SAIKAT MAITI

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Objective

I always want to involve in those things which I love most and try not to give up.

Area of Interests [LinkedIn website]

- Remote Sensing
- GIS
- Mapping
- Map Visualization
- Data Management
- Cartography
- Hydrological Modeling
- Hazard and disaster management

Accomplishments

- UN Habitat III program for Monitoring of Global Urban Expansion.
- Completed the "NASA Remote Sensing Observations for Flood Management", August 10, 2015.
- Certificate in Disaster Management from IGNOU, 2011.
- Selected for the Environmental project conducted by British council, 2010.

Current Profile

Company/ Institute	Designation	Joining Date	Leaving Date	Responsibilities
Mahatma Education Society, UXO Department, Panvel, Navi Mumbai [Jointly worked with NYU, Stern School of Business]	Image Analyst	5th January, 2015	-	- Digital image processing - Categorizing Land-use from high resolution Bing imagery in Java Open Street Map. - Quality checking and error fixing using python script.

Academic Details

Degree	Course Duration	Institute	Year of passing	Percentage/ CGPA	Remarks
P.G. Diploma in Geoinformation Science and Earth Observation	23RD SEPT 2013-25TH JULY 2014	Indian Institute Of Remote Sensing (ISRO), India & ITC, Netherlands	25th July, 2014	70	Good
Advance certificate course on Microwave (SAR) Remote Sensing for Natural Resources	03rd February to 29th March, 2014	Indian Institute Of Remote Sensing (ISRO)	29th March, 2014	-	Completed
Masters in Geography	2 Years	Rabindra Bharati University	2012	7.85	1st Class
B.A (Honors') Geography	3 Years	University of Calcutta	2010	54.50	2nd Class
Higher Secondary (10+2)		WBCHSE	2007	70.57	1st Division
Secondary		WBBSE	2005	75.50	1st Division

Technical Skills

- **MS Packages**: Office: 2003, 2007, 2010 and 2013.
- **GIS Software**: ESRI Arc GIS 10.0 & above, ArcGIS Online, QGIS, JOSM, PostGIS, 21st Century GIS Software, Geometica 10.2.
- **Image Processing Software:** ERDAS 9.1 and above; LPS; ENVI 4.7& 5.0.
- **Hydrological Software/ Model:** ILWIS 3.3 & 3.8, HEC RAS, HEC HMS.
- **Mapping Studio:** Mapbox Studio, CartoDB.
- **AutoCAD:** version 2014
- **Others:** ALOHA 5.4.3, Cropwat 8.0
- **Computer Language:** SQL, Python, JS (Beginner).
- **Adobe Packages:** Adobe Photoshop 7.0 & above.
- **Instrument:** GPS, DGPS, Dumpy Level, Prismatic Compass.
- **Operating System**: Windows XP, Windows Vista, Windows 7& above

Academic Projects

Project Title	Description	Guide Name	Project work
Development of Hydrological Tool for Flood Peak Estimation Using Open Source Geospatial Tool	PG Diploma project (13th May, 2014 – 19th July, 2014)	**Dr. Praveen K. Thakur** Scientist "SE" **Mr. Prasun K. Gupta** Scientist "SD"	The objective of this project is to make an open source tool for flood peak estimation. We can do this exercise with the help of HMS plug-in for ArcGIS and HEC-HMS software but it's very complicated and costly. This tool will help to do basin processing from digital elevation model and after delineation of river basin it will show the flood peak at selected outlet. This is very basic tool at this stage but later it can be use as a useful plug-in for QGIS.
Avulsion of R. Jalangi and Formation of Cut-off **Specialization: Fluvial Geomorphology**	M.A. project (Jan.2012 –Jun. 2012)	**Dr. Biswajit Bera** Department of Geography Rabindra Bharati University	This project focused on avulsion of R.Jalangi, Nadia, West Bengal. This work mainly looks after avulsion of river Jalangi from the Rennel's period (1766). The part of this study is to found decaying of this river and shifting of this river from historical time period using time series satellite data and topographical maps.

Publication

Presented paper "**DEVELOPMENT OF HYDROLOGICAL MODELING SYSTEM FOR FLOOD PEAK ESTIMATION USING OPEN SOURCE GEOSPATIAL TOOLS**" at *OSGEO-India: FOSS4G 2015* - Second National Conference "OPEN SOURCE GEOSPATIAL TOOLS IN CLIMATE CHANGE RESEARCH AND NATURAL RESOURCES MANAGEMENT" 8-10TH JUNE 2015.

Other Projects

- Mini Project on Database Design for Flood Management System, Nov-2013.
- Mini Project on **Site Suitability Analysis** for New Hospital, DehraDun, Oct-2013
- Developed an Evapo-transpiration.
- General project in masters entitled "*A Geo-environmental Appraisal of the Paro Dzong, Bhutan*"
- Study on **Coastal morphology and processes** of **Bakkhali**, West Bengal, 2011& '12.
- Worked on River **Bank erosion and socio-economic condition** of **Sundarban, 2010.**
- Studied the **physical and socio economic survey** at **Bheraghat (Jabalpur, M.P., 2009)** at UG level.

Hobbies
- Cooking
- Trekking
- Travelling
- Painting

Personal Details
- Date of Birth (dd-mm-year)   : 21/05/1990
- First Name   : Saikat
- Family Name   : Maiti
- Gender   : Male
- Father's Name   : Mr. Babulal Maiti
- Mother's Name   : Mrs. Nilima Maiti
- Nationality   : Indian
- Home Town   : Nandakumar
- Permanent Address   : Sandalpur, Sitalpur, East Medinipur
- Permanent Phone No.   : +919883512961
- Passport No.   : L2027054
- Mobility   : Willing to relocate anywhere in India and abroad

DECLARATION

I, hereby declare that the above-furnished particulars are true to the best of my knowledge and belief. If given a chance, I will prove my efficiency, my loyalty and willingness to work.

Saikat Maiti