

CURRICULUM VITAE OF DR. MD. ABDUS SHAHID



1. Name : **DR. MD. ABDUS SHAHID**
2. Father's Name : Md. Azim uddin
3. Date of Birth : 01 December, 1954, Age : 50 Years
4. Mailing Address : Bangladesh Space Research and Remote Sensing Organization (SPARRSO), Mohakash Biggyan Bhaban, Agargaon, Sher-e-Bangla Nagar, Dhaka-1207, BANGLADESH
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Tel: 9113964(Off.), 8118739(Res.)
5. Nationality : Bangladeshi by birth
6. Field of Specialization : Remote Sensing Applications in Inland, Coastal & Offshore Fisheries; Coastal Shrimp Farming and Mangrove Denudation.
7. Language skill : Proficient in reading, writing and spoken English
8. Computer skill : Experienced in using the ERDAS Imagine, Imagine orthoBase, ARC/Info and Mapscan Softwares for Ortho-Rectification and Digital Analysis of Remote Sensing data and for Digital Mapping of Fisheries Resources, Land use Changes, Mangrove Deforestation etc.
9. Gender : Male Marital Status: Married

10. ACADEMIC QUALIFICATION :

- (i) **Ph.D**, Remote Sensing Applications in Coastal Shrimp Farming Area in Bangladesh, University of Dhaka, Bangladesh (1992).
- (ii) **Post Graduate Training on Remote Sensing Applications in the field of Fisheries** at the Institute de la Carte Internationale du la Tapis Vegital (ICITV), Universite Paul Sabatier, Toulouse, **FRANCE, 1983-84**.
- (iii) **M.Sc** (Aquaculture & Management), 1977, Bangladesh Agricultural University (BAU)
- (iv) **B.Sc (Hons)** in Fisheries, 1976, Bangladesh Agricultural University (BAU)

11. WORKING EXPERIENCES

Interpretation and analysis of Landsat (MSS, TM & ETM), SPOT, RADARSAT,IRS & ADEOS-1 satellite data and aerial photographs (infrared and black & white) for identification , monitoring and mapping of water bodies for sustainable fisheries development and management. Also applying remote sensing data for mapping of coastal mangrove forest, environmental monitoring, landuse survey etc.

Integration of remote sensing and geographic information system (GIS) to identify potential areas for sustainable community based participatory development of inland, coastal as well as offshore fisheries.

Applying remote sensing technology in the field of fisheries and allied natural resources of Bangladesh using available remote sensing equipment like Stereoscope, Map-o-Graph, Procom-II, Stereocord G3, Planvariograph, Zoom Transferscope, Density Slicer, Pentograph, Polar and Digital planimeter etc.

Working on **PC based ERDAS IMAGINE image** processing and **ARC/INFO GIS** systems for digital image processing and GIS application.

Using **Four Channel Radiometer (model 100AX)**, Water Analysing Kit box of Hach Direct-Reading Engineer's Laboratory(model DR-EL/4), Digital pH meter for field data collection.

12. PUBLICATIONS

A. List of Publications in the National and International Journal:

1. **Shahid M. A.**, Ahmad Sayeed, Hossain,T.I.M.T., Rahman H.,Sarkar M.H., Ahmad A.N., **1997**, Remote Sensing and GIS for Suitable Shrimp Farming Area Selection in Bangladesh, **Journal of Remote Sensing and Environment**, vol. 1, 27-41, 1997, SPARRSO, Bangladesh.
2. Rahman, H., **Shahid, M. A.**, Zahedul Islam and Sukumar Datta, 1996, Effect of Suspended Sediments on the Reflectance Characteristics of Water in Landsat TM Visible and Near-infrared Bands, **ITC Journal, the Netherland**, vol. 3, no. 4, 300-304.
3. Haque, A., Rezaul Karim and **Shahid, M. A.** 1997, Geographical Information System for Potential Coastal Shrimp Farming Area Selection in Bangladesh, **Oriental Geographer** (Special GIS Volume),vol. 41,no.1,33-47,1997, Bangladesh Geographical Society, Dhaka.
4. Salam M.A., Ali S. and **Shahid M. A.**, **1994**, Application of Remote Sensing Technique for Assessing Water Quality of the River Buriganga, **Bangladesh Journal of Life Sciences,Vol. 6, No. 2**, December 1994, pp1-5.

5. **Shahid, M. A.,** Pramanik, M.A.H.and Shahadat Ali, **1992**, Remote Sensing Applications in Coastal Shrimp Farming and Agricultural areas, **ASIAN-PACIFIC REMOTE SENSING JOURNAL,Bangkok,Thailand, 4(2):1-16.**
6. **Shahid, M. A.,** Pramanik, M.A.H. Jabbar, M. A and Shahadat Ali, **1992**, Remote Sensing Application to Study Coastal Shrimp Farming Areas in Bangladesh, **Geocarto International a Multi-disciplinary Journal of Remote Sensing, Hong Kong, 7(2):5-13.**
7. Pramanik, M.A.H., Ali, A., Quadir, D. A., Rahman, A., **Shahid, M. A.** and Hossain, M.D., **1987**, Conference Report on "Regional Seminar on the Application of Remote Sensing Techniques to Coastal Zone Management and Environmental Monitoring", Dhaka, Bangladesh,18-26 November 1986, **International Journal of Remote Sensing, 8(4):659-673.**
8. **Shahid, M.A., 2003**, Impacts on Denudation of Mangrove Forest Due to Shrimp Farming in Bangladesh Coastal Region, accepted for publication in the **Journal of Remote Sensing and Environment**, SPARRSO , Dhaka, 2003.
9. **Shahid, M. A., 2003**, Microwave Remote Sensing for Monitoring Seasonal Fluctuation of Water Areas in Sylhet-Mymensingh Basin, accepted for publication in the **Journal of Remote Sensing and Environment**, SPARRSO, Dhaka, 2003.
10. **Shahid, M. A., 2003**, Microwave Remote Sensing for Monitoring Seasonal Fluctuation of Water Areas in the Tanuar Haor, Sunamganj, Sylhet, accepted for publication in the **Journal of Remote Sensing and Environment**, SPARRSO, Dhaka, 2003.
11. **Shahid, M. A , 2003**, Mangrove Forest and Aquaculture, submitted for publication in the Aquaculture Compendium , organizing for publication by CABI (U.K.) under the **Support for University Fisheries Education and Research (SUFER) project of the University Grant Commission.**
12. **J. Islam, Shahid M. A. and Howlader A.,H., 2003**, Ecology Rehabilitation of the Chakaria Sundarban, paper submitted for publication in the Bangladesh **Journal of Forest Science**, FRI, Chittagang.