

Aastha Sharma

Email: aastha2690@gmail.com

Cell: +973 33941057

Having a background in energy and environmental research, I aim to grow professionally by learning from the organization and constantly upgrading my knowledge and skills. Capable of team work and have good communication skills. Have extensive knowledge of various sectors and capable of writing high impact reports. Proficient in the geoinformatics field and can work with major remote sensing and GIS software like ArcGIS and ERDAS.

Other Relevant Training/software skills

- **Remote sensing and GIS applications** – ArcGIS, ERDAS IMAGINE, QGIS, ModelBuilder, ENVI, SWAT and other WebGIS open sources MapGuide, Mapserver, Google Earth Engine, MapInfo
- **Data formats** – JSON, NetCDF, HDF, GRID, CSV, GeoTIFF, shapefiles, IMG
- **Programming languages** - Python

Languages

S. No	Language	Spoken	Reading	Writing
1	English	Excellent	Excellent	Excellent
2	Hindi	Excellent	Excellent	Excellent

Membership of Professional Associations: Committee Member, Green Growth knowledge Platform (GGKP) Research Programme

Detailed Tasks Assigned

Aastha Sharma was previously employed as an Associate Fellow at The Energy and Resources Institute and has worked extensively in the energy sector, natural resources management, health sector, agriculture sector and climate change. Her research assignments involved developing a collaborative research framework; extensive research work for writing reports, papers, reviews and presenting findings in journals and conferences; contributions in the capacity of an editor and author for TERI's flagship publication for 5 years; identifying sources of funding, preparing research proposals; planning and performing experiments and surveys; collecting, recording and analyzing data; data analysis; collaboration with research teams, industry stakeholders and government agencies. Her geospatial assignments involved spatial database creation, land use & land cover change assessment; solar and wind potential calculation; working on Soil and Water Assessment Tool (SWAT); estimation of soil loss and calculation of sediment yield using GIS. She has also engaged in stakeholder consultations and implementing participatory tools under

research projects on natural resource management issues. Other tasks she has worked on include use of GIS for Network Analysis, Analytical Hierarchy Process, Spatial Multi-criteria Analysis, Hot Spot Analysis, Site suitability analysis and spatial delineation studies.

Professional Experience

October 2022 to December 2022

Consultant, The Energy and resources Institute (TERI), India

- 1. Name of assignment or project:** Green Budgeting for the State of Bihar and the UT of Puducherry

Positions held: NRM and policy research expert

Client: Government of Bihar

Activities performed:

- Develop a taxonomy on the environmental indicators used in the preparation of green budget which is aligned with SDG targets and NDCs
- Undertake stake holder consultations
- Coordinating online training programmes to engage with policy makers
- Creating an online platform with all the resources that will assist interested States/regions to take up green budgeting.
- Extensive research for report writing.

March 2014 to 30 June 2022

Associate Fellow, The Energy and Resource Institute (TERI), India

- 2. Name of assignment or project:** Spatial Mapping of Industrial Clusters for Improving Penetration of Green Hydrogen, Pan-India study

Positions held: GIS/Remote Sensing expert and Co-Principal Investigator

Client: World Bank

Activities performed:

- Research framework and methodology development.
- Non spatial data collection
- Preparation and finalization of interim and final report.
- Collection of spatial information/ data/maps
- GIS based mapping of available land parcels in the close vicinity of or within the various clusters/industry.
- GIS based mapping of the existing water bodies
- GIS based mapping of the existing as well as of the proposed utility-scale grid-connected Renewable Energy projects
- GIS based mapping of the proposed transportation corridors

- i. Site suitability analysis to rank various clusters
- j. Map creation using GIS tools
- k. Spatial database creation and management

3. Name of assignment or project: Green Budgeting for the State of Bihar

Positions held: NRM and policy research expert

Client: Government of Bihar

Activities performed:

- f. Develop a taxonomy on the environmental indicators used in the preparation of green budget which is aligned with SDG targets and NDCs
- g. Undertake stake holder consultations
- h. Coordinating online training programmes to engage with policy makers
- i. Creating an online platform with all the resources that will assist interested States/ regions to take up green budgeting.
- j. Extensive research for report writing.

4. Name of assignment or project: Monitoring and Evaluation (M&E) for Project on Climate Resilient Agriculture (PoCRA), Government of Maharashtra

Positions held: GIS/Remote Sensing expert

Client: Sambodhi Research and Communication; Government of Maharashtra

Activities performed:

- a. Delineation of Land Use land Cover
- b. Rabi season crop spatial mapping
- c. Analyse the impact of NRM structures (recently installed at the study area) on agriculture
- d. Map creation using GIS tools
- e. Spatial database creation and management

5. Name of assignment or project: TERI Energy & Environment Data Diary and Yearbook 2020/21

Positions held: Principal Investigator/ Editor

Client: TERI

Activities performed:

- a. Deliberation with core team members for concept visualization, finalization of the theme, changes to be brought about in the new edition and timeline finalization.
- b. Designing the structure of each chapter in compliance with particular sector priorities.
- c. Selection of authors and reviewers.
- d. Organisation of inception meeting with authors, reviewers and other stakeholders for communicating the brief regarding the changes to be made and the output expectation from them as well as timeline given with deliverables for each milestone to ensure on-time publication.
- e. Each chapter reviewed for inconsistencies in data, ensure text meets content and style guidelines

- f. Chapter to be peer reviewed by a sector expert.
 - g. Coordinate with author in order to get the comments given by editorial team and sector expert addressed.
 - h. Revising text for larger issues including content, structure, length, tone, and voice.
 - i. Based on the timeline, finalize tentative dates for the organization of the launch event.
 - j. Finalize a concept note with a specific theme and agenda for the launch
 - k. Arrange for a panel discussion for the launch; finalize keynote speakers and chairperson for the panel discussion.
 - l. Finalize the agenda and send invites to attendees.
 - m. Make logistical arrangements for the Launch.
 - n. Prepare a presentation highlighting few features of TEDDY for the launch
- 6. Name of assignment or project:** Towards More Sustainable and Regenerative Rainfed Agriculture in India and Ethiopia

Positions held: GIS/Remote Sensing expert; PRA expert

Client: IKEA FOUNDATION

Activities performed:

- o. Delineation of villages for the study.
 - p. Development of PRA tools for field survey and FGD
 - q. Map creation using GIS tools
 - r. Spatial database creation and management
- 7. Name of assignment or project:** Study to Test, Operationalize Preventive approaches for Chronic kidney disease of uncertain etiology (CKDu) in Andhra Pradesh

Positions held: GIS/Remote Sensing expert

Client: George Institute for Global Health, India

Activities performed:

- a. Creation of heavy metal contamination in ground water, vegetables and marine animals spatial database
- b. Analyze the impact of contamination on overall health and its influence in leading to chronic kidney disease of uncertain etiology (CKDu).
- c. Map creation using GIS tools
- d. Spatial database creation and management

- 8. Name of assignment or project:** Updating Fiji's Natural Resource Inventory and Fiji's 2013 State of Environment Report

Positions held: GIS/Remote Sensing expert

Client: UNDP

Activities performed:

- a. Working on mapping soil acidity across different provinces in FIJI and spatio-temporal comparison between 2004 and 2018.
 - b. Map creation using GIS tools
- 9. Name of assignment or project:** GIS module of the Energy Transition Commission

Positions held: Principal Investigator (PI) and GIS/Remote Sensing expert

Client: National Renewable Energy Laboratory

Activities performed

- a. Creation and handling of various spatial database, inclusive of Transmission lines, existing and proposed solar and wind plants, existing and proposed substations, road network, digital elevation model, slope, solar irradiance, wind speed at hub height 80m and 100m, protected areas, land use land cover etc.
- b. Site suitability analysis to delineate optimal parcels of land for solar and wind plant installation
- c. Calculation of potential based on the site suitability analysis for Solar PV, floating solar, solar rooftop, onshore wind and offshore wind
- d. Map creation using GIS tools

10. Name of assignment or project: TERI Energy & Environment Data Diary and Yearbook 2019/20

Positions held: Principal Investigator/ Editor

Client: TERI

Activities performed:

- a. Deliberation with core team members for concept visualization, finalization of the theme, changes to be brought about in the new edition and timeline finalization.
- b. Designing the structure of each chapter in compliance with particular sector priorities.
- c. Selection of authors and reviewers.
- d. Organisation of inception meeting with authors, reviewers and other stakeholders for communicating the brief regarding the changes to be made and the output expectation from them as well as timeline given with deliverables for each milestone to ensure on-time publication.
- e. Each chapter reviewed for inconsistencies in data, ensure text meets content and style guidelines
- f. Chapter to be peer reviewed by a sector expert.
- g. Coordinate with author in order to get the comments given by editorial team and sector expert addressed.
- h. Revising text for larger issues including content, structure, length, tone, and voice.
- i. Based on the timeline, finalize tentative dates for the organization of the launch event.
- j. Finalize a concept note with a specific theme and agenda for the launch
- k. Arrange for a panel discussion for the launch; finalize keynote speakers and chairperson for the panel discussion.
- l. Finalize the agenda and send invites to attendees.
- m. Make logistical arrangements for the Launch.
- n. Prepare a presentation highlighting few features of TEDDY for the launch

11. Name of assignment or project: Adverse health effects of outdoor air pollution in urban city: case study Delhi

Positions held: GIS/Remote Sensing expert

Client: Department of Science and Technology

Activities performed:

- a. Spatial database creation of monitoring stations of PM2.5 and PM10 for New Delhi.
- b. Spatial delineation and analysis of adverse health effects of outdoor air pollution in urban city
- c. Mapping the season wise cases of respiratory diseases
- d. Spatial database creation for mohalla clinic locations
- e. Map creation using GIS tools

12. Name of assignment or project: Mainstreaming community conserved areas for Biodiversity conservation in Nagaland

Positions held: GIS/Remote Sensing expert

Client: Global Environment Facility

Activities performed

- a. Worked on spatial delineation of community conserved areas (CCA) for Biodiversity conservation in Nagaland. The objective of this project is to support community based conservation by mobilizing support for the formation of Community Conserved Areas (CCAs) including larger networks of contiguous forest patches in Zunheboto district of Nagaland, and developing community-based ecotourism initiatives.
- b. Map creation using GIS tools

13. Name of assignment or project: Assess the impact of developmental activities on the lakes of Hyderabad

Positions held: GIS/Remote Sensing expert

Client: Government of Telangana

Activities performed

- a. Land use land cover change classification for two different watersheds in Hyderabad.
- b. Map creation using GIS tools

14. Name of assignment or project: TERI Energy & Environment Data Diary and Yearbook 2017/18

Positions held: Principal Investigator/ Editor

Client: TERI

Activities performed:

- a. Deliberation with core team members for concept visualization, finalization of the theme, changes to be brought about in the new edition and timeline finalization.
- b. Designing the structure of each chapter in compliance with particular sector priorities.
- c. Selection of authors and reviewers.
- d. Organisation of inception meeting with authors, reviewers and other stakeholders for communicating the brief regarding the changes to be made and the output expectation from them as well as timeline given with deliverables for each milestone to ensure on-time publication.
- e. Each chapter reviewed for inconsistencies in data, ensure text meets content and style guidelines.

- f. Chapter to be peer reviewed by a sector expert.
- g. Coordinate with author in order to get the comments given by editorial team and sector expert addressed.
- h. Revising text for larger issues including content, structure, length, tone, and voice.
- i. Based on the timeline, finalize tentative dates for the organization of the launch event.
- j. Finalize a concept note with a specific theme and agenda for the launch
- k. Arrange for a panel discussion for the launch; finalize keynote speakers and chairperson for the panel discussion.
- l. Finalize the agenda and send invites to attendees.
- m. Make logistical arrangements for the Launch.
- n. Prepare a presentation highlighting few features of TEDDY for the launch

15. Name of assignment or project: Monitoring, Evaluation, Learning and Documentation (MEL&D) of Projects under Integrated Watershed Management Programme (IWMP) for batch II, III and IV projects

Positions held: GIS/Remote Sensing expert

Client: Uttarakhand Watershed Management Directorate

Activities performed:

- a. Spatial database creation and Land use land cover classifications for three different batch projects in the different districts of Uttarakhand at Microwatershed level in which batch II contains 24 Microwatersheds, batch III has 18 different Microwatersheds and batch III has 10 Microwatersheds.
- b. Soil Loss Estimation and Sediment Yield Calculation.
- c. Map creation using GIS tools

16. Name of assignment or project: Study on Economics of Desertification, Land Degradation and Drought (DLDD) in India

Positions held: GIS/Remote Sensing expert

Client: Ministry of Environment, Forest and Climate Change

Activities performed:

- a. Land use land cover change classification for two different Micro watersheds in Uttarakhand, India for three different time periods.
- b. Map creation using GIS tools

17. Name of assignment or project: TERI Energy & Environment Data Diary and Yearbook 2016/17

Positions held: Principal Investigator/ Editor

Client: TERI

Activities performed:

- a. Deliberation with core team members for concept visualization, finalization of the theme, changes to be brought about in the new edition and timeline finalization.
- b. Designing the structure of each chapter in compliance with particular sector priorities.
- c. Selection of authors and reviewers.

- d. Organisation of inception meeting with authors, reviewers and other stakeholders for communicating the brief regarding the changes to be made and the output expectation from them as well as timeline given with deliverables for each milestone to ensure on-time publication.
- e. Each chapter reviewed for inconsistencies in data, ensure text meets content and style guidelines
- f. Chapter to be peer reviewed by a sector expert.
- g. Coordinate with author in order to get the comments given by editorial team and sector expert addressed.
- h. Revising text for larger issues including content, structure, length, tone, and voice.
- i. Based on the timeline, finalize tentative dates for the organization of the launch event.
- j. Finalize a concept note with a specific theme and agenda for the launch
- k. Arrange for a panel discussion for the launch; finalize keynote speakers and chairperson for the panel discussion.
- l. Finalize the agenda and send invites to attendees.
- m. Make logistical arrangements for the Launch.
- n. Prepare a presentation highlighting few features of TEDDY for the launch

18. Name of assignment or project: Green growth development in Punjab and Himachal Pradesh

Positions held: Field analysis and NRM policy expert

Client: Global Green Growth Institute

Activities performed:

- a. Carried out field survey in four districts of Punjab to understand the opportunity costs involved in rice straw burning and effect of the same on health of farmers and their families.
- b. Held stakeholder consultations in Punjab.
- c. Authored two background papers on Agriculture.

19. Name of assignment or project: Energy and Environment Goals

Positions held: Institutional analysis expert and GIS expert

Client: Department for International Development

Activities performed:

- a. Spatial database creation of different parameters at district level for different states to create Energy Indices.
- b. Map creation using GIS tools.

20. Name of assignment or project: Hydrological Modelling and LULUCF for Integrated Systems Framework

Positions held: Hydrological Modelling expert and GIS/Remote Sensing expert

Client: Global Green Growth Institute

Activities performed:

- a. Collection of ground data using GPS in Punjab
- b. Satellite Image processing using remote sensing techniques for Soil and Water Assessment Tool (SWAT)
- c. Creation and utilisation of spatial database for SWAT modelling.
- d. Map creation using GIS tools

21. Name of assignment or project: TERI Energy & Environment Data Diary and Yearbook 2015/16 Updated Edition

Positions held: Principal Investigator/ Editor

Client: TERI

Activities performed:

- a. Deliberation with core team members for concept visualization, finalization of the theme, changes to be brought about in the new edition and timeline finalization.
- b. Designing the structure of each chapter in compliance with particular sector priorities.
- c. Selection of authors and reviewers.
- d. Organisation of inception meeting with authors, reviewers and other stakeholders for communicating the brief regarding the changes to be made and the output expectation from them as well as timeline given with deliverables for each milestone to ensure on-time publication.
- e. Each chapter reviewed for inconsistencies in data, ensure text meets content and style guidelines
- f. Chapter to be peer reviewed by a sector expert.
- g. Coordinate with author in order to get the comments given by editorial team and sector expert addressed.
- h. Revising text for larger issues including content, structure, length, tone, and voice.
- i. Based on the timeline, finalize tentative dates for the organization of the launch event.
- j. Finalize a concept note with a specific theme and agenda for the launch
- k. Arrange for a panel discussion for the launch; finalize keynote speakers and chairperson for the panel discussion.
- l. Finalize the agenda and send invites to attendees.
- m. Make logistical arrangements for the Launch.
- n. Prepare a presentation highlighting few features of TEDDY for the launch

22. Name of assignment or project: Green growth road map and institutional innovations

Positions held: GIS/Remote Sensing expert

Client: Global Green Growth Institute

Activities performed:

- a. Land use change classification using high resolution data of Google earth for different time periods at village level.
- b. Map creation using GIS tools

August 2013 to February 2014

Consultant, The Energy and Resource Institute (TERI), India

- **Position Held: Team Member**
Client: Global Green Growth Institute

Activities performed:

- Worked on Hydrological Modeling and Land Use, Land-Use Change & Forestry (LULUCF) for Integrated Systems Framework Project; studying policy impacts of landuse management practices at the watershed level for the states of Punjab and Himachal Pradesh using ArcSWAT model.

January 2013 to May 2013

Intern, Environmental Systems Research Institute (ESRI), India Ltd.

- **Position Held: Beta Tester**
Client: Schneider Electric
Worked on Telvent Product Testing (testing of the software ArcFM); beta testing for the product ArcFM Engine for ArcGIS.
- Worked on Earthquake Risk Assessment Using GIS Based Landslide Susceptibility Model; study carried out employing Analytical Hierarchy Process and Spatial Multi-criteria Analysis.

July 2012 to December 2012

Student, TERI University, India

- Worked on Road Accident Analysis for Delhi: A GIS based Study as a part of course curriculum; analyzed the trend of accidents and suggested mitigation measures using network analysis and hot-spot analysis.

May 2012 to July 2012

Intern, Association of Municipalities and Development Authorities (AMDA), India

- **Client: Government of India**
Worked on Delhi Master Plan 2021; Designing of maps for the study area and trend analysis.
- Worked on Accessibility to Urban Green Spaces: A GIS Based Assessment; to gauge the accessibility to parks and other urban greens using network analysis in Karol Bagh area in New Delhi and proposal for development of new urban green spaces within the study area.

Education

- M.Sc. in Geoinformatics, TERI University, New Delhi, India
Year of Graduation: 2013 Graduation Aggregate: 80.5%
- B.A. (Hons) Geography, Miranda House, University of Delhi, New Delhi, India
Year of Graduation: 2011 Graduation Aggregate: 56.8%

Training Attended

- Field training to Kolahoi glacier, Jammu and Kashmir to understand the geomorphological features of a glacier, October 2012.
- Training programme on I Python by MHRD and IIT Bombay, February 2012
- Field training on Differential Global Positioning System (DGPS), stereoscope, and aerial photography in part of Rajasthan, 17 to 20 October 2011.

- Field research on Water Resource Potential and Utilization in Kumaon Region, Uttarakhand, October 2009.

Seminars/ workshops/ book launch Attended

- Workshop on Restoration Opportunity Assessment Methodology (ROAM) for landscape level planning for different land uses 2021, virtual
- ESRI User conference 2020, Virtual
- ESRI User conference 2019, New Delhi
- Expert Workshop on Measuring Green Growth Opportunities and Country Performance; Graduate Institute, Jacques Freymond Auditorium, Rue de Lausanne 132 Geneva, 7-8 June 2018
- Panel Discussion on “Has India Reached the Inflection Point for Renewable Energy and Energy Efficiency?” held at India Habitat Center, Lodhi Road, New Delhi, 3rd April 2018 (Organizer).
- TERI Energy and Environment Data Diary and Yearbook 2015/16 Updated Edition Launch Event held at India Habitat Center, Lodhi Road, New Delhi, 3rd April 2018 (Organizer).
- Conference titled India's Soils: Science-Policy-Practice Interfaces for Sustainable Futures, 26-28 February, 2017, Organized by DST-Centre for Policy Research IIT Delhi, Revitalizing Rainfed Areas Network (RRA), WASSAN and Shiv Nadar University
- TERI Energy and Environment Data Diary and Yearbook 2015/16 Updated Edition Launch Event held at India Habitat Center, Lodhi Road, New Delhi, 21 December 2016 (Organizer).
- Workshop in Green Growth and Sustainable Development in India held at The Claridges Hotel, New Delhi, 23 November 2015 (Organizer).
- International Conference on Modeling Tools for Sustainable Water Resource Management (MTSWRM) held at IIT Hyderabad during Dec 28-29, 2014
- Workshop on Hydrological Modeling with SWAT & Groundwater Modeling with MODFLOW held at IIT Hyderabad during Dec 26-27, 2014
- National Symposium on ‘Space Technology for Food & Environmental Security’ & Annual Convention of Indian Society of Remote Sensing & Indian Society of Geomatics held at New Delhi during Dec 5 -7, 2012.
- 13th Esri India User Conference - 5-6 December 2012
- India User Conference 2012 by INTERGRAPH/ERDAS 6 February 2012
- GIS: Opening the World to Everyone. Visionary talk by – Dr. Jack Dangermond, President ESRI Inc. September 13, 2011, New Delhi, India
- 4th International Conference on HealthGIS 2011 5-6 August, 2011, New Delhi, India.

Publications

Papers

- Lal K, Sehgal M, Gupta V, **Sharma A** et. al 2020. Assessment of Groundwater Quality of CKDu affected Uddanam Region in Srikakulam District and across Andhra Pradesh, India. Groundwater for Sustainable Development, Volume 11, October 2020.
- **Sharma A**, Sarma S 2015. Resource Efficiency Roadmap for Agriculture in Punjab, New Delhi: The Energy and Resources Institute. 26 pp

- Sarma S, **Sharma A** 2015. Resource Efficiency Roadmap for Agriculture in Punjab, New Delhi: The Energy and Resources Institute. 27 pp

Books

- Sharma A 2022. Energy and Environment: an overview. TERI Energy & Environment Data Diary and Yearbook 2020/21, New Delhi, March 2022.
- Sharma A (Ed.) 2022. TERI Energy & Environment Data Diary and Yearbook 2020/21, New Delhi, March 2022.
- Sharma A, Gupta I 2021. Energy and Environment: an overview. TERI Energy & Environment Data Diary and Yearbook 2019/20, New Delhi, March 2021.
- Sharma A (Ed.) 2021. TERI Energy & Environment Data Diary and Yearbook 2019/20, New Delhi, March 2021.
- Sharma A, Dutta M, Subramanian A. 2019. Energy and Environment: an overview. TERI Energy & Environment Data Diary and Yearbook 2017/18, TERI, New Delhi, April 2019.
- Sharma A (Ed.) 2019. TERI Energy & Environment Data Diary and Yearbook 2017/18, TERI, New Delhi, April 2019.
- Sharma A, Dutta M, Subramanian A. 2018. Energy and Environment: an overview. TERI Energy & Environment Data Diary and Yearbook 2016/17, TERI, New Delhi, April 2018.
- Sharma A (Ed.) 2018. TERI Energy & Environment Data Diary and Yearbook 2016/17, TERI, New Delhi, April 2018.
- Senger A, Sharma A. 2017. Energy and Environment: an overview. TERI Energy & Environment Data Diary and Yearbook 2015/16 Updated edition, TERI, New Delhi.
- Sharma A (Ed.) 2017. TERI Energy & Environment Data Diary and Yearbook 2015/16 Updated edition, TERI, New Delhi.

Reports

- CRGGS (2015). Climate Resilient Green Growth Strategies for Punjab (Summary for Policymakers). Implemented by The Energy and Resources Institute (TERI) in Collaboration with Global Green Growth Institute (GGGI)
- CRGGS (2015). Climate Resilient Green Growth Strategy for Himachal Pradesh (Summary for Policymakers). Implemented by The Energy and Resources Institute (TERI) in collaboration with Global Green Growth Institute (GGGI).
- Review of Master Plan Delhi-2021, (2012)

Selected Conference proceedings

- 2017, Sarma, S. and **Sharma, A.** – ‘Soils in Punjab: Exploring Perceptions, Practice & Potential Avenues for Revival’. In: *India's Soils: Science-Policy-Practice Interfaces for Sustainable Futures*, 26-28 February, 2017, Organised by DST-Centre for Policy Research IIT Delhi, Revitalizing Rainfed Areas Network (RRA), WASSAN and Shiv Nadar University.

- 2012, **Sharma, A.**, Singh K.N., Bakimchandra, O. – ‘Understanding the Plight of Urban Poor using Geospatial approach: a case study in New Delhi, India’. In: *13th ESRI India User Conference*, 5-6 December 2012, New Delhi, India.
- 2012, **Sharma, A.** and Bakimchandra, O. – ‘Accessibility to Urban Green Spaces: A GIS Based Assessment’. In: *National Symposium on ‘Space Technology for Food & Environmental Security’ & Annual Convention of Indian Society of Remote Sensing & Indian Society of Geomatics*, 5 -7 December, 2012, New Delhi, India.

References

- **Dr Shailly Kedia**, Senior Fellow & Additional Director, Sustainable Development and Outreach, The Energy and Resources Institute (TERI), 6C Darbari Seth Block, India Habitat Center, Lodhi Road, New Delhi – 110003
Tel +91 9717377876 Email: shailly.kedia@teri.res.in
- **Mr Saswata Chaudhury**, Senior Fellow & Area Convener, Integrated Assessments & Modelling, The Energy and Resources Institute (TERI), 6C Darbari Seth Block, India Habitat Center, Lodhi Road, New Delhi – 110003
Tel +91 9868413300 Email: saswatac@teri.res.in