

Anuja Negi

Email id: negi.anuja06@gmail.com

Contact no.: +91-9810861811

Skype ID: anuja.negi1

Career Objective

Seeking a career with organization having innovative and sustainable approach towards the development of the society and environment, which will help me to explore myself, realizing my potential, and gain knowledge in related field, willing to work as key player in challenging and relative environment to continuously upgrade and acquire knowledge and skills to effectively use in industry.

Skills and trainings

1. Proficiency in: ArcGIS, ERDAS Imagine, QGIS, Geoda, GPS, Global Mapper, HTML, MS Excel, MS Office, Windographer, , AutoCad Map
2. Rudimental in: Tableau, R Statistical Language, Python

Experience

Duration	Location	Organization	Position	Description
June 2018 to Present	Delhi	Teamlease Services Ltd. (Airports Authority of India)	Jr. Consultant (Surveyor Cum GIS Analyst)	<ol style="list-style-type: none">1. GIS technical support to survey and cartography department in Airports Authority of India.2. GIS technical support in ASM and Flight Path Design Charts.
November 2017to June 2018	Delhi	Asian Consulting Engineers Pvt. Ltd.	Project Executive	<ol style="list-style-type: none">1. GIS technical support to EIA projects2. Field surveys for ground truthing, meetings with client and stakeholders, FGDs
October 2016 to October 2017	Gurgaon, Haryana	WindForce Management Services Pvt. Ltd.	GIS Associate	<ol style="list-style-type: none">1. Support in Wind Resource Assessment and technical inputs in GIS for development project.2. Preparation of tender documents and inputs for web portal for First Offshore Windfarm Project of India
January 2016 to April 2016	Ahmednagar, Maharashtra	Watershed Organization Trust (WOTR)	Intern	Topic: Drought monitoring in 4 districts of Maharashtra' Topic: Impact Assessment of Integrated Watershed Management Program in Ahmednagar district of Maharashtra'.
May 2015 to July 2015	Delhi	National Institute of Hydrology (NIH)	Intern	Topic: Morphometric analysis and Prioritization of Sub-watersheds of Ur river watershed in Tikamgarh district of Madhya Pradesh'.

Education

Qualification	College	University	Performance	Year
M.Sc. Geo-informatics	TERI University	TERI University	7 CGPA	2014-16
B.Sc.(H) Chemistry	Gargi College	Delhi University	63.25 %	2010-13

Current Projects

Project	Airports Authority of India, New Delhi
Duration	June 2018 to present
Position held	Jr. Consultant (Surveyor cum GIS analyst)
Thematic area	International Civil Aviation Organization (ICAO) standard based maps and charts preparation.
Main project features	<ul style="list-style-type: none"> Preparation of ICAO standard based civil aviation charts and maps. Collection of data and authentic information from Survey AIP and eAIP (from Airports Authority of India website) Experience in preparation of Grid Map, aerodrome chart, parking docking chart, Type – A chart, Type – B chart, 30 NM, Vicinity Chart, Flight path design charts, GIS technical support in preparation of Air Traffic route charts for publication. Technical support in inputs for eTOD(Electronic Terrain Obstacle Data) published in AAI official website (http://aaians.org/ansci/etod/index.php)

Project	Wind Resource Assessment Projects
Duration	October 2016 to October 2017
Position held	GIS Analyst
Thematic area	Wind data analysis and wind mapping using mesoscale modeling.
Main project features	GIS technical support in Wind Resource Assessment for: <ul style="list-style-type: none"> i) Sustainable Energy Development Authority (SEDA), Malaysia ii) Wind-Solar hybrid project with Solar Energy Corporation of India Ltd. (SECI), MNRE iii) Wind-Solar Hybrid Project of National Thermal Power Cooperation (NTPC)

	<p>iv) Wind-Solar hybrid Project with Ministry of Power, Energy and Mineral Resources, Bangladesh – World Bank – A&M</p> <p>v) Wind-Solar hybrid Project at Rangbali District of Bangladesh (Ministry of Power, Energy and Mineral Resources, Bangladesh project) – World Bank – A&M</p> <p>Working with satellite data (NCEP/NCAR & MERRA, DEM).</p> <p>Proposing optimized WTG location.</p>
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Project	Forecasting and Scheduling
Duration	October 2016 to October 2017
Position held	GIS Analyst
Thematic area	Scheduling of generation data to State Load Despatch Center (SLDC), Gujarat site.
Main project features	Scheduling, Comparison of forecasted vs actual generation, preparing Daily Generation Report (DGR), data cleaning and filtering using excel, correlation and regression.

Project	First Offshore Wind Project of India (FOWPI)
Duration	October to Present
Position held	GIS Analyst & Support to Manager
Thematic area	Offshore wind energy
Main project features	<ul style="list-style-type: none"> Organized workshops and conferences for First Offshore Wind Project Of India: <ul style="list-style-type: none"> i) RE-Expo 2017, REWC-2017 at Pragati Maidan, Delhi ii) Metocean Workshop at National Institute of Wind Energy (NIWE), Chennai. iii) “India Offshore Wind Workshop” at WindEurope Conference 2017, Amsterdam. Inputs for web portal cum Knowledge Bank (www.fowpi.in), Creating bathymetry map, meetings with potential stakeholders, arrange meetings with MNRE, NIWE and EU.

Project	EIA Projects of dredging area for proposed naval dockyard near Mumbai Port Trust.
Duration	February 2018 to June 2018
Position held	Project Executive, GIS Expert.
Thematic area	EIA studies, Time series analysis of shoreline change
Main project features	<ul style="list-style-type: none"> • Time-series quantitative analysis of shoreline movement over 20 years. • Change in LULC • Bathymetry data analysis

Project	EIA and Resettlement Action Plan for Lusaka Sanitation Program (for Lusaka Water and Sewerage Company)
Duration	January 2018 to Present
Position held	Project Executive, GIS Expert
Thematic area	Field Survey to Peri-urban areas of Lusaka, Zambia, RAP for affected areas, proposing alternate sewer line route, creating database on high resolution aerial drone image (2m spatial resolution)
Main project features	<ul style="list-style-type: none"> • Geodatabase management of households affected by proposed sewer network • Field survey along the sewer network; Collection of field data on an in-house mobile app and updating on cloud server • Organized and managed inception meeting with clients and affected affected stakeholders

Project	ESIA & RPF for construction of 400kV transmission line in Malawi for ESCOM (Electricity Supply Cooperation of Malawi Limited)
Duration	November 2017 to February 2018
Position held	Project Executive, GIS Expert
Thematic area	High resolution satellite imagery (Rapid Eye satellite data, spatial resolution 5m), Alternate route plan for transmission line
Main project features	<ul style="list-style-type: none"> • Time series quantitative analysis of land use land cover change using Landsat imagery. • Quantitative LULC from high resolution satellite data. • Creating geodatabase. • DEM maps from satellite data.

International fields during work:

1. Lusaka Sanitation Program in Lusaka, Zambia (January 2018):

- i. Feld visit to peri-urban areas of Lusaka, Zambia, for inspection walk on the proposed sewer line route.
- ii. Inception meeting with the clients.
- iii. One on one meeting and FGDs with the affected stakeholders.

2. India Offshore Wind Workshop at WindEurope in Amsterdam, Netherlands (November 2017):

- i. Part of the organizing team of "India Offshore Wind Workshop" at WindEurope in Amsterdam, Netherlands.
- ii. Participated as an anchor of the workshop, representing India.

Papers and Presentations

1. *"Morphometric Analysis and Prioritization of Sub-watersheds of Ur River basin"*, from National Institute of Hydrology, Delhi
2. Paper presented in National Seminar on *"Water: A threatened Social Resource of the Century"* by Department of Geography, Women's Christian College.
3. Paper on *"Estimation of Flood Inundated areas in a part of Assam by calculating different indices, using LANDSAT 8 sensor"* as in independent project.
4. Project with EMMAAA (Emerging Markets Automotive Advisors) *"To identify the kind of automobiles preferred in different zones of India, using GIS and remote sensing and by use of AHP"*.
5. *"Drought Monitoring in four districts of Maharashtra using different drought indices"* with Watershed Organisation Trust (WOTR), Ahmednagar, Maharashtra.
6. *"Impact assessment of Watershed Development projects in Vijubhabhulgaon village in Ahmednagar district of Maharashtra"* with Watershed Organisation Trust (WOTR), Ahmednagar, Maharashtra.
7. Independent project on *"Estimation of flood inundated areas by calculating different indices, using Landsat 8 sensor, in a part of Assam."*

Achievements

1. Participated in the seminar on Building Climate Resilient Cities at TERI University.
2. Volunteer in International Conference on Sustainable Fuels for IC Engine 2015.
3. Add-On Course on Climate Change-Concerns Actions and Career Paths in Gargi College, DU.
4. Participated in a campaign for Sustainable Development, organized by Rio+20 UN.
5. Editor and executive member of Chemistry Society "Amalgam" in Gargi College.
6. Won meritorious awards in athletics, at zonal, inter-zonal, state level, CBSE clusters, and National levels.
7. Participated in volleyball matches at zonal, inter-zonal and state level.

Personal Details

1. Date of Birth: 06-01-1990
2. Father's Name: Mr. G.S. Negi
3. Languages Known: English and Hindi