

# SOUMYADEEP MUKHOPADHYAY

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## ECONOMICS STUDENT WITH EXPERIENCE IN ENVIRONMENTAL RESEARCH

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10 years' international experience in research & consultancy in the environmental issues & green technology  
Data analysis, research methodologies and technical writing skills with multidisciplinary approach  
Doing Masters in Natural Resource Economics & Policy from NUI Galway 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 research projects

## EDUCATIONAL QUALIFICATION

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- **M.Econ.Sc** (2017-18) in Natural Resource Econ & Policy at NUI Galway, 1<sup>st</sup> Sem 1.1 (78% Class topper)
- **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

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### **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 leading to successful international projects in India & Bangladesh
- Handling baseline survey, site selection, design, procurement & installation of water treatment plants
- Organizing public interaction, awareness campaign and seminars

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

- Collaborated between UK, India and Malaysian research partners to win multiple funding and successfully organizing 5 conferences, 10 research meetings and 2 short courses
- Facilitated several project assessments, course material preparation and undergraduate teaching
- Supervised 3 postgraduate research projects leading to 2 peer reviewed articles
- 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 ~10 international and student conferences and 6 research meetings
- Participated in course material preparation and undergraduate teaching
- Supervised 4 postgraduate research projects leading to 2 peer reviewed publications
- 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 leading to successful execution of tasks

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

- Led World Bank Project on "Subterranean Arsenic Removal" (DM 06-880) ([www.insituarsenic.org](http://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, resulting in full satisfaction of WB representatives and release of funding
- Coordinated among several Indian and EU partners (from UK, Spain, the Netherlands & Germany) to successfully complete the project and organize public awareness campaign and seminars
- Prepared project reports, analysed obtained data & produced a 45-minute documentary
- 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-Ungku Omar Fund- British Council Institutional Link Prog (2015), Newton Fund - India-UK Collaborative Industrial Research & Devp Prog (2016)

## IT & SOFTWARE SKILLS

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

## OTHER ACTIVITIES

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- Proposal reviewer for UK Research Council in environmental technologies
- Peer reviewer of academic journals: Journal of Environmental Management, Frontiers of Env Science and Engineering, Advances in Water Resources, Ecotoxicology and Env Safety, etc
- Founding member of the Faculty of Engineering Post Graduate's Club, UM (FEPNUM), 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

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16 ISI cited articles, 24 conference papers and 7 project reports. Google h-index = 8, citation >570  
For further details, please visit <https://scholar.google.com/citations?user=RDUAVPIAAAAJ&hl=en>

## SKILLS

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- Confident communicator and collaborator with experience of working with large multicultural and multidisciplinary groups across continents
- Effective technical writing (report, proposals, articles, web-content, case study, concept paper) - identify, analyze and evaluate the information needs of different groups and presenting accordingly
- Business opportunity and viability of green technology from economic perspective, cost-benefit analysis
- Trained in econometric analysis for natural resources management and policy making
- Excellent research and data analysis skills developed through Masters, PhD and consultancy projects on water, wastewater, soil and green technologies for sustainability
- Proven capability of materials procurement, vendor negotiation and conflict resolution

## ONLINE PROFILES

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LINKED IN: <http://my.linkedin.com/pub/soumyadeep-mukhopadhyay/19/ba8/135>  
RESEARCH GATE: [http://www.researchgate.net/profile/Soumyadeep\\_Mukhopadhyay/](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](mailto:thomas.vanrensborg@nuigalway.ie)); Prof Bhaskar Sen Gupta OBE ([b.sengupta@hw.ac.uk](mailto:b.sengupta@hw.ac.uk));  
Prof Xinmin Zhan ([xinmin.zhan@nuigalway.ie](mailto:xinmin.zhan@nuigalway.ie)); Prof Ir Mohd Ali Hashim ([alhashim@um.edu.my](mailto:alhashim@um.edu.my))

*Dated: February, 2018*

*Soumyadeep Mukhopadhyay*

