RAVINDRA GANGWAR

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OBJECTIVE

An environment conscious, proficiency in groundwater characterization, groundwater contaminant transport, and groundwater modeling. I look forward to learning new technologies and models by working in an organization that provides me relevant opportunities to do so.

PROFESSIONAL SUMMARY

Ambitious and flexible project management professional holding M. Tech degree from Graphic Era Deemed to be University, Dehradun with an experience in the field of Hydrological modeling, and currently working as Junior Research Fellow at National Institute of Hydrology, R.C. Bhopal. Looking forward to apply my knowledge and experience in environment and sustainability sector and to learn new techniques.

EDUCATIONAL QUALIFICATION

DEGREE	UNIVERSITY/BOARD	INSTITUTE/SCHOOL	SPECIALIZATION	YEAR	CGPA/%
M.Tech	Graphic era deemed University, Dehradun	Graphic era deemed University, Dehradun	Geoinformatics	2016-18	9.19
B.Tech	Graphic era deemed University, Dehradun	Graphic era deemed University, Dehradun	Civil Engineering	2011-15	6.2
Intermediate	Uttrakhand Board	SVM Inter College, Rudrapur	PCM	2010	57 %
Martriculation	Uttrakhand Board	SVM Inter College, Rudrapur	PCM	2008	71 %

ACADEMIC PROJECTS

Sediment Yield Modelling of Baronda watershed using swat Hydrological Model
| M. TECH. PROJECT

Project Advisor: *Prof. Nitin Mishra* (Associate Professor, Civil Engineering and Department., GEU, Dehradun)
Project CO-Advisor: *Dr. Arpit Chauksey* (Scientist/Engineer "SD", WRD, IIRS, Dehradun)

1. To prepare geo-database for Baronda watershed for hydrological and sediment yield modelling.
2. To estimate discharge characteristics of Baronda watershed from year 2000 to 2010.
3. To estimate the sediment yield variation at the outlet of Baronda watershed.

Impact of Climate Change on Hydrology of baronda Watershed (MAHANADI BASIN)
| M. TECH.PROJECT

Project Advisor: *Prof. Nitin Mishra* (Associate Professor, Civil Engineering and Department., GEU, Dehradun)
Project CO-Advisor: *Dr. Arpit Chauksey* (Scientist/Engineer "SD", WRD, IIRS, Dehradun)

1. To Estimate the Monthly Stream flow in Baronda Watershed using SWAT Model.
2. To Calibrate and Validate the Monthly Stream flow using SUFI-2 Algorithm in SWAT CUP.
3. To Analyze the Impact of climate change in basin for past decade using Remote sensing and Gis techniques.

Professional Experience

- Name of Project Company: Genesis international Pvt. Ltd
  Project Title: Classification & Digitizing data using Q-gis
  My Role: Gis Trainee
  Duration: 3 month
- Name of Project Company: Map MY India
  Client Name: Apple
  My Role: Gis Expert
  Organization: Mapmyindia Pvt.
  Ltd. Duration: 8 months.
- Job Title: Junior Research Fellow
  Project Title: DST Sponsored Project "Networking the Revivals of ponds through Scientific Interventions"
  Organization: National Institute of Hydrology, R C Bhopal
  Duration: 21 February to 31 December 2019.

SKILLS

Softwares- MS Office, ERDAS imagine, Envi, ArcGIS, QGIS, Auto-cad
Programming Languages - MATLAB, C, C++
Other Skills - DGPS, GPS Application, Hydrological Modeling, SWAT model, SWAT_Cup, SDSM, HEC-RAS, HEC- HMS

PAPER PUBLISHED

- M Shailly[1], N Mishra, A Chouksey, Ravindra gangwar[1] (2018) "Sediment Yield Modelling of Baronda Watershed Using Swat Hydrological Model" Abstract published in proceedings of International conference on sustainable technologies for Intelligent Water management (STIWM) 2018.

References

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