

SHREYA WADHAWAN

shreyawadhawan5@gmail.com

(+91)-9599135938

Dwarka, New Delhi, India

EXECUTIVE SUMMARY

Dedicated environmentalist and GIS enthusiast with almost 2 years of experience in combining my two passions. Hands-on knowledge and experience in the operation of ESRI GIS software, including ArcGIS 10.1 and above, ArcMap, Model Builder and ERDAS. Genuinely excited and enthusiastic about learning and pushing technical limits / finding new solutions.

CORE COMPETENCIES

- GIS Applications: ArcGIS Desktop (10.1, 10.3, 10.5) software, ERDAS Imagine 9.1 software
- Statistical Tools: SPSS, Minitab 16
- GPS Device (Working and data transfer)
- MS Office (Excel, Word, PowerPoint)
- Data Management (Acquisition, Interpretation and Analysis)
- Documentation and Report Writing
- Critical thinking and complex problem-solving skills
- Resourceful, Reliable, Adaptable, Hard-working and Responsible.

INTERNSHIPS

IIRS, ISRO, INDIA

RESEARCH TRAINEE [01/2020 – 08/2020]

Thesis Title: To Study Decadal Trend Analysis of Air Pollution over India.

- Satellite data acquisition from MODIS (Aqua-Terra) and AERONET platforms.
- Data interpretation and output analysis using ArcGIS, MeteoinfoMap and HYSPLIT software's.
- Successfully made 2 models (PSCF and CWT) for the study of air pollution trajectories over Delhi, NCR region.

EDUCARE, INDIA (NGO) | DDMA, Kangra, HP

PROJECT ASSISTANT [06/2019 – 08/2019]

Project Title: GIS mapping of the open drainage system in Dharamshala, Himachal Pradesh.

- Primary Data Collection using GPS device.
- Preparation of Thematic maps using ArcGIS software for data interpretation and analysis.
- Documentation and ArcMap review for DDMA, Kangra.

PROJECTS

SVC, South Campus (INNOVATION PROJECT)

RESEARCH STUDENT [2016 – 2017]

Project Title: To study the effects of MWCNT's on plant growth (*Triticum aestivum*).

- The research paper was published in DU Journal of Undergraduate Research and Innovation.

WWF ▪ New Delhi

VOLUNTEER [10/2018 – 01/2019]

Project Title: One Planet Academy

- OPA app, OPA quizzes and games, school workshops and art events.

EDUCATION

Board / Course	Year of Passing	Institute / School name	% / CGPA
M.Sc. Environment Management	2020	GGSIU (USEM), Dwarka	9.24 (Gold Medalist)
B. Sc. Botany	2018	Sri Venkateswara College, DU	8.5
Higher Secondary School (12th Std.)	2015	Bal Bharati Public School, Dwarka	92%
Secondary School (10th Std.)	2013	Bal Bharati Public School, Dwarka	9.4

POSITION OF RESPONSIBILITY

- **Member of Student's Council** (2019-2020), GGSIPU.
- **Academic School Representative**, University School of Environment Management, GGSIPU.
- **Anchor** for the **WORLD ENVIRONMENT DAY CONVENTION EVENT-HREEC, UNEP.**
- **Head of Management Team** for **International Environmental Conference "ENCON 2017"** which was a united collaboration of Sri Venkateswara College with the delegates of **United Nations.**
- **Activity Coordinator** of the school for the years 2010-2011.
- **Discipline in-charge** of the school for the year 2007-2008.

WORKSHOPS, SEMINARS AND CONFERENCES

- Field Visit and One Day Workshop-**IOCL, Mathura Refinery.**
- Awareness Program on "Safety and Security aspects for Emergency Response of MAH units"-**BPCL Complex, Mathura.**
- National Level Training Program on "Climate Change, Hill Area Development and Landslide Zone Management"-**CoEDMM, IIT Roorkee and NIDM.**
- Innovation Summit and Exhibition-**UNEP, India.**
- Workshop on "Climate and Health" under **US INDIA partnership for Climatic Resilience-TERI, India.**
- **3rd Congress of Indian Laboratories**-Holiday Inn, Aerocity, New Delhi.

PERSONAL DETAILS

- Date of Birth : 13-01-1997
- Gender : Female
- Nationality : Indian
- Languages : Proficient in speaking, reading and writing English, Hindi
- Permanent Address : B-401, Palm Court Apartment, sector 19B, plot no. 3, Dwarka-110075

REFERENCES

PROF. AMARJEET KAUR ▪ DIRECTOR, CDMS, GGSIPU
+91- 9810479919, amarjeet_ip@yahoo.in