

Education

Australian National University

Masters in Environmental Management & Development (2010)

Canberra, Australia

Hindustan College of Engineering, Madras University

Bachelors in Civil Engineering (2004)

Chennai, India

Merits and Awards

- Recipient of Bronze Medal for Dedicated Service awarded by the Royal Civil Service Commission (2015)
- Recipient of the Endeavour Scholarship for postgraduate studies – Masters in Environmental Management & Development Studies (2008)
- First Position in the RCSC Examination – Civil Engineering (2004)
- First Position in Civil Engineering Department, Madras University (2004)
- Awarded Certificate of Excellence for three consecutive academic years– Civil Engineering Department (2003)
- Recipient of Government of India Scholarship for undergraduate studies (2000)

Professional Profile

Dynamic and motivated professional with over 17 years of experience in social and environmental impact assessment including monitoring of safeguards requirements in various sectors. Highly experienced and proficient with environmental impact analysis, environmental assessment, environmental monitoring and reporting and participatory development.

Possesses strong oral and writing communication skills including excellent planning and organizing skill to handle multiple tasks with deadlines.

Employment History

Asian Development Bank

Safeguards Specialist

May 2021 till date

Outline

Provide support to the ADB's Bhutan Resident Mission in ensuring that all their project activities comply with the ADB's Safeguard Policy Statement (SPS) 2009 and the national laws. The projects include urban infrastructure development, water supply, environment, natural resources, agriculture, education, health and transportation sectors. Provide capacity building to the executing and implementing agencies on the safeguard requirements.

Responsibilities:

- Identify and prioritize the potential environmental safeguards risks and impacts related to physical, biological, socio-economic, and cultural environment and specify the compliance requirements of the project according to ADB's SPS 2009.
- Carry out Rapid Environmental Assessment checklists
- Oversee environmental safeguard requirement preparations during project processing
- Guide the Executing Agencies/Implementing Agencies in the preparation and review of environmental assessment and review framework (EARF), initial environment examination (IEE), environment impact assessment (EIA), and other related assessments consistent with ADB's SPS (2009)

- Assist in project implementation and monitoring
- Provide capacity building on environmental and social safeguards.

Least Developed Country (LDC) Group to the UNFCCC
Senior LDC Group Coordinator, IIED

September – December 2021

Responsibilities:

Leading the overall coordination of the LDC group activities. This role will include but are not limited to:

1. Overseeing and facilitating overall activities of the LDC Group (e.g. virtual or in-person meetings, workshops, lead on liaising with other delegations, regional groupings, coalitions, outside institutions, UNFCCC Secretariat):
 - Formulation of agendas, reports, submissions and other official documents, side event flyers, and other relevant documents and information to the Group and facilitating approval from the Chair.;
 - Contact point for the LDC Media team for updating the LDC website
 - Ensuring appropriate thematic coordinator/representative from the LDC group attends relevant event/meeting (e.g board meetings, constituted bodies meetings) and compiling meeting reports for sound record keeping.
 - Collaboration with international support team to LDC Chair; and
 - Making recommendations to improve the coordination of the Group.
2. Leading support to the LDC Chair in their coordination of the constituency, in preparation for UNFCCC sessions, during sessions, informal, in-session and post-session meetings, and preparatory meetings in-advance of sessions:
 - Drafting and projecting LDC coordination meeting agenda and any other meeting documents;
 - Noting and sharing LDC coordination meeting minutes and actions for the Group as requested and helping the Chair to monitor progress against them;
3. Leading logistical aspects related to LDC Group organized /run meetings, in particular LDC ministerial and strategy meetings.
4. Providing ad hoc support to the LDC chair at high-level events
5. Prepared handover report for successor
6. Prepared final report for IIED on activities including COP26

Department of Hydropower and Power Systems
Chief Engineer

January 2018 – April 2021

Outline

Undertake review of Environmental and Social Impact Assessment for all hydropower projects undertaken by the project proponents. The assessments are reviewed for compliance with the Environmental Protection Act of the country as well as the sector specific guidelines that are in place. Also responsible for carrying out regular monitoring for compliance during project implementation.

Responsibilities:

- Overall lead for the formulation of Power System Master Plan-2040
- Spearheaded the Strategic Environment Assessment (SEA) of Hydropower Master Plan
- Formulated the Environmental Guideline for development of hydropower projects
- Review of Environmental Impact Assessment carried out by the project proponents
- Member of the Water Advisory Technical Committee of the Government
- Climate Negotiator for the Article 6 of the Paris Agreement for Bhutan on the LDC Group
- Board Director, Druk Green Power Corporation Ltd. From 2015 – 2020
- Member Secretary to Empowered Joint Group for implementing 10,000 MW Bilateral Initiatives

Key achievements/projects

Several hydropower requiring huge resettlement and those projects falling in the protected areas were screened out during the SEA process, which has contributed significantly to larger goal of sustainable development of the resources. Development of Environmental Guideline for Hydropower projects has provided an effective tool to ensure that the environmental and social impact studies are more robust so as to avoid, minimize and mitigate the impacts.

Department of Hydropower and Power Systems

2011 - 2018

Executive Engineer

Outline

Focal person in the Department for mainstreaming social and environmental aspects in the hydropower development besides overseeing other technical works such as hydrological studies, power optimization and civil design.

Responsibilities:

- Guided the Cumulative Impact Assessment of the Kuri-Gongri River Basin
- Implemented the Sustainable Hydropower Protocol tool of the International Hydropower Association (IHA) to 720MW Mangdechhu Hydropower Project
- Project Manager for pre-feasibility studies of Dangchhu, Chamkharchhu-II and Chamkharchhu-IV Hydropower Project
- Board Director, Druk Green Power Corporation Ltd. (2015 - 2020)

Key achievements/projects

The successful implementation of the IHA's Sustainable Hydropower Protocol tool led to the need for Bhutan to have specific sector guideline to ensure sustainable harnessing of the hydropower resource. As such, the need to develop environmental guideline was initiated and taken up with the World Bank.

Additional Responsibilities:

- Member Secretary to the Empowered Joint Group (EJG) for 10,000 MW Initiative.
- Member of the National Multi-Sectorial Committee on Clean Development Mechanism.
- Task Force Member on the Technical Committee for the National Integrated Water Resources Management (2015-2016).
- Participated in the India-Bhutan Strategic Dialogue (2014).
- Task Force Member for the Second National Communication on Climate Change (2011).
- Co-authored the National Paper on "Energy Security and Climate Change" for the Climate Summit for Living Himalayas, Bhutan (2011).

Department of Energy

2004 – 2011

Engineer

Responsibilities:

- Carried out hydrological analysis for hydropower projects
- Collection and analysis of run-off data for selected river basin
- Assisted in the feasibility study of 112MW Dagachhu Hydropower Project including CDM registration for the project

Key achievements/projects

Effectively liaised with the Designated National Authority during the Dagachhu Hydropower Project's CDM registration. In addition, independently carried out hydrological studies of Wangchhu and Punatsangchhu Basins.

Computer Skills

- STAAD Pro (Structural Design) & AutoCAD
- HEC-HMS (Hydrological Modeling)
- HEC-RAS (Hydraulic Modeling)
- QGIS