculture Development in Africa, Malawi Office
- Modadugu V. Gupta, Senior Scientist, Agricultural Research Project II (Supplement) (Bangladesh)
- John L. Maclean, Director, Information Division
- John Munro, Director, Coastal & Coral Reef Resource Systems Program
- Daniel Pauly, Director, Life Sciences Division
- Mark Prein, Research Scientist, Research for the Future Development of Aquaculture in Ghana
- Roger S. V. Pullin, Director, Inland Aquatic Resource Systems Program
- Basilio M. Rodriguez, Jr., Director, Management Services Division

- Jan M. Vakily, Research Scientist, Research Cooperation between IMBO and ICLARM on the Establishment of a Fishery Database off Sierra Leone

### 1995

- Johann Bell, Officer-in-Charge, Coastal Aquaculture Centre, (Solomon Islands)
- Randall Brummett, Project Leader, ICLARM/Southern Africa Project (Malawi)
- Modadugu V. Gupta, Officer-in-Charge, Bangladesh Outreach Office
- John L. Munro, Director, Coastal & Coral Reef Resource Systems Program
- John L. Maclean, Director, Information Division
- Roger S. V. Pullin, Director, Inland Aquatic Resource Systems Program
- Basilio M. Rodriguez, Jr., Director, Management Services Division

### 1996

- Mahfuzuddin Ahmed, Program Leader, Policy Research & Impact Assessment Program
- Johann Bell, Program Leader, Coastal Aquaculture & Stock Enhancement Program, Solomon Islands
- Susan Bonetto, Associate Director General, Corporate Services Division (After June 1996)
- Randall Brummett, Project Director, Integrated Aquaculture-Agriculture Systems Program, Malawi
- Villy Christensen, Senior Scientist, Denmark Office
- Peter Gardiner, Deputy Director General (Programs)
- Ambekar Eknath, Program Leader, Germplasm Enhancement & Breeding Program
- Modadugu Gupta, Director, International Relations Office; Program Leader, International Partnerships & Networks Program
- John W. McManus, Program Leader, Aquatic Environments Program
- John Munro, Program Leader, Caribbean/France Office (British Virgin Islands)
- Joanna Kane-Potaka, Program Leader, Information & Training Program
- Mark Prein, Program Leader, Integrated Aquaculture-Agriculture Systems Program
- Roger S. V. Pullin, Program Leader, Biodiversity & Genetic Resources Program
- Basilio M. Rodriguez, Associate Director General, Corporate Services Division (Until June 1996)

Paul Thompson, Social Scientist, Policy Research & Impact Assessment Program, Bangladesh Office

Satyendra Datt Tripathi, Senior Aquaculture Specialist, Integrated Aquaculture-Agriculture Systems Program, Bangladesh Office

#### 1997

Mahfuzuddin Ahmed, Program Leader, Policy Research & Impact Assessment Program

Johann Bell, Program Leader, Coastal Aquaculture and Stock Enhancement Program, Solomon Islands

Susan C. Bonetto, Associate Director General, Corporate Services Division (Left 19 April 1997)

Randall E. Brummett, Project Director, Integrated Aquaculture-Agriculture Systems Program, Malawi Office

Marian Fuchs-Carsch, External Relations Director (Left 31 March 1997)

Rex A. Dunham, Program Leader, Germplasm Enhancement & Breeding Program (Effective 10 November 1997)

Ambekar Eknath, Program Leader, Germplasm Enhancement & Breeding Program (Left 31 December 1997)

Peter Gardiner, Deputy Director General Programs

Modadugu V. Gupta, Program Leader, International Relations Office; Program Leader, International Partnerships & Networks Program

James T. McMahon, Associate Director General, Corporate Services Division (Effective 2 May 1997)

John W. McManus, Program Leader, Aquatic Environments Program

John Munro, Program Leader, Fisheries Resources Assessment & Management Program Caribbean/Eastern Pacific Office (British Virgin Islands)

Joanna Kane-Potaka, Program Leader, Information & Training Program

Roger S. V. Pullin, Program Leader, Biodiversity & Genetic Resources Program

Mark Prein, Program Leader, Integrated Aquaculture-Agriculture Systems Program

Roger Rowe, Deputy Director General (Africa & West Asia) Egypt

Paul Thompson, Social Scientist, Policy Research & Impact Assessment Program, Bangladesh Office (Joined 15 January 1997)

Satyendra Datt Tripathi, Senior Aquaculture Specialist, Integrated Aquaculture-Agriculture Systems Program, Bangladesh Office (Effective 15 February 1997)

#### 1998

Mahfuzuddin Ahmed, Program leader, Policy Research & Impact Assessment Program

Johann Bell, Program Leader, Coastal Aquaculture & Stock Enhancement Program, Solomon Islands

Randall E. Brummett, Project Director, Integrated Aquaculture-Agriculture Systems Program, Malawi Office

Villy Christensen, Program Leader, Fisheries Resources Assessment & Management Program

Rex A. Dunham, Program leader, Germplasm Enhancement & Breeding Program

Peter Gardiner, Deputy Director General/Programs

Modadugu V. Gupta, Director, International Relations Office; Program Leader, International Partnerships & Networks Program

John W. McManus, Program Leader, Aquatic Environments Program

John Munro, Principal Scientist, Fisheries Resources Assessment & Management Program, Caribbean/Eastern Pacific Office

Joanna Kane-Potaka, Program Leader, Information & Training Program

Mark Prein, Program Leader, Integrated Aquaculture-Agriculture Systems Program

Roger S. V. Pullin, Program Leader, Biodiversity & Genetic Resources Program

Roger Rowe, Deputy Director General/Africa & West Africa, Regional Research Center for Africa and West Asia (Abbassa, Egypt)

Edward N. Sayegh, Associate Director General, Corporate Services Division

Paul Thompson, Social Scientist, Policy Research & Impact Assessment Program, Bangladesh Office

Satyendra Datt Tripathi, Senior Aquaculture Specialist, Integrated Aquaculture-Agriculture Systems Program, Bangladesh Office (Left 31 July 1998)

#### 1999

Mahfuzuddin Ahmed, Program Leader, Policy Research & Impact Assessment Program

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Villy Christensen, Program Leader, Fisheries Resources Assessment & Management Program

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Peter Gardiner, Deputy Director General/Programs

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Roger Rowe, Deputy Director General/ Africa & West Africa, Regional Research Center for Africa & West Asia (Abbassa, Egypt)

Edward N. Sayegh, Associate Director General, Corporate Services Division

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Mark Prein, Program Leader, Freshwater Resources Research

Edward N. Sayegh, Associate Director General, Corporate Services Division

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## *Research collaborators in 2002*

The efforts we have made to improve the lives of those who use and depend on living aquatic resources in the developing world would not have been possible without the hard work, dedication and collaborative efforts of all our research collaborators over the past 25 years.

Listed below are research collaborators for 2002:

Aquaculture and Aquatic Resources Management Program - Asian Institute of Technology (AIT)  
Aquaculture for Local Community Development Programme (ALCOM)  
Arab Organization for Agricultural Development (AOAD)  
Australian Centre for International Agricultural Research (ACIAR)  
Caribbean Community (CARICOM) Fisheries Resources Assessment and Management Program  
Coral Reef Alliance (CORAL)  
Caribbean: Planning for Adaption to Global Climate Change (CPACC)  
Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)  
Economy and Environment Programme for Southeast Asia (EEPSEA)  
Food and Agriculture Organization of the United Nations (FAO)  
FAO, Regional Office for the Near East  
Global Coral Reef Monitoring Network (GCRMN)  
Icelandic International Development Agency (ICEIDA)  
Intergovernmental Organization for Marketing Information & Technical Advisory Services for Fisheries Products in Asia & the Pacific Region (INFOFISH)  
International Coral Reef Initiative (ICRI)  
International Coral Reef Initiative - Coordinating and Planning Committee (ICRI-CPC)  
International Food Policy Research Institute (IFPRI)  
International Fund for Agricultural Development (IFAD)  
International Institute of Rural Reconstruction (IIRR)  
International Institute of Tropical Agriculture (IITA)  
International Rice Research Institute (IRRI)

International Water Management Institute (IWMI)  
Lake Victoria Fisheries Organization LVFO  
Marine Resources Assessment Group (MRAG) Ltd  
Mekong River Commission (MRC) Secretariat  
Multi-Sector Support Programme (MSSP)  
National Aquatic Research Systems (NARS)  
Programme for Integrated Development of Artisanal Fisheries in West Africa (IDAF)  
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Bangladesh Rural Advancement Committee (BRAC)  
Bangladesh Rice Research Institute (BRRI)  
Bangladesh Centre for Advanced Studies (BCAS)  
Caritas  
Center for Natural Resources Studies (CNRS)  
Department of Fisheries (DOF)  
Efforts for Rural Advancement (ERA)  
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Sunamganj Jonokallan Sangsta (SUJON)  
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Mekong River Commission (MRC)  
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Fundacion Natura  
The Nature Conservancy

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Food and Agriculture Organization (FAO)  
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## HONDURAS

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## HUNGARY

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Tata Energy Research Institute (TERI)  
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Indonesian Biodiversity Foundation (KEHATI)

Indonesian Fisheries Socioeconomic Research Network

Indonesian Institute of Science

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The Nature Conservancy

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## ITALY

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Overseas Fishery Co-operation Foundation of Japan (OFCF)

## LAO PDR

Global Association for People and the Environment (GAPE)

Lao National Mekong Committee Secretariat

Living Aquatic Resources Research Center (LaRReC/NARI)

Pakse Southern Agricultural College (PSAC)

Regional Development Coordination - Department of Livestock and Fisheries

Science, Technology and Environment Agency - Office of the Prime Minister

## MADAGASCAR

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Universite d'Antanarivo

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Action Aid (Malawi)

Chancellor College

Concern Universal

Danish International Development Assistance (DANIDA) - Malawi

Department of Fisheries

Malawi National Aquaculture Center

Mbowe Sustainable EcoFarming Project  
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Coastal Resources Institute, Prince of Songkla University  
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## TONGA

Ministry of Fisheries

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*C. Tan*

*Fishing boats at LKIM (Malaysian Council of Fisheries Development), Batu Maung not far from the WorldFish Center headquarters at Penang, Malaysia.*