



NEWS AND ANNOUNCEMENTS

AQUACULTURE TRAINING PROGRAM (1989)

**University of Hawaii at Manoa
Hawaii Institute of Marine Biology**

Our training program was established in 1986 to fulfill a need for technology transfer and information exchange between researchers and aquaculturists throughout the world. To date we have provided training to over 50 individuals from 16 countries.

Our primary emphasis is on penaeid shrimp culture which is the fastest growing aquaculture industry in the world. This program covers all aspects of the shrimp culture industry from site selection to shrimp marketing. We also have associated programs involving finfish and mollusc production for which customized training activities can be developed.

The next training session for the Marine Shrimp Program will begin in March 1989 and continue through May 1989. This program is conducted in three one month modules. Basic maturation and larviculture activities revolve around these one month time periods while nursery and growout activities require at least two months. A minimum of two modules is recommended although individuals with extensive experience may require only one and those desiring more experience should attempt to complete all three.

Hawaii is an excellent location for aquaculture training due to its tropical climate and the multi-ethnic arrangement of its population. The program of instruction is in English, although arrangements for tutors and interpreters can be made given advanced notice.

A second shrimp culture program is scheduled for this coming Fall, to run from September through November, 1989. For further information, please contact: Hawaii Institute of Marine Biology, University of Hawaii at

Manoa, P.O. Box 1346, Coconut Island,
Kaneohe, HI 96744-1346.

POSITION AVAILABLE

**Director of the Gulf Coast
Research Laboratory
Ocean Springs, Mississippi**

Applications and nominations are solicited for the position of Director of the Gulf Coast Research Laboratory, located in Ocean Springs, MS, on the Gulf Coast 65 miles from Mobile, AL and 90 miles from New Orleans. It is governed by the Board of Trustees of Institutions of Higher Learning of the State of Mississippi and administered through the University of Southern Mississippi, a comprehensive university with a growing academic and research program in marine science. GCRL is affiliated with nearly 50 academic institutions throughout the southern and central United States. Responsibilities of the position include leadership of approximately 140 faculty and staff involved in a variety of research, service, and educational activities in the marine and environmental sciences. The Director will be expected to exhibit leadership in program development, set operational and administrative policy for GCRL, maintain and strengthen relationships with local, state, and federal governmental agencies, and with private industry, and expand academic and general educational programs. The successful applicant should have a Ph.D. and a record of scientific accomplishments sufficient for appointment at the rank of professor, have demonstrated the ability to obtain extramural research funding, and have had administrative responsibilities which include program direction, supervision of personnel, and preparation of budgets.

Nominations and applications along with current resumes and the names and addresses of

four references should be submitted to: Chair, Director Search Committee, Gulf Coast Research Laboratory, P.O. Box 7000, Ocean Springs, MS 39564. The Search Committee will begin reviewing applications on February 15,

1989, although applications will be considered until the position is filled. The position is expected to be filled by July 1, 1989. Equal Opportunity Employer.



REPORTS OF MEETINGS

International Geographical Union (IGU) Commission on the Coastal Environment

Following a decision of the IGU general assembly, held in Sydney in August 1988 during the 26th international congress, the Commission on the Coastal Environment will continue its activity for the period 1988-1992.

R. Paskoff (France) was appointed chairman for a new term. N.P. Psuty (USA) is the vice-chairman and P. Fabbri (Italy) the secretary. Eight full members will assist the executive board: J.F. Araya-Vergara (Chile), J.Y. Chen (China), J.M. Dubois (Canada), A.C. Ibe (Nigeria), P. Kaplin (USSR), M.A. Marqués (Spain), A.D. Short (Australia), and L.C. So (Hong Kong). Adviser is the past chairman E.C.F. Bird (Australia).

The main objectives of the commission on the Coastal environment are: (1) to focus on the issue of coastal change induced by natural and anthropogenic factors on a short and long term basis; (2) to evaluate the human response to coastal change; (3) to apply combination of physical and human components of geography to study varied examples of dynamic coastal systems on a world wide scale. Several research projects and working papers dealing with these topics have already been launched.

A vehicle for information *The CCE Newsletter* is edited by Norbert P. Psuty (Center for Coastal and Environmental Studies, Rutgers-The State University of New Jersey, New Brunswick, NJ 08903, USA) and issued twice a

year. Every one who wants to receive the newsletter free of charge must write to the editor.

Several field symposia are scheduled: Portugal (May 1989), USSR (September 1989), Canada (April 1990), China (August 1990), The Netherlands (June 1991), France (September 1991), Tunisia (April 1992), USA (August 1992).

The tenth volume (1987-1990) of the *International Bibliography*, issued at four year intervals, will be published in 1992. The ninth volume (1983-1986) of this world wide source of citations on coastal geomorphology came out in 1988 as a special issue of *Informaciones Geograficas*. It is available from its editor, J.F. Araya-Vergara (Institute of Geography, Architecture Faculty, University of Chile, Santiago).

An *International Glossary*, representing an updated compilation of multilingual (English, French, German, Russian, Spanish) coastal terminology, is currently prepared by V. Gudelis (USSR) and M. E. Moreira (Portugal).

People willing to collaborate to the scientific program of the IGU Commission on the Coastal Environment are welcome. Join it!

Roland Paskoff
Chairman IGU-CCE
University of Lyon
Lyon, France