

Anmol Soni

Social - Data Scientist

STRATEGIC CONSULTATION
POLICY ANALYSIS

With a background in renewable energy and policy advocacy, I am passionate about modelling complex societal (wicked) problems. Equipped with strategic tools and grassroots experience, I aspire to work towards a sustainable and equitable future through data-driven decision-making.

Keywords: Complex Problems, System Dynamics, Agent-Based Modelling, Simulation, Data Analysis, and Visualization.



MY INTERESTS



DATA SCIENCE

Using open data for analysing and showcasing emerging socio-political trends and phenomena.



MODEL BUILDING

Encapsulating complex problems and decision arenas into qualitative computational models.



SUSTAINABLE ENERGY

Policy analysis and data-driven advocacy for accelerating transition towards a green and sustainable grid.

CAREER SUMMARY



STUDENT RESEARCH ASSISTANT (HEROS EU)

- TU Delft | TPM Resilience LAB
- April 2021 - Present
- Den Haag, NL

Building an Agent-Based Model for simulating the spread of Covid-19 and testing the policies for crisis governance. Presented the research poster showcasing the key findings of research at the International Conference of Computational Social Science 2021.



RESEARCH ASSOCIATE

- Bask Research Foundation
- June 2018 - July 2020
- Jaipur, India

Facilitated regulatory engagement in matters like Tariff Determination and Renewable Integration. Conducted research in E-mobility, Consumer Capacity Building, and Solar Pumping.



DESIGN ENGINEER (SOLAR)

- Vibgyor Energy | Sun Beam Real Ventures
- December 2017 - May 2018
- New Delhi, India

Led a team of two draftsmen and three survey engineers for designing over 3MW solar PV plants. Performed data analysis for performance optimization and took charge of stakeholder consultation.

ALMA MATER

ENGINEERING AND POLICY ANALYSIS

- Technische Universiteit Delft (TU Delft)
- September 2020 - August 22
- Masters (Honors program)
- Pursuing Honours program with a focus on sustainable energy policy.
- Electives: Advanced Agent-Based Modelling, Simulation, and System Dynamics.
- Extracurricular: Board member of the study association **Dentatus**.
- Doing a consultation project focused on geothermal energy for Rotterdam Municipality.

POWER PLANT ENGINEERING

- National Power Training Institute
- September 2015 - September 2016
- Post Graduation Diploma
- Graduated with a Distinction.
- Researched optimum O&M practices for Internal Recirculation Fluidised Bed Boiler while leading a team of six members.

ENVIRONMENTAL LAW AND POLICY

- WWF India | National Law University Delhi
- September 2019 - September 2020
- Post Graduation Diploma
- Gained insights into the global environmental discourse.
- Addressing environmental conflicts at legal and policy fronts.

MECHANICAL ENGINEERING

- RTM Nagpur University
- August 2011- August 2015
- Under Graduate Degree
- Graduated with First Division.
- Co-curricular: Traineeship at National Thermal Power Corporation, India.
- Extracurricular: Held position of Cultural Secretary in the study association.

CERTIFICATIONS AND WORKSHOPS

ENERGY ECONOMICS AND POLICY

Indian Institute of Technology,
Madras
November 2019

Learned economic principles governing generators, demand management, and policy regime in the electricity sector.

PYTHON FOR DATA SCIENCE

Indian Institute of Technology,
Madras
November 2019

Learned basics of python programming for data analysis and visualisation.

I-POLICY FOR YOUNG LEADERS

Center for Civil Society,
New Delhi
2018

Learned fundamental concepts of policymaking in education, poverty, law, and politics.

ENERGY EFFICIENCY IN EMERGING ECONOMIES

International Energy Agency
2018

Gained international insights into planning and implementing energy efficiency policies in emerging economies.

GRID CONNECTED SOLAR DESIGN FOR ENGINEERS

National Institute of Solar Energy
2018

Learned basic concepts of design and installation of grid-connected rooftop solar power plants.