

SOUMYADEEP MUKHOPADHYAY M.SC, M.TECH, PHD

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ECONOMICS STUDENT WITH EXPERIENCE IN ENVIRONMENTAL RESEARCH & CONSULTANCY

Doing Masters in Natural Resource Economics & Policy from NUI Galway
10 years' international experience in research & consultancy in the water treatment and green technology
Data analysis, research methodologies and technical writing skills with multidisciplinary approach
Strong collaborative approach across continents and cultures with intensive stakeholder engagement
Focused on commercial side of green technology, econometric analysis and policy making
Proven project management skills: Involvement in 10+ international projects
Organisation and management skills- Strategy, feasibility & Risks/Opportunities Assessment

EDUCATIONAL QUALIFICATION

- **M.Econ.Sc** (2017-18) in Natural Resource Economics & Policy at NUI Galway, expected 2.1
- **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 AND COUNTRY LEAD, SCIENTIFIC EVENTS LTD (UK), Jan 2017- present

- Pioneering innovative solutions on sustainable water treatment technologies in Asia
- Coordinating between partners across UK, India, USA, Bangladesh, Malaysia & Mexico
- Handling baseline survey, site selection, design, procurement & installation of water treatment plants
- Organising public awareness campaign and seminars
- Secured 2 international collaborative projects in India and Bangladesh. More in pipeline.

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

- Collaborated between UK, India and Malaysian research partners
- Spearheaded at least 5 conferences, 10 research meetings and 2 short courses
- Facilitated several project assessments, course material preparation and undergraduate teaching
- Supervised 3 postgraduate research projects
- Completed NEBOSH IGC Certification (UK) in February 2015
- Achieved 2 competitive project funding: Malaysia- Newton project (UK) & Malaysia PRGS project

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

- Awarded 1st place in University of Malaya 3-Minute Thesis Competition at Faculty of Engg
- Facilitated at least 10 conferences and 6 research meetings
- Participated in several project assessments, course material preparation and undergraduate teaching
- Supervised 4 postgraduate research projects
- Participated in 4 UK-Malaysia environmental research projects on water & soil treatments

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

- Negotiated consultation and third party HSE audit. This was my entrepreneurial attempt.
- Managed day to day operational aspects of the organization
- Engineered the marketing, advertisement and expert liaison
- Organised a conference on "Industry-Academia Partnership on Health & Safety at Workplace"

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

- Led World Bank Project on "Subterranean Arsenic Removal" (DM 06-880) (www.insituarsenic.org)
- Spearheaded a team of 20 office and field staff to finish installation and run 6 arsenic treatment plants
- Liaised with World Bank regarding funding and deliverables
- Coordinated among several Indian and EU partners (from UK, Spain, the Netherlands & Germany)
- Organised public awareness campaign and seminars
- Prepared project reports, analysed obtained data & produced a 45-minute documentary
- Expedited the construction work to follow deadlines
- Achieved international accolades, including: IChemE, UK Dhirubhai Ambani Award (2009), THE Outstanding Engineering Research Team Award (2009), DelPHE British Council Grant Cambodia (2010), St Andrew's Prize for the Environment (2010), Innovation Award for Remediation Technology - UK Env & Energy Award (2011), 2012: Energy Globe World Award for Water - Energy Globe Foundation Austria (2012), National Green Apple Award - Green Organization, UK (2012), Newton-

IT & SOFTWARE SKILLS

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

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

PUBLICATIONS

16 ISI cited articles, 24 conference papers and 7 project reports. Google h-index = 8, citation >560
For further details, please visit <https://scholar.google.com/citations?user=RDUAVPIAAAAJ&hl=en>

SKILLS

- Communication and collaboration: Multicultural and multidisciplinary groups across continents
- Literary skills: Technical writing e.g. report, proposals, articles, web-content, case study, concept paper
- Business opportunity and viability of green technology from economic perspective, cost-benefit analysis
- Econometric analysis for natural resources management and policy making
- Technology: Water, wastewater, soil and general environmental technologies for sustainability
- Materials procurement, vendor negotiation and conflict resolution

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>

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

Dated: January, 2018

Soumyadeep Mukhopadhyay

