

**Short CV**  
**Selima Sultana (She/her)**  
Department of Geography, Environment, Sustainability  
University of North Carolina Greensboro  
237 Graham Building, 1009 Spring Garden Street, Greensboro, NC 27412  
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**EDUCATION**

- 2000 University of Georgia, Athens, Georgia, Department of Geography. **Ph.D.** in Geography.
- 1993 Georgia State University, Atlanta, Department of Urban Studies and Policy. **M.S.** in Urban Studies & Policy.
- 1989 Jahangirnagar University, Dhaka, Bangladesh, Department of Geography & Environment. **M. Sc.** in Geography (*specialized in urban geography*). (**Graduated with first class first position**)
- 1987 Jahangirnagar University, Dhaka, Bangladesh, Department of Geography and Urban Planning. **B. Sc.** (Honors) in Geography, Minor: Statistics and Economics. (**Graduated with first class second position**)

**EMPLOYMENT HISTORY**

- 2023–present Associate Head, Department of Geography, Environment, Sustainability, University of North Carolina Greensboro, NC, USA
- 2016–present Professor, Department of Geography, Environment, Sustainability, University of North Carolina Greensboro, NC, USA.
- 2014–2020 Director of Graduate Studies, Department of Geography, Environment, Sustainability, University of North Carolina Greensboro, NC, USA.
- Spring 2013 Interim Graduate Director, Department of Geography, Environment, Sustainability, University of North Carolina Greensboro, NC, USA.
- 2007–2016 Associate Professor, Department of Geography, Environment, Sustainability, University of North Carolina Greensboro, NC, USA.
- 2004–2007 Assistant Professor, Department of Geography, Environment, Sustainability, University of North Carolina Greensboro, NC, USA.
- 2000–2004 Assistant Professor, Department of Geosciences, Auburn University, Auburn, Alabama, USA.
- 1999–2000 Instructor, Department of Geography, University of Georgia, Athens, GA, USA.
- 1995–1999 Graduate Teaching Assistant, Department of Geography, University of Georgia, Athens, GA, USA.
- 1993–1994 Intern Planner, Bureau of Planning, City of Atlanta, GA, USA.
- 1992–1993 Research Assistant, Department of Urban Studies and Policy, Georgia State University, Atlanta, GA, USA.

**AWARDS AND HONORS**

- 2024 American Association of Geographers (AAG) Fellow
- 2021 Edward L. Ullman Award for significant contributions to the field of transportation studies, *American Association of Geographers Transportation Geography Specialty Groups (AAG TGSG)*
- 2021 UNC Greensboro Leadership Development Program for Scholars of Color

2020	Chancellor and Provost's recognition of Faculty Excellence in Research and Creative Activity, UNC Greensboro
2019	Outstanding Research Award for significant contributions and leadership in the discipline of geographic research, <i>Southeastern Division of the American Association of Geographers (SEDAAG)</i>
2017	Fellow of the Career Development for Women Leaders (CDWL) Program at Wake Forest School of Medicine
2017	Chancellor and Provost's recognition for Faculty Excellence in Research and Creative Activity, UNCG
2014	Dean's Celebration of Scholarship, College of Arts and Sciences, UNCG
2013	Faculty Research Leave
2010	The Most Inspiring Professor by the Geography Club at the University of North Carolina at Greensboro.
2005	Dean's Celebration of Scholarship, College of Arts and Sciences, UNCG
1987	National Gold Medal BS (Honors) Graduate
1983-1987	University Merit Scholarship (Gold)

## TEACHING:

### UNCG

GES 104: World Regional Geography  
 GES 105: People, Place, Environment  
 GES 302: Sustainable Urban Land Use  
 GES 304: Sustainable Transportation and Mobility  
 GES 322: Research Methods in GES  
 GES 432/632/632: Livable Cities  
 GES 601: Research Themes in Geography  
 GES 622/732: GIS Applications in Urban Planning  
 GES 631/732: Sustainable Transportation Planning  
 GES 702: Research Design  
 GES 415/615/715: Geography of National Parks

## **PUBLICATIONS**

### **Peer-Reviewed Books**

2024	Weber, J. and <b>Sultana, S</b> (Eds.). <i>The Changing Geography of National Parks and Protected Areas</i> . United Kingdom: Palgrave. <a href="https://link.springer.com/book/10.1007/978-3-031-74653-6">https://link.springer.com/book/10.1007/978-3-031-74653-6</a> .
2024	Weber, J. and <b>Sultana, S</b> . <i>The Parks Belong to the People: The Geography of the National Park System</i> . Athens, GA: University of Georgia Press. <a href="https://ugapress.org/book/9780820365718/the-parks-belong-to-the-people/">https://ugapress.org/book/9780820365718/the-parks-belong-to-the-people/</a> .
2016	<b>Sultana, S</b> . and Weber, J. (Eds.). <i>Minicars, Maglevs, and Mopeds: Modern Modes of Transportation around the World</i> . ABC-Clio/Greenwood Press. <a href="https://www.amazon.com/Minicars-Maglevs-Mopeds-Modern-Transportation/dp/1440834946">https://www.amazon.com/Minicars-Maglevs-Mopeds-Modern-Transportation/dp/1440834946</a> .

# Peer-Reviewed Journal Articles (\* Indicates publication with students)

- 2025 **Sultana, S.**, Dixon, B., Li, W., and Mosa, J. Gender and Knowledge Gatekeepers in Geography. *The Professional Geographer*. (Accepted on Feb. 26)
- 2025 Li, W., Mossa, J., Dixon, B., Oberhauser, A.M., Rock, A., **Sultana, S.**, and Mukherjee, F. Experiences of Women AAG Presidents: Leading through diverse voices. *The Professional Geographer*. (Accepted on Feb. 26)
- 2024 \*Carlton, G. and **Sultana, S.** Electric Vehicle Charging Equity and Accessibility: A Comprehensive United States Policy Analysis. *Transportation Research Part D: Transport and Environment*. <https://doi.org/10.1016/j.trd.2024.104123>.
- 2024 \*Meyer, M, Weber, J., **Sultana, S.**, and Shao, W. Geographic Analysis of the Compactness of National Park Unit Boundaries. *Transactions in GIS*, <https://doi.org/10.1111/tgis.13238>.
- 2024 Weber, S. and **Sultana, S.** The Army's Battlefield Parks in the US National Park System: From Grafted Branch to Poisoned Fruit. *Parks Stewardship Forum*, 40(3), <https://escholarship.org/uc/item/08j5n734>.
- 2023 \*Farhat, N. and **Sultana, S.** Immigrants and Inequality: Evidence from a Minor-Emerging Gateway Metropolitan Area in NC. *Southeastern Geographer*, 63(4), 340-360. <https://doi.org/10.1353/sgo.2023.a912265>.
- 2023 **Sultana, S.**, \*Merced, J., Weber, J., \*Allen, R., and \*Carlton, G. Great Smoky Mountains National Park and its Missing Black Visitors: A Preliminary Analysis on the Hidden Architecture of Landscape. In special issue of Protected Areas (Guest-Editor: John Kupfer and Joe Weber) in *Southeastern Geographer*, 63(1), 15-35. <https://doi.org/10.1353/sgo.2023.0003>.
- 2023 \*Carlton, G. and **Sultana, S.** Social Equity Consideration in Electric Vehicle Charging Research: A Scoping Review. *Transport Reviews*, 43 (3), 330-355. <https://doi.org/10.1080/01441647.2022.2109775>.
- 2022 \*Carlton, G. and **Sultana, S.** Electric Vehicle Charging Station Accessibility and Land Use Clustering: A Case Study of the Chicago Region. *Journal of Urban Mobility*, 2, <https://doi.org/10.1016/j.urbmob.2022.100019>.
- 2022 \*Bajracharya, P. and **Sultana, S.** Urban growth boundary delineation using Support Vector Machine for the city of Chattogram, Bangladesh. *Sustainability*, 14(9), 5546, <https://doi.org/10.3390/su14095546>.
- 2020 \*Bajracharya, P. and **Sultana, S.** Rank-size Distribution of Cities and Municipalities in Bangladesh. *Sustainability*, 12(11), 4643-4669, <https://doi.org/10.3390/su12114643>.
- 2020 Antipova, A, **Sultana, S.**, Hu, Y., Rhudy, Jr, J.P. Accessibility and Transportation Equity. *Sustainability*, 12(9), 3611. <https://doi.org/10.3390/su12093611>.
- 2019 **Sultana, S.**, Salon, D., Kuby, M. Transportation Sustainability in the Urban Context: A Comprehensive Review. *Urban Geography*, 40(3), 279-308. <http://dx.doi.org/10.1080/02723638.2017.1395635>.
- 2019 \*Bajracharya, P., Lippitt, C., and **Sultana, S.** Modeling Urban Growth and Land Cover Change in Albuquerque using SLEUTH. *The Professional Geographer*. <https://doi.org/10.1080/00330124.2019.1674668>.
- 2019 \*Pourebrahim, N., **Sultana, S.**, Niakanlahiji, A, Thill, JC. Exploring the potential of twitter in trip distribution modeling. *Computers, Environment and Urban Systems*, 77. <https://doi.org/10.1016/j.compenvurbsys.2019.101354>.
- 2019 \*Karimi, F., **Sultana, S.**, Babakan, A. S., Suthaharan, S. Urban Expansion Modeling using an Enhanced Decision Tree Algorithm. *GeoInformatica*, 1-16.

- <https://doi.org/10.1007/s10707-019-00377-8>.
- 2019 \*Pourebrahim, N., **Sultana, S.**, Mohanty, S. Understanding the nature of Twitter uses during Natural Disasters – A Case Study from Hurricane Sandy. *International Journal of Disaster Risk Reduction*. <https://doi.org/10.1016/j.ijdrr.2019.101176>.
- 2019 \*Karimi, F., **Sultana, S.**, Babakan, A. S, Suthaharan, S. Exploration of Support Vector Machines for Urban Expansion Modeling. *Computers, Environment and Urban Systems*, 75, 61-75. <https://doi.org/10.1016/j.compenvurbsys.2019.01.001>.
- 2018 \*Pourebrahim, N., **Sultana, S.**, Thill, J-C., Mohanty, S. Predicting Trip Distribution Using Twitter Data: Comparison of Gravity and Neural Networks. In *2nd ACM SIGSPATIAL International Workshop on AI for Geographic Knowledge Discovery (GeoAI'18)*, November 6, 2018, Seattle, WA, USA. ACM. New York, NY, USA, 4 pages. <https://doi.org/10.1145/3281548.3281555>.
- 2018 \*Altaher, A., Clapp, J., **Sultana, S.** Residential Settlement Patterns among Immigrants in Atlanta Metropolitan Area, Georgia. *Geographical Review*. <https://doi.org/10.1111/gere.12319>.
- 2018 **Sultana, S.**, \*Kim, H., \*Pourebrahim, N., \*Karimi, F. Geographical Assessment of Low-Carbon Transportation Modes: A Case Study from a Commuter University. *Sustainability*, 2018, 10(8), 2696-2719. <https://doi.org/10.3390/su10082696>.
- 2018 **Sultana, S.**, \*Pourebrahim, N., \*Kim, H. Household Energy Expenditures in NC: A Geographically Weighted Regression Approach. *Sustainability*, 2018, 10(5), 1511-1533. <https://doi.org/10.3390/su10051511>.
- 2018 \*Karimi, F., **Sultana, S.**, Babakan, A. S., Royall, D. Land Suitability Evaluation for Organic Agriculture of Wheat Using GIS and Multi-Criteria Analysis. *Papers in Applied Geography*, 4(3), 1–16. <https://doi.org/10.1080/23754931.2018.1448715>.
- 2018 \*Kim, H., **Sultana, S.**, Weber, J. A Geographic Assessment of High-speed rail stations on urban development: the implications from the Korea Train eXpress (KTX). *Transport Policy*, 1-12. <https://doi.org/10.1016/j.tranpol.2018.02.008>.
- 2015 **Sultana, S.** Factors Associate with Students' Parking-Pass Decisions: Evidence from an American University. *Transport Policy*, 44 (Nov.), 65-75. <https://doi.org/10.1016/j.tranpol.2015.07.002>.
- 2015 \*Kim, H. and **Sultana, S.** The impacts of high-speed rail extensions on accessibility and spatial equity changes in South Korea from 2004 to 2018. *Journal of Transport Geography*, Vol. 45 (May), pp. 48-61. <https://doi.org/10.1016/j.jtrangeo.2015.04.007>.
- 2014 **Sultana, S.** and Weber, J. "The Nature of Urban Growth and the Commuting Transition: Endless Sprawl or a Growth Wave?" *Urban Studies*, Vol. 51(3), pp. 544–576. <https://doi.org/10.1177/0042098013498284>.
- 2013 Weber, J. and **Sultana, S.** "Why Do So Few Minority People Visit National Parks? Visitation and the Accessibility of "America's Best Idea"" *Annals of the Association of American Geographers*, Vol. 103(3), pp. 437–464. DOI: <http://dx.doi.org/10.4135/9781483346526.n149>.
- 2013 Weber, J. and **Sultana, S.** The Civil Rights Movement and the National Park System. *Tourism Geographies*, Vol. 15 (3), pp. 444–469. <https://doi.org/10.1080/14616688.2012.675515>.
- 2012 Buliung, R, **Sultana, S.**, Faulkner, G. Guest Editorial: Special Section on Child and Youth Mobility: Current Research and Nascent Themes. *Journal of Transport Geography*, Vol 20(1): 31–33. <https://doi.org/10.1016/j.jtrangeo.2011.08.007>.

- 2008 Weber, J. and **Sultana, S.** Race, Employment Sprawl, and the Journey to Work in Birmingham, Alabama. *Southeastern Geographer*, Vol. 48 (1), pp. 53–74.  
<https://doi.org/10.1080/00045608.2012.689240>.
- 2007 **Sultana, S.** and Weber, J. Journey-to-Work Patterns in the Age of Sprawl: Evidence from Two Mid-Size Southern Metropolitan Areas. *The Professional Geographer*, Vol. 59 (2), pp. 193–208. <https://doi.org/10.1080/00045608.2012.689240>.
- 2006 **Sultana, S.** “What About Dual-Earner Households in Jobs–Housing Balance Research? An Essential Issue in Transport Geography.” *Journal of Transport Geography*, Vol. 14, pp. 393–395. <https://doi.org/10.1016/j.jtrangeo.2006.06.004>.
- 2006 **Sultana, S.** and Miller P. Hispanic Immigrant Clusters and the Local Labor Market: Preliminary Evidence from North Carolina. *The North Carolina Geographer*, Vol. 13, pp. 44–56. [https://libres.uncg.edu/ir/uncg/f/S\\_Sultana\\_Hispanic\\_2005.pdf](https://libres.uncg.edu/ir/uncg/f/S_Sultana_Hispanic_2005.pdf).
- 2006 Weber, J., **Sultana, S.** and Maret, I. Urban Sprawl, Commuting, and Access to Public Transportation in the Southeast. *Papers and Proceedings of the Applied Geography Conference*, Vol. 29, pp. 282–291. [https://www.researchgate.net/profile/Selima-Sultana-2/publication/265122722\\_Urban\\_Sprawl\\_Commuting\\_and\\_Access\\_to\\_Public\\_Transportation\\_in\\_the\\_Southeast/links/53ff3e660cf283c3583c890a/Urban-Sprawl-Commuting-and-Access-to-Public-Transportation-in-the-Southeast.pdf](https://www.researchgate.net/profile/Selima-Sultana-2/publication/265122722_Urban_Sprawl_Commuting_and_Access_to_Public_Transportation_in_the_Southeast/links/53ff3e660cf283c3583c890a/Urban-Sprawl-Commuting-and-Access-to-Public-Transportation-in-the-Southeast.pdf).
- 2005 **Sultana, S.** Effects of Dual-earners Households on Metropolitan Commuting: Evidence from Metropolitan Atlanta. *Urban Geography*, Vol.26 (4), pp. 328–352. <https://doi.org/10.2747/0272-3638.26.4.328>.
- 2005 **Sultana, S.** 2005. Racial Variation in Males Commuting time: What does the Evidence Suggest? *The Professional Geographer*, Vol. 57(1), pp. 66–82. <https://doi.org/10.1111/j.0033-0124.2005.00460.x>.
- 2005 **Sultana, S.**, Hare, J., and Weber, J. The Relationship of Income, Density, and Commuting Times on Overweight/Obesity Rates in North Carolina. *Papers and Proceedings of the Applied Geography Conference*, Vol. 28, pp. 254–263. <http://applied.geog.kent.edu/AGCPapers/2005/AGC2005.htm>.
- 2005 \*Talbot, M. R. and **Sultana, S.** The Relationship between Pedestrian Deaths and Metropolitan Areas with High Density Vehicle Use. *Papers and Proceedings of the Applied Geography Conference*, Vol. 28, pp. 264–272. <http://applied.geog.kent.edu/AGCPapers/2005/P264-272/index.html>.
- 2004 **Sultana, S.** and Marzen, L. J. Quantifying Urban Encroachment in Dhaka, Bangladesh from 1989–2000. *Papers and Proceedings of the Applied Geography Conference*, Vol. 27, pp.231–238. <http://applied.geog.kent.edu/AGCPapers/2004/P231-238/index.html>.
- 2004 Adri, N. and **Sultana, S.** Grameen Bank’s Housing Program for Rural Poor in Bangladesh: A Case Study. *Papers and Proceedings of the Applied Geography Conference*, Vol. 27, pp.247–253. <http://applied.geog.kent.edu/AGCPapers/2004/P247-254/index.html>.
- 2003 **Sultana, S.** Commuting Constraints of Black Female Workers in Atlanta: An Examination of Spatial Mismatch Hypothesis in Married–couple Dual–earner Households, *Southeastern Geographer*, Vol. 43 (2), pp. 249–259. <https://doi.org/10.1353/sgo.2003.0000>.
- 2003 **Sultana, S.** and Chaney, P. Impact of Urban Sprawl on Travel Behaviors and Local Watersheds in the Auburn–Opelika Metropolitan Area: A Case Study on a Small MSA. *Papers and Proceedings of the Applied Geography Conference*, Vol. 26, pp. 20–28. <http://applied.geog.kent.edu/AGCPapers/2003/P020-028/index.html>.



- 2002 **Sultana, S.** Jobs–Housing Imbalance and Commuting in the Atlanta Metropolitan Area: Exploration of Causes of Longer Commuting, *Urban Geography*, Vol. 23 (8), pp. 728–749. <https://doi.org/10.2747/0272-3638.23.8.728>.
- 2002 **Sultana, S.** Intra–Regional Variations of Commuting Times in a Decentralized Urban Area, *Papers and Proceedings of the Applied Geography Conference*, Vol. 25, pp. 183–189. <http://applied.geog.kent.edu/AGCPapers/2002/P183-189/index.html>.
- 2000 **Sultana, S.** Some Effects of Employment Centers on Commuting Times in the Atlanta Metropolitan Area, 1990, *Southeastern Geographer*, Vol. 41, No. 2, pp. 225–233. <https://doi.org/10.1353/sgo.2000.0020>.

### Refereed Book Chapters and Entries

- 2024 Weber, J. and **Sultana, S.** Introduction: The Changing Geography of Protected Areas. Chapter 1, PP. 1-10. [https://doi.org/10.1007/978-3-031-74653-6\\_1](https://doi.org/10.1007/978-3-031-74653-6_1). In Joe Weber and Selima Sultana (Eds.). *The Changing Geography of National Parks and Protected Areas*. London: Palgrave.
- 2024 Weber, J. and **Sultana, S.** Geographic Research on National Parks: A Review and Prospectus. Chapter 2, PP. 11-36. [https://doi.org/10.1007/978-3-031-74653-6\\_2](https://doi.org/10.1007/978-3-031-74653-6_2). In Joe Weber and Selima Sultana (Eds.). *The Changing Geography of National Parks and Protected Areas*. London: Palgrave.
- 2024 Johnston-Anumonwo, I. and **Sultana, S.** Intersections of Race and Gender among Commuters in North American Cities. Chapter 13, PP. 167-185. In Sarah McLafferty and Valerie Preston et al (Eds.) *Handbook of Gender and Mobilities*. London: Elgar Publishing. <https://doi.org/10.4337/9781035300860>.
- 2024 \*Farhat, N. and **Sultana, S.** Greensboro, North Carolina: Immigration and the Spatial Dynamics of Neighborhood Change in the Piedmont Triad. In Paul N. McDaniel and Darlene X. Rodriguez (Eds.) *Integration and Receptivity in Immigrant Gateway Metro Regions in the United States*. Lanham, MD: Lexington Books.
- 2021 Babakan, A.S., \*Karimi, F., **Sultana, S.** Land Suitability Evaluation for Organic Agriculture: A Case Study in the USA. Chapter 15, PP. 329-347, In “Innovations in Landscape Research” edited by Lothar Mueller, Viktor G. Sychev, Nikolai M. Dronin, Frank Eulenstein. Springer.
- 2017 **Sultana, S.** Land Use and Transportation. *The International Encyclopedia of Geography: People, the Earth, Environment and Technology (IEG)*. PP. 1-11, John Wiley & Sons, Ltd. DOI: 10.1002/9781118786352.wbieg0697.
- 2014 **Sultana, S.** Commuting in America. In Mark Garrett (Eds.) *Encyclopedia of Transportation: Social Science and Policy*. PP. 396-399. Thousand Oaks: Sage Publication, Inc. DOI: <http://dx.doi.org/10.4135/9781483346526.n149>.
- 2011 **Sultana, S.** “Edge Cities in the Era of Megaprojects” in Stan Brunn (eds.) *Engineering Earth: The Impacts of Mega-engineering Projects*. PP. 1071–88. NYC: Springer.
- 2010 **Sultana, S.** and Powell, T. W. “Land Use.” In Barney Warf (eds.) *Encyclopedia of Geography*. PP. 1727-1733. Thousand Oaks: Sage Publications, Inc. DOI: <http://dx.doi.org/10.4135/9781412939591.n694>.
- 2006 Johnston-Anumonwo, I. and **Sultana, S.** “Race, Location and Access to Employment in Buffalo, NY.” in John W. Frazer and Eugene L. Tettey-Fio (eds.) *Race, Ethnicity and Place in a changing America*. pp. 119–130, Global Academic Publishing, Binghamton.

### Refereed Research Report

- 2020 Gregory Monty, **Selima Sultana**, James Russell, Vicki Foust (co-PIs). NSF report on Sustainable Urban Systems Conference and Workshop. Award Number: 1929940.

- [https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1929940](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1929940).
- 2009 Tapp, A., Bunch, R., **Sultana, S.** GIS for building School Routes in Guilford County Child Development Centers. Guilford County School.
- 2005 Weber, J. and **Sultana, S.** *Impact of Sprawl on Commuting in Alabama*. University Transportation Center for Alabama, Report no. 04108. The University of Alabama. <http://utca.eng.ua.edu>.

#### Non-Refereed Publications

- 2024 \*Karimi, F. and **Sultana, S.** Urban Expansion Prediction and Land Use/Land Cover Change Modeling for Sustainable Urban Development. *Sustainability*, 16(6), 2285. <https://doi.org/10.3390/su16062285>.
- 2023 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 63(4), 317-320. <https://doi.org/10.1353/sgo.2023.a912263>.
- 2023 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 63(3), 226-228. <https://doi.org/10.1353/sgo.2023.a904517>.
- 2023 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 63(2), 132-134. <https://doi.org/10.1353/sgo.2023.0011>.
- 2023 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 63(1), 4-5. <https://doi.org/10.1353/sgo.2023.0001>.
- 2022 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 62(4), 296-297. <https://doi.org/10.1353/sgo.2022.0034>.
- 2022 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 62(3), 174-175, <https://doi.org/10.1353/sgo.2022.0032>.
- 2022 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 62(2), 89-91, <https://doi.org/10.1353/sgo.2022.0009>.
- 2022 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 62(1), 5-7, <https://doi.org/10.1353/sgo.2022.0001>.
- 2021 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 61(4), 290-290, <https://doi.org/10.1353/sgo.2021.0028>.
- 2021 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 61(3), 200-202, <https://doi.org/10.1353/sgo.2021.0015>.
- 2021 **Sultana, S.**, Knapp, P., \*Allen, R., & \*Mitchell, T. Introduction from the Editorial Team. *Southeastern Geographer*, 61(2), 107-110, <https://doi.org/10.1353/sgo.2021.0008>.
- 2021 **Sultana, S.** and Knapp, P. K. Editorial Introductions. *Southeastern Geographer*, Vol. 60 (1), 3-5. <https://doi.org/10.1353/sgo.2020.0001>.
- 2020 **Sultana, S.** and Knapp, P. K. Editorial Introductions. *Southeastern Geographer*, Vol. 60 (3), <https://doi.org/10.1353/sgo.2020.0001>.

- 2020 **Sultana, S.** and Knapp, P. K. Editorial Introductions. *Southeastern Geographer*, Vol. 60 (2), <https://doi.org/10.1353/sgo.2020.0009>.
- 2020 **Sultana, S.** and Knapp, P. K. Editorial Introductions. *Southeastern Geographer*, Vol. 60 (4), <https://doi.org/10.1353/sgo.2020.0024>.
- 2014 **Sultana, S.** Transportation Geography Specialty Group Report. *Journal of Transport Geography*. Vol. 35, 162-163.
- 2014 **Sultana, S.** and Weber, J. Commuting times increase as cities grow, and then fall as areas mature. London School of Economics and Political Science (LSE) and American Politics and Policy (USApp) blog site. <http://blogs.lse.ac.uk/usappblog/2014/02/24/commuting-time-city-maturity/>
- 2013 **Sultana, S.** Transportation Geography Specialty Group Report. *Journal of Transport Geography*. Vol. 27, pp. 81.
- 2010 **Sultana, S.** *Motoring: The Highway Experience in America*, by John A. Jakle and Keith A. Sculle. University of Georgia Press: Athens, 2008. *The Professional Geographer*, Vol. 62(2): 290-292.
- 2010 **Sultana, S.** *Transforming Race and Class in Suburbia: Decline in Metropolitan Baltimore*, by Thomas J. Vicino. Palgrave Macmillan: New York, 2008. *Urban Geography*, Vol. 31(2): 273-274.
- 2009 **Sultana, S.** and Powell, T. W. *Planning the Good Community: New Urbanism in Theory and Practice*, by Jill Grant. Routledge, New York. 2006. *Southeastern Geographer*, 49(3), pp. 308-315.
- 2008 **Sultana, S.** *Spatial Planning, Urban Form and Sustainable Transport*, edited by Katie Williams, Ashgate Publishing Limited, 2005. *Growth and Change*. Vol 39, No 2, pp. 380-382.
- 2008 **Sultana, S.** "Overcoming the post-tenure blues". UNC Greensboro Geography Newsletter.
- 2006 **Sultana, S.** *GIS: Geographic Information Systems for the Social Sciences: Investigating Space and Place*, by Stevens J. Steinberg and Shiela L. Steinberg. Sage Publications, 2006. *Journal of Cultural Geography* Vol. 24 (1), pp.121-122
- 2005 **Sultana, S.** *Social Change and Sustainable Transport*, by William R. Black and Peter Nijkamp (eds.), Indiana University Press, 2002. *Annals of the Association of American Geographers*. Vol. 95 (2), pp.487-489.
- 2001 Islam, M., Karim, M., Manan, S., and **Sultana, S.** "Management of Urban Air Quality in Bangladesh." in An Introduction to Bangladesh Environment Network, Nazrul Islam (eds.). Muktohdhara: Dhaka, Bangladesh.

## **PROFESSIONAL PRESENTATIONS**

### **Keynote Speaker**

- 2024 Sustainable Mobility: Expanding Opportunities for Bangladesh. Various Universities in Bangladesh.
- 2024 Decarbonizing Transportation with Electric Vehicles: An Equitable Perspective. Toyota 2024 Global Battery Summit, UNC Greensboro, June 11-12.
- 2023 A Century of Commuting Research & Implications for the Future, Fleming Lecture (AAG TGSG Lecture by the winner of Edward Ulman Award recipients), the Annual Meeting of the American Association of Geographers in Denver. March 23-27.
- 2022 Transportation, Energy, and Climate Change: Lessons for Bangladesh's Future Energy Transition. BAPA-BEN Conference on Energy, Climate Change and Sustainability, Feb 11-12, Berkely, California.



- 2019 "Not for Kings or Noblemen....but for Everyone, for all Time": Revisiting the relationship between Race, Space, Place, and National Parks for the 21st Century. Race and Recreation Research Symposium at Clemson University.
- 2019 Sustainable Urban Systems. NSF funded Sustainable Urban System Conference at NC A&T. August 14-15.

#### **Invited Colloquia/Lecture/Webinar**

- 2024 Electrification in Passenger Transportation and Equity, University of Alabama, March 29.
- 2024 Decarbonizing car culture with Electric Vehicles: An American Perspectives, GES Colloquium, March 21, 2023
- 2024 "Decarbonizing NC Transportation: Opportunities and Challenges. The Research Triangle Environmental Health Collaborative 2024 Summit, "Transitioning to a Net-zero Energy Future in North Carolina: Equity, Environmental, and Economic Considerations <https://environmentalhealthcollaborative.org/>, Feb 5-6.
- 2024 Transportation, (Im)Mobility, and the National Parks: From a Social Carrying Capacity Perspective, GTU talk at GES, UNC Greensboro.
- 2023 TRB AMS 50 Webinar Series: Electrification in Transportation <https://www.youtube.com/watch?v=4IWkLY TbIA>.
- 2023 Transportation, (Im)Mobility, and U.S. National Parks. University of Saskatchewan, Saskatoon, Canada, July 25.
- 2023 National Parks and Transportation. Virginia Tech, March 17.
- 2022 Electrification in Transportation: Considerations for an Equitable and Just Transition. Sustainability Lecture and Dialogue Series, UNC Greensboro. <https://www.youtube.com/watch?v=qBpATKqZyec&t=2s>.
- 2022 A Century of Commuting Research and Implications for the Future, Department of Geography colloquium at University of Nevada.
- 2020 Diversity Struggles in U.S. National Parks: Understanding Geographic Roots of the Race-Space connection. Appalachian State University.
- 2019 Access to All: Re-assessing the Core Values of National Parks in the 21<sup>st</sup> Century America. The University of Memphis, Memphis, Tennessee.
- 2017 *Transportation Sustainability in the National Parks: Rethinking for the 21st Century*. Auburn University, Auburn, Alabama
- 2017 "Not for Kings or Noblemen or the very Rich, but for everyone, for all Time": Revisiting the National Park System in a Racially Diverse America. University of North Carolina at Greensboro
- 2016 *Housing and Transportation: An integrated relationship for affordability*. Center for Housing and Community Studies at UNCG.
- 2016 *Low-carbon Mode of Transportation: Prospects and Challenges*. Sustainable Faculty breakfast series at UNCG.
- 2014 "Not for Kings or Noblemen or the very Rich, but for everyone, for all Time": National Park System in a Racially Diverse America. University of Tennessee, Knoxville.
- 2011 *Restless urban growth on the edge: endless sprawl, growth waves, and the commuting transition?* Jim Wheeler Lecture Series, Department of Geography, University of Georgia, Athens.
- 2010 *The Nature of Urban Growth and the Commuting Transition: Endless Sprawl or a Growth Wave?* Department of Geography, Florida Atlantic University.

- 2007 *Car Culture in Dhaka, Bangladesh*. Appalachian State University, NC. Geography Department Colloquium Series, Spring semester.
- 2007 *Congestion Everywhere: Two distinct Patterns*. Jahangirnagar University, Department of Geography and Environmental Science Colloquium Series, Dhaka, Bangladesh.
- 2006 *Commuting and Emerging Issues in Transportation*. Department of Geography and Environment Science colloquium series at Jahangirnagar University, Savar, Dhaka, Bangladesh, December.
- 2006 *Emerging Issues in Dhaka's Transportation*. Uttara University, Dhaka, Bangladesh, December.
- 2006 *Does Employment Sprawl Support the Co-location Hypothesis?* University of North Carolina at Greensboro.
- 2005 *Commuting Behavior and Contemporary Transportation Issues*, Department of Urban and Regional Planning, Dhaka, Bangladesh.
- 2004 *Urban Sprawl and Transportation*. University of North Carolina at Greensboro, Geography Club Meeting Fall semester.
- 2004 *Bangladesh: A Small Land, but Large Dreams*, The Cullum Lecture Series at Augusta State University, Augusta, Georgia.
- 2004 *The Status of Women in Bangladesh: The Dark and Lighter Sides of Bengali Society*, the Cullum Lecture Series at Augusta State University, Augusta, Georgia.
- 2003 *Effect of Married Dual-earner Households on the Metropolitan Commuting: Evidence from Atlanta*, Department of Geography, The University of Alabama.
- 2003 *Do Dual-earner Households really Commute Longer than One-earner Households? Evidence from Atlanta Metropolitan Area*, Department of Geography, Western Illinois University.
- 2002 *GIS and Urban Studies Research*, Environmental Institute Seminars, Auburn University.

#### **Invited Presentations at Professional Meeting (\* Indicates presentation with students)**

- 2023 \*Farhat, N., **Sultana, S.** Immigrants and Inequality: Evidence from a Minor-Emerging Gateway Metropolitan Area in NC. Conference on Race, Ethnicity and Place in Washington, DC, Oct. 11–14.
- 2018 **Sultana, S.** and \*Farhat, N. Immigrants and Dynamic of Neighborhood Changes: Assessment from a lesser-known gateway city, Greensboro, NC. Conference on Race, Ethnicity and Place in Austin, Texas, Oct. 23–25.
- 2018 **Sultana, S.**, Adri, N., Khalequzzaman, MD, Bajracharya, P. Decades of Urban Encroachment and Waterlogging in Dhaka. International Conference on Flood, Waterlogging, and Landslides in Bangladesh. Dhaka, Bangladesh, January 11-13.
- 2016 **Sultana, S.** and \*Altaher, A. To Dream the American Dream: A Spatial Assessment of Immigrants' Housing Choices and Quest for Upward Mobility. *Conference on Race, Ethnicity and Place* in Kent, Ohio, Oct. 21–23.
- 2015 **Sultana, S.** and \*Altaher, A. A Spatial Assessment of Immigrants' Housing and commuting choices and Quest for their Upward Mobility. *International Meeting of the Network of European Communications and Transport Activities Research* in An Arbor, MI, June 13-15.
- 2014 **Sultana, S.** and \*Altaher, A. To Dream the American Dream: A Spatial Assessment of Developing-Country Immigrants' Housing choices and Quest for Upward Mobility. Conference on Race, Ethnicity and Place in Ft. Worth, Texas, Oct. 20–23.
- 2012 **Sultana, S.** and Weber, J. *Urban Growth Waves and the Commuting Transition:*

- Examining Variations across U.S. Metropolitan Areas. Annual Meeting of the Association of American Geographers in NYC, NY, February 24–28.
- 2010 **Sultana, S.** *Commuting Choices by Immigrants from Less Developed Countries: Are They More Likely Motivated by Environmental Impact or Upward Mobility?* Conference on Race, Ethnicity and Place at Binghamton University, New York, October 6–8.
- 2009 **Sultana, S.** and Weber, J. *Urban growth cycles and commuting transition: Past, present and the future.* 1<sup>st</sup> Transatlantic NECTAR Conference, June 18–20, Arlington, Virginia.
- 2008 **Sultana, S.** *Race and Accessibility to Employment: Changing Faces in Old Places?* Conference on Race, Ethnicity and Place, Miami, Florida, November 5–8.
- 2006 **Sultana, S.** *Intra-Urban Job Accessibility for Hispanic Workers in Charlotte metropolitan area, North Carolina.* Conference on Race, Ethnicity and Place, San Marcos, Texas, November 1–4.

**Presentations at Professional Meetings (only from last two years)**

- 2025 **Sultana, S and Carlton, G.** A Policy-Focused Assessment Framework for EV Charging Accessibility: The Case Study of the Research Triangle, NC. Detroit, MI March 24-28.
- 2024 \*Thapa, B. and **Sultana, S.** Typology of Telecommuting Neighborhoods in the U.S. Annual Meeting of the Southeastern Division of American Association of Geographers (SEDAAG), Greenville, SC, Nov. 24-26.
- 2024 \*Carlton, J. and **Sultana, S.** EV Charging Accessibility in Research Triangle Area, NC: A Spatial-Temporal Analysis of EV Charging Equity. Annual Meeting of the Southeastern Division of American Association of Geographers (SEDAAG), Greenville, SC, Nov. 24-26.
- 2024 \*Tover, N. and **Sultana, S.**, \*Carlton, G., and Weber, J. A Ticket to Ride: Unraveling the Equity of Bus Stop Amenities. Annual Meeting of the Southeastern Division of American Association of Geographers (SEDAAG), Greenville, SC, Nov. 24-26.
- 2024 \*Jebiwot, S., \*Carlton, G., and **Sultana, S.** Electrifying the Tar Heel State: Unraveling Factors Driving ZEV Adoption in North Carolina. Appalachian Energy Summit. Boon, NC, June 7-9.
- 2024 Johnston-Anumonwo, I. and **Sultana, S** Intersections of Race and Gender among Commuters in North American Cities. American Association of Geographers, HI, April 14-19.
- 2023 \*Carlton, G., Sultana, S., and Jebiwot, S\*. Towards Fairness in Electric Vehicle Charging: Insights from Chicago and North Carolina. Annual Meeting of the Southeastern Division of American Association of Geographers (SEDAAG), Norfolk, VA, Nov. 18-20.
- 2023 \*Jebiwot, S and **Sultana, S.** Transitioning to Zero Emission Vehicles (ZEV) in North Carolina: Understanding the Adoption Factors for Passenger Electric Vehicles. Southeastern Division of American Association of Geographers (SEDAAG), Norfolk, VA, Nov. 18-20.
- 2023 Johnston-Anumonwo, I. and **Sultana, S.** Race, Gender, and Commuting: Reappraising the Research. Conference on Race, Ethnicity and Place in Washington, DC, Oct. 11–14.
- 2023 \*Carlton, G. and **Sultana, S.** Regional Variations in Electric Vehicle (EV) Charging Infrastructure in the United States: An Applied Equity Analysis. The Annual Meeting of the American Association of Geographers in Denver. March 23-27.

- 2023 Johnston-Anumonwo, I. and **Sultana, S.** Reappraising Research on Race, Gender, and Commuting. The Annual Meeting of the American Association of Geographers in Denver. March 23-27.

### **EDITORIAL EXPERIENCES**

- 2019-2023 Editor, *Southeastern Geographer* (Flagship Journal of Southeastern Division of the American Association of Geographers (SEDAAG))
- 2023-2024 Guest Editors for a special issue on the Status of Women in Geography. *The Professional Geographer*.
- 2021-Current Editorial Board Member, *Journal of Transport Geography*
- 2021-Current Editorial Board Member, *Journal of Future Transportation*
- 2021-Current Review Editor, Urban Economics (specialty section of *Frontiers in Sustainable Cities*)
- 2021-Current Guest Editors for the special issue "Urban Expansion Prediction and Land Use/Land Cover Change Modeling for Sustainable Urban Development", *Sustainability*.
- 2018-2020 Guest Editors for a special issue on "Accessibility and Transportation Equity", *Sustainability*.
- 2010-2012 Guest Editors for a special issue on Child and Youth Mobility: Current Research and Nascent Themes. *Journal of Transport Geography*
- 2006-2007 Editorial Board Member, *Professional Geographer*.

### **HELD SIGNIFICANT PROFESSIONAL LEADERSHIP POSITIONS**

- 2023-2025 **President**, Southeastern Division of Association of American Geographers (Elected)
- 2023-2024 **Chair**, Status of Women Geography, American Association of Geographers
- 2021-2024 **Chair**, UNC Greensboro Graduate Council (Elected)
- 2020-2023 **Regional Councilor (representing Southeastern Division)** of the American Association of Geographers (SEDAAG) (Elected by the AAG members)
- 2021-2023 **Chair**, AAG Publications Committee (Appointed/Elected by the AAG Council)
- 2019-2023 **Editor-in-Chief**, *Southeastern Geographer* (Appointed by the SEDAAG)
- 2018-2025 **Member of the Board of Directors** for Race, Ethnicity, and Place (REP) Conference. (Appointed)
- 2013-2020 **Director of Graduate Studies**, Department of Geography, Environment, and Sustainability (GES) (Elected/Appointed)
- 2017-2020 **Chair**, College of Arts and Sciences Executive Committee (Elected)
- 2013-2018 **Co-chair** for commuting, migration, and labor market cluster group of Network on European Communications and Transport Activities Research (NECTAR). (Elected)
- 2012-2014 **Chair**, Transport Geography Specialty Group of the Association of American Geographers (TGSGAAG) (Elected)
- 2010-2012 **Secretary**, Ethnic Geography Specialty Group (EGSG) of the American Association of Geographers. (Elected)
- 2009-2011 **Advisory Board**, Member, Network on European Communications and Transport Activities Research (NECTAR).
- 2007-2009 **President**, *North Carolina Geographical Society* (Twice Elected)