

ANIKET NAVALKAR
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CAREER OBJECTIVE:

- Engage in cutting edge research to build an understanding of sustainability and climate related issues in Indian habitats and to help policy makers develop appropriate strategies for adaptation and mitigation.

SKILLSET:

- Quantitative Data Analysis skills in R language and other statistical software like SPSS.
- GIS and remote sensing on Arc GIS, ERDAS IMAGINE and Open Source GIS platforms.
- Mathematical and Statistical modelling skills.
- Knowledge of Applied Complex Systems and Network Theory.
- Work experience in enterprise LAN and WAN management and network security. Working skills in the Linux as well as Windows environment, open office, Microsoft Office.
- Good Programming Logic.
- Scientific & an analytical approach to problem solving.

NOTABLE ACHIEVEMENTS:

- Recipient of the C M Pandit Water Fellowship 2016.
- Recipient of the 2012 – 2013 TISS-MPI fellowship for the Urban Aspirations Project on Mumbai.
- Recipient of the Best Dissertation Award 2013, School of Habitat Studies, TISS.
- Been a key part of designing and implementing a survey for demand assessment as an intern in the Urban Transportation Project of the Mumbai Transformation Support Unit (MTSU), Government of Maharashtra.
- Been a participant in the Community Access Survey as a part of Transform M Ward initiative of the Tata Institute of Social Sciences.
- Delivered a public lecture on “The Scope of International Education” at a conference conducted by ICEED (International Consortium for Economic and Educational Development) in Fredericton, New Brunswick, Canada in 2007.

EDUCATION:

- **PhD in Climate and Sustainability Studies, Tata Institute of Social Sciences (2014- Ongoing)**
Dissertation Topic: Determining the resilience index of a flood affected region along the Koshi river basin in rural Bihar. Guide: Dr T Jayaraman.
- **Masters in Habitat Policy and Practice, Tata Institute of Social Sciences (2011- 2013).**
Core Concentration: Planning and the Indian City. Courses: Urban Sociology, Urban Economics, Urban Transportation, Introduction to GIS, Applications of Remote Sensing, Research Methodology.
- **Diploma in Computer Network Technology (Network Design and Administration) (2007- 2009) from NBCC Moncton.**
- **Bachelor of Science Degree in Physics (Majors) from the University of Mumbai, India. (2004)**
- **12th, KC College, Churchgate, Mumbai (1998).**
- **10th, St Xavier's High School (Fort), Dhobi Talao, Mumbai (1996).**

WORK EXPERIENCE:

- **GIS / GPS Officer, Konkan Railway Project, Centre for Climate and Sustainability Studies, School of Habitat Studies, TISS (January 1st 2017 – present)**
Job Summary: GIS Analysis, Remote Sensing and change detection analysis, Data collection and Ground Truthing for the project titled “Socio – Economic and Environmental Impacts of Konkan Railways”
- **Project Officer (TISS Climate Conference 2016, July 1st 2016– December 31st 2016), Centre for Climate and Sustainability Studies, School of Habitat Studies, TISS.**
Job Summary : Management and organisation of the TISS climate conference , editing conference proceedings.
- **Academic Associate at CEPT University, Ahmedabad (July 22 nd 2013- June 15 th 2014)** Job Summary: Technical and academic input in GIS labs and studio for MPlan and BPlan. Taught a GIS elective course “Introduction to GIS science & applications” in the second semester to Masters Students in Landscape Architecture, Habitat Management and Civil Engineering.
- **ALLSCO Construction Company, New Brunswick Canada (May 19 th 2009– October 1 st 2009) (www.allSCO.com)**
Job Summary: UNIX and Windows Server 2003 Administration, Day to Day IT maintenance, Maintain Software flow control. Work in pref CAD for windows design and management of proprietary software.
- **SITEL, Moncton, New Brunswick, Canada. (July 13 th 2007 – June 10 th 2010)**
Job Summary: Tech Support Specialist. Providing technical support and assistance, troubleshooting internet connectivity and wireless issues for Bell Sympatico and Wimax
- **Goalfinder, Mumbai, India. (May 21 2004 - July 9 2004). (www.goalfinder.com):**
Job Summary: Research subject matter on a concept in physics, conceive an animation based on the concept and write a technical script.

PUBLICATIONS

- Conference Paper : Application of the efficiency approach of the hybrid social – physical networks (HSPN) in obtaining a resilience index for flood scenarios. Presented at 7 th Annual International Conference on Climate Change. Conference Proceedings.
- Conference Paper: “Representing 'Social Catchments' of Mumbai's open spaces in Quantum GIS”, AGSE 2013 conference proceedings, AGSE Publications.
- Monograph: “Understanding the Catchment Area parameter of open spaces in socio – spatial backdrop of Mumbai”, 2014, copy right Dspace, TISS – MPI Fellowship Program.

INDEPENDENT CONSULTATION PROJECTS

- GIS consultation for a UNDP – MoEF project to develop a compendium of appropriate housing technologies. (June 2014 – October 2014).
This project was a geomatics component of a larger endeavour towards the developing a compendium of appropriate, green technologies for housing construction supported by the Indira Awas Yojana in the state of Maharashtra supported by GoI and UNDP
- GIS consultation to a landscape restoration project endeavoured by Tata Trust in Nagpur, Maharashtra. (March 2015 – April 2015).

HOBBIES:

- Swimming: Have been a competitive swimmer in school. I participate in open water swimming competitions every year.
- Wildlife: Have volunteered for nature trails and conservation activities conducted by the Bombay Natural History Society of which I was an active member.

REFERENCES:

- Dr T. Jayaraman, Professor and PhD guide, School of Climate and Sustainability Studies, School of Habitat Studies TISS.
Email: tjayaraman@gmail.com

- Dr Unmesh Patnaik, Assistant Professor, School of Climate and Sustainability Studies, School of Habitat studies, TISS.
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