

SOUMYADEEP MUKHOPADHYAY M.SC, M.TECH, PHD

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ECONOMICS STUDENT WITH EXPERIENCE IN ENVIRONMENTAL RESEARCH & CONSULTANCY

Soumyadeep is currently doing Masters in Natural Resource Economics & Policy from NUI Galway. Having studied environmental science and technology over the past decade, he is of the impression that sustainability is determined not by availability of green technologies, but by the market dynamics and policy making. Thereby, in order to achieve domain knowledge into the market forces, he is undertaking his study on economics. Having research and consultancy experiences across countries and cultures, he is willing to start his career afresh in the field of economics, audit, finance or technology consultancy. Graduate position in a consultancy firm will give him the opportunity to acquire a good training in the trade, putting his research and analytical skills into good use. He is a fast learner, a team player and is always willing to pick up new skills under challenging circumstances, proven by his accomplishment of several academic degrees in pursuit of knowledge.

EDUCATIONAL QUALIFICATION

- Pursuing **M.Econ.Sc** (2017-18) in Natural Resource Economics & Policy at NUI Galway
- **Ph.D** (2010-2014) in Environmental Technology from Univ of Malaya & Queen's Univ Belfast
- **M.Tech** (2007-2010) in Safety & Occupational Health Engg from BESU, India (1st class, 74%)
- **M.Sc** (2005-2007) in Environmental Science from University of Kalyani, India (1st class, 72%)
- **B.Sc (Hons)** (2002-2005) in Chemistry from St Xavier's College, Calcutta University, India (2.1)

JOB EXPERIENCES

CONSULTING DESIGN ENGINEER, SCIENTIFIC EVENTS LTD (UK), Jan 2017- present

- Providing innovative solutions on sustainable water treatment technologies in Asia
- Baseline survey, site selection, design, procurement and installation of water treatment plants
- Coordination between participating partners across UK, India, Bangladesh, Malaysia & Mexico
- Attended a training on "Practical GIS Introduction", at Ryan Institute, NUI Galway
- Participation in 2 international collaborative projects:
 - Delivering arsenic free water to communities in India, Newton-Bhaba project
 - Water treatment plant at Comilla, Bangladesh by Bright Green Energy Foundation

POST-DOCTORAL RESEARCH FELLOW, UNIVERSITY OF MALAYA, Jul 2014- Dec 2016

- Published 4 scientific articles in ISI Q1 and Q2 journals and filed for 1 patent (soil remediation)
- International collaboration between UK, India and Malaysian institutes
- Actively participated in at least 5 conferences, 10 research meetings and 2 short courses
- Involved in project assessment, course material preparation and undergraduate teaching
- Supervised postgraduate research projects
- NEBOSH IGC Certification (UK), February 2015
- Functional in winning and completion of 2 competitive project funding:
 - Integrated water resources mgmt & planning in Malaysia- Newton project
 - Affordable and serviceable iron filter for rural community (PR002-2015A)

RESEARCH ASSISTANT, UNIVERSITY OF MALAYA, Jul 2010- Jun 2014

- Published 5 scientific articles in ISI Q1 and Q2 journals
- Awarded 1st place in University of Malaya 3-Minute Thesis Competition at Faculty of Engg
- Attended course on "Taguchi Method for Process & Product optimization" organized by IEEE, Malaysia
- Actively participated in at least 10 conferences and 6 research meetings
- Involved in project assessment, course material preparation and undergraduate teaching
- Supervised postgraduate research projects
- Invited lecture at University of Malaya Researchers' Conference 2013
- Participated in 4 environmental research projects:
 - In-situ remediation of groundwater contaminants (UMQUB6A-2011)
 - Heavy metal removal from groundwater by low-cost technology (THEQS2010A)
 - Remediation of Contaminated Soil & Groundwater (PV102-2011A)
 - In-Situ Remediation of Contaminated Soil & Groundwater (PS100-2010B)

PARTNER, CONSULTING PROFESSIONAL & ENV SERVICES, KOLKATA, Jul 2009-Jun 2010

- Conducting consultation and third party HSE audit. This was my entrepreneurial attempt.

- Organizing and managing day to day operational aspects of the organization
- Marketing, advertisement and expert liaison
- Certificate course on "Risk assessment in Chemical Process Industries" Jadavpur University, India
- Organized "Industry-Academia Partnership on Health & Safety at Workplace" at BESU, 2009

TEAM LEADER, RAMAKRISHNA VIVEKANANDA MISSION, Oct 2008-Jun 2009

- World Bank Project on "Subterranean Arsenic Removal" (DM 06-880) (www.insituarsenic.org)
- Lead a team of 20 office and field staff and report to the Secretary of the RKVM
- Liaison with World Bank and EU partners for financial and research collaborations
- Preparation of project reports and analyze the obtained data
- Ensuring that the construction work follows deadlines agreed upon and the project ends in time
- Project completed successfully and won a number of accolades, including:
 - 2009: IChemE, UK Dhirubhai Ambani Award
 - 2009: THE Outstanding Engineering Research Team Award
 - 2010: DelPHE British Council Grant (Arsenic Awareness Campaign) Cambodia
 - 2010: St Andrew's Prize for the Environment (St Andrew's Univ & Conoco Philips)
 - 2011: Innovation Award for Remediation Technology - UK Env & Energy Award
 - 2012: Energy Globe World Award for Water - Energy Globe Foundation Austria
 - 2012: National Green Apple Award - Green Organization, UK
 - 2015: Newton- Ungku Omar Fund- British Council Institutional Link Prog
 - 2016: Newton Fund - India-UK Collaborative Industrial Research & Devp Prog

SOFTWARE SKILLS

MS Office	CorelDraw	SPSS	Origin Pro	STATA	Scientific Workplace
Design Expert	SmartDraw	GanttProject	AutoCad 2D & 3D	WinLab 32	ArcGIS
Web Designing	EPANET	ChemSketch	Visual MODFLOW		

INSTRUMENTATION SKILLS

- ICP-OES ● Zetasizer ● Hach Hydrolab ● FT-IR Spectrophotometer ● X-Ray Diffraction (XRD) ● Scanning Electron Microscope (SEM) image processing ● Surface Tensiometer ● Viscometer ● BOD/COD/DO ● Sonicator ● High Volume Sampler ● UV-Vis Spectrophotometer ● pH/conductivity meter, etc

OTHER ACTIVITIES

- Proposal reviewer for UK Research Council
- Peer reviewer of academic journals: Journal of Environmental Management, Frontiers of Env Science and Engineering, Advances in Water Resources, Ecotoxicology and Env Safety
- Founding member of the Faculty of Engineering Post Graduate's Club, UM (FPCUM), 2012-14
- "Publication & Communications-in-charge" of UM Chemical Engg Post Graduate's Club, 2012-15
- "Website Moderator" & "Publications-in-charge" of Kalyani University Env Science Alumni Association
- Held 1st position in the "24th Regional Rural Eco-Development Training Camp" organized by "School of Fundamental Research" Regional Resource Agency (NEAC, MoEF) at Bankura for 9 days.

PUBLICATIONS

14 ISI cited articles, 24 conference papers and 7 project reports. Google h-index = 8, citation >500
 For further details, please visit <https://scholar.google.com/citations?user=RDUAVPIAAAJ&hl=en> ; ORCID
<http://orcid.org/0000-0002-1838-2815>

ONLINE PROFILES

LINKED IN: <http://my.linkedin.com/pub/soumyadeep-mukhopadhyay/19/ba8/135>
 RESEARCH GATE: http://www.researchgate.net/profile/Soumyadeep_Mukhopadhyay/
 RESEARCHER ID: <http://www.researcherid.com/rid/B-1352-2011>
 FACEBOOK: <https://www.facebook.com/soumya.tublu>

References: Prof Bhaskar Sen Gupta OBE (b.sengupta@hw.ac.uk); Dr Thomas Rensburg (thomas.vanrensborg@nuigalway.ie); Prof Xinmin Zhan (xinmin.zhan@nuigalway.ie); Prof Ir Mohd Ali Hashim (alihazim@um.edu.my); Dipal C.Barua (dipal@greenenergybd.com)

Dated: October, 2017

Soumyadeep Mukhopadhyay

