

FALGUNI MUKHERJEE

Department of Geography & Geology
Sam Houston State University
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43 N Swanwick Pl,
Tomball, TX 77375

Education:

2004 – 2009	PhD, Department of Geography, University of Wisconsin-Milwaukee, USA. Dissertation Title: <i>GIS and Spatial Technologies for Urban Governance</i> GPA: 4.0 /4.0 Area of Specialization: GIS and Society, Critical GIS, Organizational implementation and Diffusion of GIS, GIS use for urban governance, South Asia.
2002 – 2003	MS – GIS, University of Texas – Dallas, USA. GPA: 3.75 /4.0
1994 – 1998	B.Eng. – Civil Engineering, Birla Vishvakarma Mahavidyalaya, Sardar Patel University, India. GPA: 7.63/10

Academic Employment:

August 2017 –December 2017: Administrative Intern – Interim Associate Dean, College of Science and Engineering Technology

Fall 2016 – Current:	Associate Professor
Fall 2014 – Current:	GIS Graduate Program Coordinator
Fall 2010 – Spring 2016:	Assistant Professor. Sam Houston State University.
Fall 2009– Spring 2010:	Assistant Professor. Central Connecticut State University.
Fall 2007 – Spring 2009:	Lecturer, University of Wisconsin-Milwaukee
Summer 2002 – Spring 2007:	Teaching Assistant

Certifications:

GIS Certificate: University of Texas – Dallas, December 2003.

Professional Employment:

September 2000 – January 2002:	Research Engineer at CARE – Center for Advocacy & Research in Environment, Navi Mumbai, India.
June 1999 – September 2000:	Project Fellow at SIES-Indian Institute of Environment Management, Mumbai, India.
October 1998 – June 1999:	Junior Engineer

Publications:

Mukherjee F. 2018 (*published online*). GIS use by an Urban Local Body as Part of E-Governance in India. Cartography and Geographic Information Science.

Mukherjee F. 2018. Developing an Automated Toolkit for Health Studies – An Exploration Using a Geographical Information System. Khoj- An International Peer Reviewed Journal of Geography. Vol 5, Issue 1, pgs. 15 – 33.

Mukherjee F. 2017. A GIS-based Automated Toolkit for Healthcare Management. International Journal of Management Research. Vol. 8, Issue 1, pgs. 47 – 63.

Mukherjee F. 2016. Use of Qualitative Methods to examine GIS Planning and Management in the context of E-Governance. International Journal of E-Planning Research. Volume 5, Issue 2, 23-39.

Mukherjee F. 2015. Public Participatory GIS. Geography COMPASS. Volume 9, Issue 7, 384 – 394.

Mukherjee F. and Rajendran V., 2015. Measuring Spatial and Temporal Distribution of Non-Violent Crime Using Multiple Methods. Journal of Papers in Applied Geography, Volume 1, Issue 3, 279 – 285.

Ohemeng, F., and **Mukherjee, F.** 2015. Modeling the Spatial Distribution of the Anopheles Mosquito for Malaria Risk Zoning Using Remote Sensing and GIS: A Case Study in the Zambezi Basin, Zimbabwe. International Journal of Applied Geospatial Research, Volume 6, Issue 3, 7 – 20.

Leipnik M, Mehta S, and **Mukherjee F.** 2015. Mobile Maps in India: Potential Problems and Solutions. International Journal of Management Research. Vol 6. Issue 2, 19 – 34.

Mukherjee F., Leipnik M. and Mehta S. 2014. Using Geographic Information Systems (GIS) as Part of a Larger E-Government Strategy in India. International Journal of Management Research. Vol. 5, No. 1, pgs. 6 – 18.

Mukherjee, F., 2013. Sociopolitical Contexts and Geospatial Data- The case of Dane County. URISA, Volume 25, Issue 1, 39 – 46.

Mukherjee F. and Ghose R. 2013. GIS for E-Planning in India. International Journal of E-Planning and Research, Volume 2, Issue 2, 24 – 39.

Rajendran V. and **Mukherjee F.** 2013. Measuring Temporal Displacement of Non-Violent Crime. Papers of the Applied Geography Conferences, Volume 36, 505-513.

Mukherjee F. and Ghose R. 2012. Exploring the Complexities of Community Engaged GIS for Urban Governance. International Journal of Applied Geospatial Research, Volume 3, Issue 4, 87 – 102.

Mukherjee, F., 2012. GIS for K -12 Education. Social Studies Texan.

Mukherjee F. and Ghose R. 2011. Tracing the Historic Trajectory of GIS Development and Its Effects on Contemporary Practices. Journal of Urban Technology, Volume 18, Issue 3, 141 – 158.

Mukherjee F. and Ghose R., 2009. Complexities in GIS Construction and Spatial Knowledge Production in Dane county, Wisconsin. Cartography and Geographic Information Science, Volume 36, Issue 4, 299 – 314.

Awards

2016 Jim and Nancy Tiller Faculty Research award, \$1700.

2005 Mary Jo Read award, \$5000

2006 Mary Jo Read travel grant, \$1200

Grants

Enhancement Research Grant. ACTOR NETWORKS OF GIS CONSTRUCTION IN INDIA. Office of Research and Special Programs, Sam Houston State University. \$15000. Grant # 290045.

Senior Short Term Fellowship Grant. Actor Networks of GIS Construction in India – GIS use by District Administrators in Surat. American Institute of Indian Studies. Shortlisted for ALTERNATES list.

Conference Presentations:

Mukherjee F. 2018. Exploring cultural geography field course using GIS. International Geographical Union's (IGU) Commission on Geographical Education (CGE) 2018 International Conference. Quebec City, Quebec. August 3 – 5, 2018.

Mukherjee F. 2018. GIS Use as Part of E-Governance — A Case of an Indian Urban Local Body. 114th Association of American Geographers (AAG) annual meeting. New Orleans, LA. April 10 – 14, 2018.

Mukherjee F. 2017. Creating Digital India using Geospatial Information. 113th Association of American Geographers (AAG) annual meeting. Boston, MA. April 5 – 9, 2017.

Mukherjee F. 2016. Creating a Digital India using Geospatial Information. 112th Association of American Geographers (AAG) annual meeting, Boston, MA. April 5 – 9, 2017.

Mukherjee F. 2016. Workshop: Effective use of GIS for local government administration – Lessons learnt. June 13 – June 15, Surat Municipal Corporation; June 24 – 27 Dharamsala Municipal corporation.

Mukherjee F. 2015. Panel: Graduate Program information session. 38th Annual Applied Geography conference and SWAAG Conference. San Antonio, TX. November 4 – 7, 2015.

Mukherjee F. 2015. GIS use for Municipal e-governance. 110th Association of American Geographers (AAG) annual meeting, Chicago, IL. April 21 – 25, 2015.

Mukherjee F. 2014. GIS use by district administrators-A case-study of Surat, Gujarat in India. 110th Association of American Geographers (AAG) annual meeting, Tampa, FL. April 8 – 14, 2014.

Rajendran V. and Mukherjee F. 2014. Story Maps: The story of Flooding in Surat, India. 10th Annual Geography Student Research Symposium (TXGSRS), San Antonio, TX. March 28, 2014.

Mukherjee F., 2013. “GIS Knowledge Construction in Non-Western Contexts”. 109th Annual Meeting of the AAG, Los Angeles, CA, April 9 – 13.

Rajendran V. and Mukherjee F., 2013. “Measuring Temporal Displacement of Non-Violent Crime”. 36th Applied Geography Conference, Annapolis, MA. October 30 – November 1.

Mukherjee F., 2012. “Social Construction of Geospatial Data. 108th Annual Meeting of the AAG, New York, NY, February, 24 – 28.

Mukherjee F., 2011. “Integrating GIS with K – 12 Education”. Education Service Center Region VI Geography Conference, Huntsville, TX. May 16 – 17, 2011.

Mukherjee, F., 2011. “Geospatial data and socio – political issues”. 34th Applied Geography Conference, Redlands, CA. October 19-22, 2011.

Mukherjee, F., 2010. “Role of Actors in Dane County’s GIS Knowledge Production”. 17th Annual Mini Conference on Geography, Milwaukee, WI, November 5 – 7.

Mukherjee F., 2008. “Community Engaged GIS – How much of Community engagement”? 104th AAG Annual Meeting of the AAG, Boston, MA, April 15-19.

Mukherjee F., 2007. "Qualitative Research – Investigating GIS and Spatial Technologies for Urban Governance". 103rd Annual Meeting of the Association of American Geographers (AAG), San Francisco, CA, April 17-21

Mukherjee F., 2006. "Social Construction of GIS in a Non – Western World: The case of India". 102nd Annual Meeting of the AAG, Chicago, IL, March 7-11.