



Zaidi Syed

User information

AESOP reg Number	
Status	Individual Member
University	Aligarh Muslim University
School	Zakir Husain College of engineering
Address	Zaidi Syed Aligarh University 202002 Aligarh India
Telephone	9557766352
Fax	
Email	z.k.syed@gmail.com
Personal web page	https://www.linkedin.com/in/syed-khursheed-zaidi-b520b76?trk=hp-identity-name
CV	Download
Research keywords	climate change, Environment and Energy integration for social upliftment and development
Profile	Climate Change, Environment and Energy
Comments	



Resume

Syed Khursheed Zaidi
Monzia, 3/74, Lal Diggi Road, Aligarh-202002, India
Email: syed.adb@gmail.com; Phone: +91-9557766352

Objective: Use my 24 years of knowledge and experience of environmental, climate change and energy projects. Contribute to sustainable development through promotion of environment friendly policies, technologies and methods, to foster development partnerships. Encouraging environmental economics and integration of advance technologies and cost-effective options with key stakeholder in Government, private sector and local civil society.

Core Career Values: Integrity, honesty and commitment to sustainable human developments

Key Professional Attributes: Demonstrated skills in management and leadership of environment, climate change, energy and infrastructure related projects. Technical and contextual maturity in strategic planning, development and implementation and monitoring of projects on environmental safeguards, clean development mechanism, clean & renewable energy policies development. Ability to analyze and assess regional and national development policies and strategic issues related to environment, climate change and energy development cooperation; Good knowledge of current development issues in the Asia region. Demonstrated ability to plan, co-ordinate and manage multi-stakeholder collaboration for implementation of coherent investment plans, as well as strengthen sectors networks. Ability to negotiate and effectively manage resources; ability to adapt, innovate and demonstrate; capacity and maturity to mentor, supervise and provide peer support and quality assurance, to technical and operational staff on planning, managing, negotiating and implementation of development projects. Good interpersonal and networking skills for building alliances with key inter-governmental institutions, international financial institutions, global knowledge and research entities, civil society development partners and donors.

Professional Career path overview: Post graduate in Environmental Science and Engineering, I have worked in the field of civil construction; environmental engineering; quality assurance and monitoring of environmental standards in industry and public works including major environmental studies; evaluation and standards regulation. As part of an International Financial Institution, I have negotiated several co-financing contracts with National and State Governments and Private Sector, Environment, Climate Change Mitigation and Energy projects in 13 countries.

SEAR India, India (16 April 2015 continuing): As a Technical Manager, for SEAR India, a Non-Governmental Organization. The duties involve advisory on conceptualization, planning and implementation of projects related to environmental management, impact assessment, planning, sustainability, climate change Issues, and environmental education at government and communities levels. Actively working on Environmental Impact Assessment of different projects in the area of construction, thermal power plants and chemical Industries including Risk assessment studies (EHS and OSHA) for different industrial projects. Vehicular traffic impacts, GHG emissions assessments and human health impacts from vehicular emissions. Corporate social responsibilities assessment and reporting, advisory to industry, government and policy planners for sustainable development. Conducting environmental training program modules for project developer's staff awareness on PDCA cycle.

ADB Resident Mission, Afghanistan (7 November 2013 – 31 March 2015): As a Team Leader/Energy Specialist for the Inter-Ministerial Commission for Energy (ICE) provided oversight and management support to the ICE operations, including coordination with all key members of the Commission representing MLDBs and development partners.

- I have been involved with identification of sector investors and other stakeholders as a power sector expert. Advised the ICE on matters related to development of micro, mini, grid, off-grid and smart meters including power generation, transmission, and distribution. Lead technical working groups and promoted energy sector strategy development and information networking with ministries, donors, sector managers, regional energy working groups, media and the public.

- Assisted and advised the Minister of Economy, Energy and Water, Mines and Petroleum on ICE Secretariat meetings, policy document development to attract Public Private Partnership (PPP) investments in finalizing plans for the power sector development, including cross-border imports, contractual arrangements, power-import/wheeling agreement design and benchmark setting for RE tariff rates; a market-based legal and regulatory framework, development of energy law, designing and issuance of generation licenses for private power producers.
- Helped renewable energy department (RED) to initiate MSW to energy project and other RE projects. Guided and helped RED to draft RE policies and assisted line ministries bridging hurdles to attract foreign direct investments and overall growth and development of energy sector.
- Made Afghanistan complying with "Scaling up Renewable Energy Program in Low Income Countries (SREP)", to attract International development assistance under Climate Investment Fund (CIF).
- Participated in Afghanistan environmental safeguard programs and advised ministries to develop energy projects in compliance with International environmental standards and good international industry practice.

ADB Resident Mission, Bangladesh (1 December 2011 – 31 October 2013): As part of the Technical Support for Capacity Building & Training for Climate Change Mitigation & Renewable Energy Projects Development in Bangladesh, I worked as the Trainer for developing climate change awareness as part of ADB Bangladesh's CDM capacity building programme. As a trainer I provided orientation to ADB's clean energy and climate change (CC) Policies for CC mitigation, identification and development of renewable energy projects. I further supported the designated Government institutions in training government staff at management and operational level.

- As ADB Bangladesh team member, I was involved with and attended several missions for discussions with power & other ministries to develop the Renewable Energy Road Map for the country. The team reviewed policy and regulatory frameworks and resource potential, identified feasible support mechanism, reviewed past and on-going studies and interventions by other stakeholders. The team also developed stakeholder accepted selection criteria for prioritizing investment and pilot projects encouraging renewable energy strategy and action plan for power sector up to 2020 and identified areas and sectors suitable for ADB investments.
- Further, I was also a team member for the wind resource measurement and mapping of coastal areas and solar mini grid in Bangladesh where I assisted in the preparation of a pilot project studies as per Country Strategy Plan for wind power projects and strengthen the capacity of Sustainable Energy Development Agency on CDM.

Asian Development Bank (ADB), Philippines (17 September 2007 – 30 November 2011): Worked with Asia Pacific Carbon Fund, a fund of US\$152 million administered by ADB for co-financing Clean Development Mechanism (CDM) eligible RE projects, as Environment & Safeguard Specialist, CDM Expert and as Transaction Manager for South Asia Region. The fund represented biomass, waste water treatment, landfill, gas flaring, waste heat recovery, Municipal Solid Waste (MSW) composting, small and large hydroelectric and wind power generation projects.

- I was responsible for project identification, negotiation and nurture of new mitigation ideas to develop additional revenue streams for the project including environmental safeguard and Good International Industry Practice.
- Provided technical support, guidance, supervision, monitoring and verification for more than 30 projects mainly dominating wind, hydro solar, landfill and MSW.
- Prepared project due diligence (DD) reports assessing financial strength of borrower's. Also, conducted DD of company's legal aspects, CDM applicability checks, CERs generation and estimation of emission reductions to ensure repayment of the upfront co-financing against purchase of Certified Emission Reduction (CER) in case of any possible short deliveries and/or noncompliance, reputational risk for the Bank.
- Structured "CERPA" (Certified Emission Reduction Purchase Agreement) and negotiated co-financing possibilities as transaction manager.
- Provide operational guidance to Fund Manager, transaction managers and ADB project officers on climate change, environmental & social development issues.
- Ensured projects to be complied with ADB SPS 2009 and other lending requirements. Helped commissioning of five ADB projects in renewable energy and waste-to-energy, urban development including transportation and municipal waste management, water and sanitation, and hydro. Ensured ADB's

Safeguard Policies compliance (Environmental, Involuntary Resettlement and Indigenous Peoples) and was responsible for identification of environmental safeguards and health issues while assessing projects suitability for APCF funding as per ADB criteria and in accordance with the requirement of ADBs SPS.

- I was responsible for full project screening based on anticipated environmental impacts and mitigation measures as per SPS Appendix 1, 2 and 3 of SPS 2009.
- Provided technical guidance, training and documentation to project entities for the preparation of necessary project documentation including IR and IP plan as necessary for project. Secured national and International ADB's RSDD (now SDCC) and Chief Compliance Officer's (COOs) approval for more than 30 project in 8 DMC's without re-categorization.
- Also contributed to other ADB lending projects through peer review, ADB Safeguard policy statement 2009 and revision of checklists. Identified deals for APCF as the transaction manager and contracted around 3 million CERs for the Fund from registered CDM projects and organized orientation training programs for APCF team & project proponents on monitoring, verification, and issuance of CERs and awareness of IFC guidelines and use of ADBs SPS 2009 and OM F1 and others for all projects.

Societe` Generale de Surveillance` (SGS) India (16 September 1993 – 28 August 2007) : I served as Manager, Environment and South Asia Coordinator, Climate Change Program (CDM, Clean & Renewable Energy projects) for 14 years. My work with this international quality assurance agency, enabled me to acquire substantive knowledge, skills and experience on air and water quality assessment studies using US EPA approved models. I was also trained on procedures and practices on environmental assessment using GEMS, WHO, IFC guidelines, National & international environmental standards for assessments and evaluating environmental impacts for Infrastructure projects.

- Conducted around 20 Environmental Impact Assessment studies, 5 Potable water quality studies and environmental audits for multi-disciplinary industries such as Cement, Drugs & Pharmaceuticals, Power sector, Highways and oil refinery etc. and have carried out around 50 environmental audits including 20 audits in Gujarat, India.
- Designed and prepared testing laboratory facilities for industries, developed course materials and SOPs for testing environmental samples. Developed training programs on environmental parameters quality assessment and testing for multinational groups for their in-house quality assurance and capacity building activity.
- Assisted the Delhi Pollution Control Committee & Central Pollution Control Board (Government of India) in the formulation of emission standards for vehicles and incinerators.
- Gained substantive exposure to United Nations Framework Convention on Climate Change (UNFCCC) modalities and procedural requirements, selection of methodology including scenarios checks and CDM applicability criteria. Checks for Project boundary and baseline scenarios using applicable tools for calculation of emission factor and their correctness, demonstration & assessment of additionality by identifying realistic and credible alternative (s) in compliance with mandatory & CDM regulations available to the project entity, project IRR, equity IRR and WACC.
- Worked on Environmental and Climate Change Programme advocacy through client interactions and presentations at various fora like The Energy Research Institute (TERI), Delhi sustainable development summit (DSDS), Indian Institute of Planning & Management (IIPM) and Institute for Global Environmental Strategies (IGES).

Education:

Post Graduate Diploma in Environmental Science and Engineering (PGDE), Jamia Millia, New Delhi, India Aggregate marks obtained 69%	2005 Main Subjects: Environmental Science & Engineering, Renewable Energy, Waste Management, Water & Waste water treatment systems, Air Pollution and use of dispersion models and Environmental Impact Assessment
Post Graduate Diploma in Environmental Education & Management (PGDEM), Hyderabad University, India Aggregate marks obtained 67%	1999 Main Subjects: Environmental Education and Management,
Bachelor of Civil Engineering Aligarh University, India Aggregate marks obtained 72%	1991

	Main Subjects: Steel Bridges & Structures; Reinforced Cement Concrete Structures, Soil Mechanics, Irrigation and Hydraulic Structures
--	---

Trainings and Development:

- UNDSS Advanced Security in the Field, Kabul, Afghanistan 27 October 2014.
- World Bank's e-Institute for development's Sustainability Training and E-Learning Program 20 November 2014.
- Certificate Course for Microsoft Office Project, Manila, Philippines 2008.
- Qualified Lead Assessor for CDM Projects Verification. Attended Kyoto Mechanisms: CDM Lead Verifier training course conducted by Future Perfect, United Kingdom at Gurgaon from 30th January to 1st February 2007 (3 days).
- Qualified Lead Assessor for ISO 14001, Attended 5 days Advanced EMS Auditor Course from 17th – 21st January 2006 conducted by SGS Certification Services on behalf of Institute of Environmental Management & Assessment (iema) United Kingdom.
- Certificate course on Air Quality Management in South Asia Sub Regional Economic Cooperation (SASEC) for Regional Air Quality Management for 5 days duration conducted by Asian Development Bank and Central Pollution Control Board from 26-30 July 2004, New Delhi, India
- Qualified Lead Assessor for CDM Projects Validation. Attended SGS Climate Change Programme for Clean development mechanism training course conducted at Gurgaon, India from 16th – 19th March 2004 (5 days).
- Certificate course on One Week comprehensive training on Air Quality Modeling “A Management Tool” by Indian Association for Air Pollution Control Delhi Chapter & Central Pollution Control Board, Government of India from 3rd – 9th November 2003.
- Certificate course for Sales Executive Training conducted by Mercuri International, Pune, India from 25th – 27th June 2001
- Certificate course on Meteorology in Air pollution Analysis by Environmental Protection Training & Research Institute (EPTRI), Hyderabad, A.P, India from 22nd – 24th February 1996
- Certificate course in TQM and TQP from 22nd – 23rd August 1994, SGS in Vishakhapatnam, Andhra Pradesh, India.

Reports/Publications/Presentations: I was involved in development and facilitation of several internal use publications. Training material as well as development of technical guidance documents on environment, climate change and energy quality standards and compliance processes:

- Climate change mitigation project assessment reports for UNFCCC submissions
- Technical assessment reports EIA & EMP documents for multidisciplinary industries such as cement, power, mines & ores, pharmaceuticals, steel, refinery, national highway and ground water use. In addition several reports on water quality assessment studies were prepared and presented to clients and in seminars. Comprehensive environmental impact assessment and management report for Dungsam Cement Plant, Bhutan.
- Multiple Environmental and social safeguard reports in compliance with international financing institutions guidelines and requirements.
- Energy sector Project reports for public and private sector companies for assessing their financial strength, using rate of return on investment, debt - equity ratios, liabilities, tangible net worth, current ratios, capital growth appreciation etc. to ensure repayment of the upfront co financing against purchase of CERs in case of any possible short deliveries and/or noncompliance of ADB systems & procedures.
- Design and prepared CDM capacity building training material to suit and support government institutes to implement ADB clean energy and climate change policies for mitigation, identification and development of renewable energy projects in Bangladesh.
- Supporting document to provide on job training to staff associated with the power sector and renewable energy projects to develop as a CDM project; and climate change awareness, screening & Identification of possible renewable energy projects,
- Procedures for estimation of GHG emissions, assessing suitability of available mitigation methodologies, possibilities of developing new methodologies, financial feasibility and development of CDM projects and assisted countries renewable energy road maps.

- Planning, documentation and presentations for Inter-Ministerial Commission for Energy meetings in Afghanistan

Membership in professional networks and associations:

- Life member: Indian Association for Air Pollution Control Delhi Chapter, India.
- Member American Academy of Environmental Engineers and Scientists, United States.
- LinkedIn professional membership: <https://www.linkedin.com/in/syed-khursheed-zaidi-b520b76>

Countries work experience: Countries: Afghanistan, Bangladesh, Bhutan, China, Germany, Hong Kong, India, Indonesia, Inner Mongolia, Malaysia, Netherlands, Philippines, Thailand.

References:

No	Name	Position	Email
1	Dr. Suresh Jain	Professor & Head Department of Natural Resources, The Energy Research Institute (TERI), New Delhi, India	sureshj@teri.res.in
2	Mr. Luis Cañete	Fund and Structuring Officer, European Investment Bank,	canete@eib.org
3	Dr. Kafeel Ahmed	Professor Department of Civil Engineering, Faculty of Engineering and Technology, Jamia Millia, New Delhi, India	kahmad2@jmi.ac.in kafeeljmi@gmail.com

Date: 28 September 2016

Syed Khursheed Zaidi

Note: List and scope of Environmental assignments completed can be provided on request.