

University Links.

No 1. March 2002

Editorial

Welcome to the 'University Links' newsletter, a new initiative from the SUFER Project, Bangladesh involving the national universities in Chittagong, Dhaka, Khulna, Mymensingh and Rajshahi. The purpose of this electronic publication is to provide these universities with a means of communication, which will lead to an enhanced understanding of each other's activities and those of the international fisheries sector. From this a dialogue between individuals and departments should be established, which will engender a greater pool of knowledge and resources needed to meet the requirements of both national and international bodies for a quality research capability. Initially this publication will be directed at fisheries faculties, research institutes and related departments, but in the long term will be expanded to include other natural resource and socially focused establishments.

In recognition of the global nature of most research and the potential for accessing a vast store of international expertise and funding bodies, this *newsemail* will be distributed to organisations with a common interest throughout the world. These will include research institutions (private and public), NGOs, donors and extension agencies. Any recipient of this *newsemail* is welcome to forward it to interested individuals and groups.

The format of this publication will be developed by the SUFER Project for the next two editions then handed over to the universities to run on an annual rotational basis. Feedback on the title, style, content and value of this communication would be greatly appreciated. Similarly contributions from recipients in Bangladesh and abroad are welcome. It is also hoped that *University Links* will be used as a notice board for, workshops, conferences, calls for research proposal concept notes, research activities by similar overseas organisations and general areas of interest within the fisheries field. Please feel free to contribute.

This first edition outlines the function of the SUFER Project and provides a list of all university teachers who have received research awards from SUFER with details of their research topics. Future editions of *University Links* will provide updates on progress made under these awards. Abstracts of completed research will be made available through this medium, though it is not intended that this will in any way be a substitute for more formal avenues of publication. The e-mail address for each award holder is included so that direct communication can be established.

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Support for University Fisheries Education and Research (1999-2004)

The purpose of the SUFER Project is to increase the capability of public universities in Bangladesh through the development of human resources, skills and knowledge, to deliver quality graduates and provide poverty sensitive research to the aquatic resource sector.

These demand-led objectives are being achieved through a series of competitive teaching and research awards to assist fisheries programmes in selected departments of the universities of Dhaka, Rajshahi, Mymensingh (Bangladesh Agriculture University), Chittagong, and Khulna. Through financial support the Project is encouraging these universities to develop their areas of expertise, by the acquisition of well-equipped departmental lecture theatres and research laboratories, whilst establishing partnerships with national and international fisheries research institutes, NGOs and private enterprise. Opportunities also exist to award holders for overseas visits to develop teaching materials and seek expert guidance on areas of fisheries research.

These awards are available to participating universities on a competitive basis. There are 80, which support teaching programme development and 60 for research. The latter (worth approximately Taka 568,000 (£7,100) each) are undertaken individually or in collaboration with regional and/or international research institutes. Such awards are used to fund significant research initiatives, and can be extended to a total of three years. They may be used to acquire a higher degree. All research proposals are peer reviewed by appropriate internationally recognised authorities. Final selection is by a technical committee representing the universities, Department of Fisheries, Bangladesh Fisheries Research Institute, three Non Government Organisations and the private sector.

Local and international consultancies undertake institutional appraisals and provide training in teaching methods and research management. The SUFER project and the individual awards are subject to regular technical and financial monitoring to ensure quality, accountability, and transparency.

Chris Morrice and Dr A. B. Thompson

**RESEARCH AWARDS UNDER SUFER PROJECT / DFID-UGC
AUGUST 2000 TO MAY 2002**

Title of Research Project	Award Holders	Organisation	e-mail	Award Start Date	Status, comments, partners/ links
Management improvement of hatchery and brood stock of carps rohu, <i>Labeo rohita</i> , mrigal <i>Chirhina mrigala</i> , and catla, <i>Catla catla</i> .	Dr. M Sahfiuddin Shah	Professor, FMRTD, KU	ku@bdonline.com	1 Jun 2001	On-going BARDS
Identification of locally available low-cost feed ingredients and their suitability in prawn feed preparations for the poor farmers	Md. Ayaz Hasan Chisty	Assistant Professor, FMRTD, KU	sls@ku.khulnanet.net	1 Jun 2001	On-going PhD. USM, Penang
Optimum stocking density and species composition in the polyculture technique of Thai pangus (<i>Pangasius sutchi</i>) with carps and prawn	Dr. Khandaker Anisul Huq	Assistant Professor, FMRTD, KU	fmrtd@khulna.bangla.net	1 Mar 2002	
Fish preservation and processing activities by the fishermen community of Kuakata, a remote coastal area of Bangladesh	Dr. Khairul Azam	Professor, FMRTD, KU	azamku@bttb.net.bd	1 Jun 2001	On-going Local NGO, UPD
The fishermen community of Kuakata (a remote coastal area of Bangladesh): strategies for their sustenance in an era of globalisation	Dr. Mahmudul Hasan	Associate Professor, Urban & Rural Planning, KU	urpku@ku.khulnanet.net	1 Jun 2001	On-going Local NGO, FMRT
Studies on the abundance, population dynamics and reproduction of mud crab, <i>Scylla serrata</i> , from the Sundarban mangroves of Bangladesh and the importance of the fishery to the livelihoods of local communities.	Dipak Kamal	Associate Professor, FMRTD, KU	dkkamal@bttb.net.bd	May 2002	PhD AIT & Cantho University, Vietnam

Culture of over wintered carp fingerlings (<i>C. catla</i> , <i>L. rohita</i> and <i>C. mrigala</i>) in back yard ponds of rural Bangladesh	Dr. M. M. Abdul Quddus	Professor, Dept. of Zoology, DU	aquddus@du.bangla.net	1 Jun 2001	(Not yet started)
Some aspects of carp fry feeding behaviour in relation to handling processes.	Dr. M. Niamul Naser	Assistant Professor, Dept. of Zoology, DU	mnnaser@du.bangla.net	1 Mar 2002	
Population dynamics and management strategies for four indigenous fish in the River Titas, Brahmanbaria	Dr. Md. Sagir Ahmed	Assistant Professor, Dept. of Zoology, DU	sagir@du.bangla.net	1 Jun 2001	On-going ICLARM, PROSHIKA
Intensification of nursery system and development of a low-cost nursery diet for hatchery reared <i>Penaeus monodon</i> fry that could provide an alternative source of income for post larvae prawn collectors	Dr. Hossain Zamal	Professor, IMS, CU	zamal@ctgu.edu	1 Sep 2001	On-going Belly & Golden Shrimp Hatchery
Development of management strategies for culture-based fisheries in Bangladesh	Dr. M. R. Hasan	Professor, Dept. of Aquaculture, FF, BAU	mrhasan@citechco.net	1 Sep 2001	On-going Imperial College, London
The sustainability of Oxbow Lake Project II, its management and impact on the livelihood of the fisher folk in Bangladesh	Dr. Samsul Alam	Professor, Dept. of Cooperative and Marketing, BAU	sabau@mymensingh.net	1 Mar 2002	
Diagnosis and control of bacterial and fungal fish diseases in Mymensingh area	Dr. M. Bazlur Rashid Chowdhury	Professor, Dept of Aquaculture, FF, BAU	mbrchow@royalten.net	1 Sep 2000	Completed GRAMUS, CARE
Diagnosis and control of bacterial and fungal fish diseases in Mymensingh area – Phase II				1 Sep 2001	On-going
Improvement of food quality of traditional marine dried products using low cost solar tunnel drier.	Dr. Md. Kamal	Professor, Dept. of Fisheries Technology, BAU	kamal@royalten.net	1 Jul 2001	On-going BFRI

Fishing communities: credit and gender issues	Dr. Solaiman	Professor, Dept. Marketing, CU	Vc-cu@spnetctg.com	1 Aug 2001	On-going NRI-UK, CODEC
Fish marketing system from coastal areas of Bangladesh	Dr. A. N. M. Nurul Karim	Professor, Dept. Marketing, CU	Vc-cu@spnetctg.com	1 Aug 2001	On-going NRI-UK, CODEC
Institutional and socio-political context of coastal fishing communities in Bangladesh	Dr. Iftekhar U Chowdhury	Professor, Dept of Sociology, CU	image@spnetctg.com	1 Aug 2001	On-going
Development of value-added fish product from by-catch species and its role on the socio-economics of fishermen community	Dr. A. K. M. Nowsad Alam	Professor, Dept. of Fisheries Technology, BAU	nowsad@royalten.net	1 Sep 2001	Completed CODEC, Imperial College
Improvement of the socio-economic condition of coastal fishers through producing and marketing of value-added products from under utilised marine fish				Stopped for one year	
Improvement in Pangas farming by using Silver Carp (<i>Hypophthalmichthys molitrix</i>) and aquatic spinach to reduce the effects of eutrophication	Dr. Saleha Khan	Assistant Professor, Dept. of Fisheries Management, FF, BAU	salehamk@bdcom.net	1 Jan 2002	On-going
The sustainable livelihood approach to fish distribution and marketing systems in Gazipur, Bangladesh	Dr. Nesar Ahmed	Assistant Professor, Dept. of Fisheries Management, FF, BAU	ffbau@mymensingh.net	1 Jan 2002	On-going
Development of fry / fingerling nursing / rearing techniques for pabda (<i>Ompok pabda</i>).	Dr. Fazlul Awal Mollah	Professor, Dept. of Fisheries Biology and Genetics, FF, BAU	ffbau@mymensingh.net	1 Jun 2001	On-going

Study on the compensatory growth response of Thai pangus (<i>Pangacious suitchi</i>) and its potential benefit for rural fish farmers in Bangladesh.	Dr. Mostafa Ali Reza Hossain	Associate Professor, Dept. Fish Biology & Genetics, FF, BAU	ahmedg@royalten.net	1 Jan 2002	On-going
Study of inbreeding depression of rohu (<i>Labeo rohita</i>) in both hatchery and wild populations of Bangladesh by using allozyme electrophoresis.	Dr. Mukhlesur Rahman Khan	Assistant Professor, Dept. of Fisheries Biology & Genetics, FF, BAU	mukhles@royalten.net	1 Jan 2002	On-going
Impact of handling and transportation on the survival, health and growth of fish fry and fingerlings	Mr. Mahmudul Hasan	Lecturer, Dept. of Fisheries and Aquaculture, DU	aquafish@du.bangla.net	1 Jan 2002	On-going PhD, AIT Bangkok
Management of spawn fishery of major carp, (<i>Labeo rohita</i> , <i>Catla catla</i> , <i>Chirrhinus mrigala</i>) in the Halda river, Chittagong, Bangladesh	Dr. Mohammad Ali Azadi	Professor, Dept. of Zoology, CU	azadi@ctgu.edu	1 Mar 2002	

Glossary of abbreviations (Non Government Organisations {NGO} not included)

AIT	Asian Institute of Technology
BAU	Bangladesh Agriculture University
BFRI	Bangladesh Fisheries Institute
CU	Chittagong University
DU	Dhaka University
FF	Faculty of Fisheries
FMRTD	Fisheries and Marine Resource and Technology Discipline
KU	Khulna University
NRI	Natural Resource Institute
RU	Rajshahi University
UPD	Urban Planning Discipline
USM	University of Science in Malaysia