

CURRICULUM VITAE

Dr. Lubna Alam

Fellow

Institute for Environment and Development (LESTARI)

Universiti Kebangsaan Malaysia (UKM)

43600 Bangi, Selangor, Malaysia

Tel : +06-03-8921-7656 (Office),

+06-0146420690 (H/P)

E-mail : lubna_762120@yahoo.com or lubna@ukm.edu.my

RESEARCH ITERESTS

- Chemical risk assessment and management
- Marine radiochemistry
- Fisheries
- Aquaculture
- Water quality monitoring
- Integrated water resource management
- Environmental pollution
- Climate change
- Coastal Management
- Marine pollution

FORMAL EDUCATION

Degree, Year and Institution	Thesis Title	Result
PhD University Kebangsaan Malaysia Supervisor : Prof. Che Abd Rahim Mohamed	Radioecology of Polonium-210 and content of heavy metals in Kapar coastal area and risk assessment of seafood consumption	Completed on Semester II of the session 2011/2012
Master of Science (Marine Science), 2007 University Kebangsaan	Variability of calorific values and their relationship to the maturity stages of demersal fish species	Grade point 3.74 (Out of 4)

Malaysia Supervisor: Prof. Mazlan Abd. Ghaffar.		
Bachelor of Science (Fisheries), 2004 Rajshahi University, Bangladesh Supervisor: Dr. Saleha Jesmin	A Limnological Study Between Lotic And Lentic Water Bodies At Rajshahi	1st Class
Higher Secondary School Certificate Examination (Science group, 2000 Thakurgaon Govt. College, Bangladesh		1 st division
Secondary School Certificate Examination (Science group), 1998 Thakurgaon Govt. Girls' High School, Bangladesh		1 st division with star marks

PROFESSIONAL TRAINING

- 23-26 February, 2005 : Training on “Aquaculture, Extension and Training Methodology” for University students, North-West Fisheries Resources and Management Project- (Phase-III), Parbartipur, Dinajpur. Bangladesh
- 12-18 March, 2005 : Training on “Fisheries Extension”, at Bholahat Upazila Complex, Chapai Nawabganj. Bangladesh
- 28-31 January, 2008 : Course on operation of Apex-Alpha Spectroscopy System organized by Commermega Sdn. Bhd.

PUBLICATIONS

Published Articles

Journals

1. **Lubna Alam & Che Abd Rahim bin Mohamed.** 2011. Natural radionuclide of Po-210 in the edible seafood affected by coal-fired power plant industry in Kapar coastal area of Malaysia. Environmental Health. 10:43.

2. **Lubna Alam** & Che Abd Rahim bin Mohamed. 2011. A mini review on bioaccumulation of ^{210}Po by marine organisms. *International Food Research Journal*. 18: 1-10.
3. **Lubna Alam**, Nik Azlin nik ariffin, Afiza Suriani Sarimin & Che Abd Rahim bin Mohamed. 2011. A study on the activity concentration of Po-210 in the marine environment of Kapar coastal area. *The Journal of Tropical Marine Ecosystem*. 1: 1-8.
4. **Lubna Alam** & Che Abd Rahim bin Mohamed. 2012. Development and Evaluation of Multiple Regression Model for Prediction of Carcinogenic Risk. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 3(1): 411-419.
5. **Lubna Alam**, Che Abd Rahim Mohamed & Mazlin Bin Mokhtar. 2012. Accumulation pattern of heavy metals in marine organisms collected from coal burning power plant area of Malacca Strait. *ScienceAsia*. 38: 331–339.
6. **Lubna Alam**, Mazlan Abd. Ghaffar, Mazlin Bin Mokhtar and Md. Azizul Bari. 2013. Length-weight relationships of demersal fishes from the South China Sea of Malaysia. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 4 (1): 59-66.
7. **Lubna Alam**, Mazlan Abd Ghaffar and Mazlin Bin Mokhtar. 2013. A Study on the Variability of Calorific Values and Their Relationship to the Maturity Stages of Demersal Fish Species. *World Applied Sciences Journal* 24 (7): 889-894.
8. Biplab Kumar Shaha, Md. Mahmudul Alam, H.M. Rakibul Islam, **Lubna Alam**, Alokesh Kumar Ghosh, Khan Kamal Uddin Ahmed and Mazlin Mokhtar. 2014. Assessment of Gear Efficiency for Harvesting Artisanal Giant Freshwater Prawn (*Macrobrachium Rosenbergii* de Man) Fisheries from the Sundarbans Mangrove Ecosystem in Bangladesh. *Journal of Applied Science and Agriculture* 9(2): 1126-1139.
9. **Lubna Alam**, Mazlin Bin Mokhtar, Md. Mahmudul Alam, Md. Azizul Bari, Goh Choo Ta, Lee Khai Ern and Nicholas Kathijotes. 2015. Assessment of Environmental and Human Health Risk for Contamination of Heavy Metal in Tilapia Fish Collected from Langat Basin, Malaysia. *Asian Journal of Water, Environment and Pollution*, Vol. 12, No. 2 (2015), pp. 21–30.
10. Md Istiaque Hossain, Suraia Sarmin, Md. Mahmudul Alam, **Lubna Alam**, Mazlin Mokhtar and M.A. Samad, (2015), FOOD AND FEEDING HABIT OF ASPIDOPARIA MORAR: A STUDY ON PADMA RIVER IN NORTHWESTERN BANGLADESH, *Trends in Fisheries Research*. Vol 4 (1) pp: 2319–4758.
11. Biplab Kumar Shaha, Md. Mahmudul Alam, H. M. Rakibul Islam, **Lubna Alam**, Alokesh Kumar Ghosh, Khan Kamal Uddin Ahmed, Mazlin Mokhtar, (2014), ASSESSMENT OF EXTERNAL SUPPORTS FOR HARVESTING ARTISANAL GALDA (*MACROBRACHIUM ROSENBERGII* DE MAN) FISHERIES FROM THE SUNDARBANS MANGROVE ECOSYSTEM IN BANGLADESH, *International Journal of Lakes and Rivers*. Volume 8 (1): 1-23
12. **Lubna Alam**, Mazlin Bin Mokhtar, Md. Mahmudul Alam, Md. Azizul Bari, Nicholas Kathijotes, Goh Choo Ta and Lee Khai Ern, (2015), SEASONAL VARIATION AND PRELIMINARY RISK ASSESSMENT OF TRACE ELEMENT POLLUTION IN SURFACE WATER FROM LANGAT RIVER, MALAYSIA, *International Journal of Applied Environmental Sciences*. Vol 10 (1): 19-40.

13. Lubna Alam, Che Abd. Rahim Mohamed, Nik Azlin Nik Arifin & Mazlin Bin Mokhtar , (2015), A study on seasonal variations of Po-210 levels in a coal burning power station area of Malaysia, *Indian Journal of Geo-Marine Sciences*, 44 (3): 1-8.
14. Ahmed Minhaz Farid, Alam Lubna, Ta Goh Choo, Mohamed Che Abd Rahim and Mokhtar Mazlin, (2016). A review on the chemical pollution of Langat River, Malaysia. *Asian Journal of Water, Environment and Pollution*, 13 (1): 9-15.
15. MG Rasul, Mir Sujaul Islam, FM Yahaya, Lubna Alam, Mazlin bin Mokhtar (2015). Effect of anthropogenic impact on water in Bertam catchment, Cameron Highlands, Malaysia. *International Journal of Ecology and Environmental Sciences*. 41 (1-2): 75-86.

Chapters in Books

1. **Lubna Alam & Che Abd Rahim bin Mohamed.** 2010. "Polonium." Chapter of the book on *Radionuclides in the Environment*. Editor, David A. Atwood, University of Kentucky, Kexington, KY, USA.
2. **Lubna Alam & Mazlan Abd. Ghaffar.** 2008. "Variability of calorific values and their relationship to the maturity stages of demersal fish species." Chapter of the book on *Malaysia Marine Ecosystem: The Studies of Johor Darul Takzim East Coast*. EKOMAR, Universiti Kebangsaan Malaysia.
3. Nicholas Kathijotes, Lubna Alam, Artemis Kontou. 2015. *Aquaculture, Coastal Pollution and the Environment*. Aquaculture Ecosystems, Wiley-Blackwell.

Current Projects:

1. Developing a framework for the characterization of carcinogenic chemicals in drinking water. 01/12/2014-30/11/2016.
2. Study on the usage of domestic water filtration systems and carcinogenic risk in Langat River basin, Malaysia. 01/08/2014-31/07/2016.
3. Vulnerability and adaptation assessment due to the impacts of sea level rise on fisheries sector. 04/01/2016-03/01/2019.