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**Curriculum Vitae: Mr. Devidas Tambe (September, 2018)**

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**Mr. DEVIDAS T. TAMBE**

Assistant Professor

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**Academic qualifications:**

1. Master of Science in Geo-Information Science and Earth Observation,  
Specialization: Geoinformatics (Sept 2009 to March 2011-18 Months)  
Faculty of Geo-information Science and Earth Observation (ITC), University of Twente,  
Enschede, the Netherlands.
2. Masters in Geography  
Specialization: Geomorphology (2004 - 2006)  
Department of Geography, University of Pune, Pune.
3. NET (National Eligibility Test) for Lectureship in India. (June 2008)

**Specialization:**

Geoinformatics and Geomorphology.

**Research Interests:**

Spatial Statistics, Object Based Image Analysis, Digital Geomorphometry, Sedimentology etc.

### **M.Sc Thesis:**

**Title:** Deriving Urban Neighborhood Characteristics Using Spatial Autocorrelation Measures (M.Sc Thesis Submitted to University of Twente, Enschede, The Netherlands).

**First Supervisor:** Prof. Dr. Ir. Alfred Stein, Chairman of the Department of Earth Observation Science, University of Twente.

**Second Supervisor:** Ir. M. J. G. Brussel, Lecturer at University of Twente.

**Thesis Advisor:** Ms. Deepthi Durgi, Ph.D at University of Twente.

### **Employment Record:**

1. **Assistant Professor of Geography**, Department of Geography, University of Mumbai, Mumbai.
2. Worked as **Assistant Professor** for Geography subject at Department of Geography, Sathaye College, Dixit road, Vile Parle (E), Mumbai – 400057 between December, 2013 and April, 2014.
3. Worked as Engagement of **faculty on contract basis** for Geography subject at Department of Geography, School of Earth Sciences, Central University of Karnataka, Gulbarga – 585106 between September, 2013 and December, 2013.
4. Teaching experience as a **contributory teacher** for MSc Geoinformatics at Department of Geography, University of Pune, Pune, between December, 2012 and April, 2013.
5. Worked as **Research Assistant** at Science and Technology Park, University of Pune in the project SECOA: Solutions for Environmental contrasts in Coastal Areas funded by European Commission, Brussels, Belgium. (April 2011 and September 2012). Principal Investigator: **Prof. Dr. Vishwas S. Kale**, Department of Geography, University of Pune, Pune.
6. Worked as **Project Fellow** in UGC (University Grants Commission, New Delhi, India) sanctioned Major Research Project entitled “Evaluation of Geomorphic and Anthropogenic effects on the development of Badland along Adula and Mahalungi Nadi in Pravara Basin, Maharashtra” between September 2007 and July 2009. Place of work: Department of Geography, University of Pune, Pune.

### **Computer awareness:**

- Programming languages: SQL, Python, Matlab, R and Q-Basic languages.
- RS and GIS software: ArcGIS, ERDAS, LPS, eCognition, QGIS, Saga, Grass, Fragstat etc software's.

### **Publications:**

1. Durgi, D, Brussel, M.J.G., **Tambe, D.**, Stein, A, Zuidgeest, M, Maarseveen, M (2017). Deriving Urban Neighborhood Characteristics Using Spatial Autocorrelation Measures, (CUPUM2017 Conference Proceedings) 15th International Conference on Computers in Urban Planning and Urban Management (CUPUM 2017), Hosted by the School of Art, Architecture & Design, University of South Australia, Adelaide, South Australia, Australia
2. Joshi, V.U, **Tambe, D** (2010). Estimation of infiltration rate, run-off and sediment yield under simulated rainfall experiments in upper Pravara Basin, India: Effect of slope angle and grass-cover. *Journal Earth System Science*. 6(119), 763-773.
3. Joshi, V.U, **Tambe, D**, Dhawade, G (2009). Geomorphometry and Fractal Dimension of a Riverine Badland in Maharashtra, India. *Journal Geological Society of India*. 73, 355-370.
4. Joshi, V.U, **Tambe, D** (2008). Formation of Hydroxy – Interlayer Smectites (HIS) as an evidence for paleoclimatic changes along the riverine sediments of Pravara Rivers and its tributaries in Maharashtra. *Agropedology*. 27(1&2), 1-12.

### **Paper presented or Resource Person:**

- Devidas Tambe., Deepthi Durgi, Mark Brussel, Alfred Stein (2015). Deriving Urban Neighborhood Characteristics Using Spatial Autocorrelation Measures, 36th Congress Of The Institute Of Indian Geographers (IIG) And International Seminar On Environmental Changes And Challenges: Local, Regional And Global Perspective, 25 - 28 February, 2015, Gauhati, Assam.
- Devidas Tambe (December 21-22, 2016.) Resource person and paper presented: Deriving urban neighbourhood Characteristics using OBIA and Spatial Autocorrelation methods. Two Days State Level Seminar on Geographical information System and its application. Arts, Commerce and Science College, Neminagar, Chandwad, Dist Nashik.
- Devidas Tambe (February 23, 2017) Paper presented on Extraction of morphometric characteristics using Grass Tools, Study of Adula River, Maharashtra, National Conference on Emerging Dimensions in Geographical research for Sustainable Development. Department of Geography, University of Mumbai, Mumbai.

### **Conference Abstract:**

1. **Tambe, D.** N. Susware, S. Pawar, V.S. Kale (2011). Comparison of Land Surface Parameters Derived from SRTM and Aster Digital Elevation Datasets and from Cartosat-DEM: A Case Study of Mumbai Metropolitan Region, “24<sup>th</sup> Indian Institute of Geomorphologists National Conference and Annual Convention on Coastal Dynamics and Geomorphology”, 19-22 October, 2011Chennai, 37-38 page no.

2. **Tambe, D.** (2009). Landscape process scale and data resolution – A comparative study of the badlands formed along the river banks and foothill pediment zones. “XXXth IIG Conference”, 20-22 February, 2009. Department of Geography, University of Pune.
3. Joshi, V.U, **Tambe, D** (2008). Geomorphometry and Fractal Dimension of a Riverine Badlands in Maharashtra derived from High Resolution Data, “XX Annual Meet of Indian Institute of Geomorphologists (IGI) and National Seminar on Geomorphology in Disaster Mitigation and Management”, 15-17 February, 2008 Varanasi, 107 page no.

#### **Attended international conferences and seminars:**

- Attended 1 day training course on dissemination held in Rome, Italy at Sapienza University on May 4<sup>th</sup>, 2012.
- Sixth international conference on Geographic Information Science 2010, 15<sup>th</sup> to 17<sup>th</sup> September 2010. (University of Zurich, Department of Geography GIS/GIVA, Zurich, Switzerland).
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#### **Attended national conferences and seminars:**

- New Thrust Areas in Teaching and research in Geography. Organized by Department of Geography, Savitribai Phule Pune University, Ganesh khind, Pune- 411007. Date: December 29, 2014.
- Indian Science Congress, Organized by Department of Geography, University of Mumbai, Mumbai. Date: January 3-7, 2015.
- 'Advances in Geography', Organized by Department of Geography, University of Mumbai, Mumbai. Date: March 30, 2015.
- Acted as Rapporteur in National conference on emerging trends in Geography and Environmental Dynamics. Department of Geography, University of Mumbai, Mumbai. Date: March 3, 2018.

#### **Short Course:**

- 21 Days NRDS-DST sponsored Winter School Training Programme in Geospatial Technologies Organized by Department of Geography, Himachal Pradesh University, Shimla (from 08 November 2016 to 28 November, 2016).

#### **Scholarship awarded:**

- 'Erasmus Mundus External Cooperation Window Lot 15 *India*' coordinated by Lund University, International Relations Office, Lund, Sweden and financed by the European Commission, Brussels, Belgium. A grant awarded for M.Sc study at the ITC, University of Twente in The Netherlands.

**Travel Abroad:**

- Visited the Netherlands, Belgium, Germany, France, Luxembourg, Switzerland and Italy for academic and tourist purposes.

**Declaration:**

I hereby declare that the above information is correct true and complete to the best of my knowledge and belief. I bear the responsibility for the correctness of the above mentioned particulars.

**Date:** September, 2018.

Mr. Devidas Tambe, *M.Sc.*

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