

## EVA KASSENS-NOOR

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I am an urban transportation planner and traffic engineer, who is passionate about making our cities and regions resilient for, despite, and against extreme events and disruptive technologies. I have been granted over US\$1.7 million and close to €5 million as the lead-PI and published three books and over forty articles in peer-reviewed journals in service of that goal. As a Gilded Lilly Fellow (an award to pursue excellence in teaching), I am a passionate educator contributing to the Scholarship of Teaching and Learning, innovating my classroom through grants, and developing learning outcomes assessments for accrediting bodies.

### EDUCATION

**Ph.D. Massachusetts Institute of Technology** Cambridge, USA

*Department of Urban Studies and Planning (DUSP)*

Doctor of Philosophy in Urban and Regional Planning (September 2009)

Dissertation: Transportation Planning for Mega-Events: a Model of Urban Change

Research affiliations and fieldwork:

- **University of Technology Sydney**, Australia  
*Australian Center for Olympic Studies*  
Graduate Fellow (January-March 2008)
- **University College London**, UK  
*The Bartlett School of Planning*  
Exchange Student at the Centre for Mega-Project and Development (OMEGA Centre)  
(September-December 2007)
- **Universitat Autònoma de Barcelona**, Spain  
*Center for Olympic Studies/Centre d'Estudis Olímpics*  
Researcher (June-September 2007)

**S.M. Massachusetts Institute of Technology** Cambridge, USA

*Department of Civil and Environmental Engineering (CEE)*

Master of Science in Transportation (June 2005)

Master thesis: How to Prepare an Airport for the Olympic Games.

**Diplom-Ingenieur University of Karlsruhe (TH)**, Karlsruhe, Germany

*Department of Economics (Wirtschaftswissenschaften)*

Business Engineering (April 2005)

## ACADEMIC POSITIONS

**W3-Professor, Technical University Darmstadt**, Darmstadt, Germany (2022 - present)

*Civil and Environmental Engineering*

*Chair, Institute of Transport Planning and Traffic Engineering*

- **Michigan State University**, East Lansing, USA  
*Adjunct Professor School of Planning, Design and Construction & Global Urban Studies & Civil and Environmental Engineering & Geography, Environment and Spatial Sciences*

**Professor, Michigan State University**, East Lansing, USA (2021 - 2022)

*School of Planning, Design and Construction (SPDC)*

*Global Urban Studies Program (GUSP)*

*Adjunct Professor in Civil and Environmental Engineering*

*Adjunct Professor in Geography, Environment and Spatial Sciences*

**Associate Professor (with tenure), Michigan State University**, East Lansing, USA (2015 - 2021)

*School of Planning, Design and Construction (SPDC)*

*Global Urban Studies Program (GUSP)*

*Adjunct Associate Professor in Civil and Environmental Engineering (since 2019)*

*Adjunct Associate Professor in Geography, Environment and Spatial Sciences*

- **Massachusetts Institute of Technology**, Cambridge MA, USA  
*Department of Urban Studies and Planning*  
Visiting Associate Professor (July 2015 - June 2016)
- **National University of Singapore**, Singapore  
*Lee Kuan Yew School of Public Policy*  
Academic Visitor (July - August 2016)

**Assistant Professor, Michigan State University**, East Lansing, USA (2009 - 2015)

*School of Planning, Design and Construction (SPDC)*

*Global Urban Studies Program (GUSP)*

*Adjunct Assistant Professor in Geography, Environment and Spatial Sciences (since 2011)*

## RESEARCH, TEACHING, AND PROFESSIONAL AWARDS

### Research Grants and Contracts

ERC Consolidator Grant (Horizon 2020). 2023-2028. "urban scAInce: why and how cities transform through artificial intelligence and their associated technologies". Horizon 2020 (€ 1,988,346). PI: Eva Kassens-Noor

Role: lead of scientific ground-breaking innovative and excellent research on whether intelligence can be sustainable

BMWK (Bundesministerium für Wirtschaft und Klimaschutz). 2023-2025. "ELISA – E-Highway". Subproject ELISA II-B+: „Analysis of the test track on the A5 and the delivery of seven additional overhead catenary line trucks with new configurations“. Collaborative Research between Die Autobahn GmbH des Bundes, Technical University Darmstadt, Siemens Mobility GmbH and e-netz Südhessen AG (€ 1,606,877). PI: Eva Kassens-Noor

Role: lead of the accompanying scientific research, project design, survey data collection and analysis, communication and final reports; managed five scientific associates and one part-time administrator

Cooperative Agreement Numena and Spectra LLC, 2022-2024. (€ 1.2 million in-kind donation of virtual city) "Future Cities". PI: Eva Kassens-Noor

Role: lead of the accompanying scientific research, project design, survey data collection and analysis, communication and final reports

BMUV (Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz). 2022. "Elektrifizierter, innovativer Schwerverkehr auf Autobahnen". Subproject ELISA II-B: „Vorbereitung, Durchführung und Evaluation eines realitätsnahen Probebetriebs von OH-Lkw auf der ELISA-Versuchsanlage“ – Extension (2022). Collaborative research of Die Autobahn GmbH des Bundes, Technical University Darmstadt, Siemens Mobility GmbH and ENTEGA AG (€308,737). PI: Eva Kassens-Noor

Role: lead of the accompanying scientific research, project design, survey data collection and analysis, communication and final reports; managed five scientific associates and one part-time administrator

Deutsche Bahn AG. 2022-2023. "Marketingkommunikation in Krisensituationen" (provisional title). Collaborative research within the Innovation Alliance of Deutsche Bahn AG and Technical University Darmstadt. (€105,000). PI: Eva Kassens-Noor

Role: project lead, project design, survey data collection and analysis, communication and final reports

NSF (National Science Foundation). "REU Site: Sociomobility" 2020-2023 (\$349,954) *with* P. Savolainen (lead PI) NSF Co-PI: Kassens-Noor E. (8%); Senior Personnel: Anctil, Biswas, Bush, Cheng, Cotton, Ghamami, Grimm, Kotval-Karamchandani, Nguyen, Wittner

Role: project lead of the Social Sciences, student outcome assessment evaluation

MDOT (Michigan Department of Transportation). "Towards Best-practice Flex Routes: US-23 Performance, Safety, and Perception Assessment" 2019-2022 (\$184,676). PI: Eva Kassens-Noor (50%) Co-PIs: Gates T. (25%), Savolainen P. (25%)

Role: project lead: managed project and funds, lead project design, survey data collection and analysis, and communication with MDOT

MDOT (Michigan Department of Transportation). "Evaluating the Impacts of the 2017 Legislative Mandated Speed Limit Increases" 2019-2022 (\$230,104). PI: P. Savolainen (50%) Co-PIs: Gates T. (25%), Kassens-Noor E. (25%)

Role: lead state of the state survey design and public perception analysis on speed limit increases

MDOT (Michigan Department of Transportation). "Research on the Effectiveness of Crash Fact/Safety Message Signs on Dynamic Message Signs" 2019-2020 (\$127,024). PI: P. Savolainen (50%) Co-PIs: Gates T. (25%), Kassens-Noor E. (25%)

Role: lead state of the state survey design and public perception analysis on Michigan's safety messaging

Awards: High Value Research Project in Safety by AASHTO (2022)

MDOT (Michigan Department of Transportation). "Identification of Trip Purpose and Improving Customer Satisfaction with Transit Experiences in Michigan" 2019-2022 (\$506,366). PI: E. Kassens-Noor (75%) Co-PI: Kotval-Karamchandani Z.

Role: project lead: managed three research assistants, two PhD students, and one part-time administrator with Co-PI, lead project design, survey data collection and analysis, and final reports for 80 transit agencies across Michigan

MDOT (Michigan Department of Transportation). "Intercity Bus and Passenger Rail User Survey" 2018-2019 (\$110,000). PI: E. Kassens-Noor (75%) Co-PI: Kotval-Karamchandani Z.

Role: project lead: managed state-wide intercity survey overseeing 12 team members with Co-PI, led project design, survey data collection and analysis, and final reports for MDOT

LMTA (Ludington Mass Transportation Authority). "A survey for New Public Transit Services and Willingness to Pay" 2018 (\$9,215). PI: Z. Kotval-Karamchandani Co-PI: Kassens-Noor E. (25%).

Role: project communication with LMTA, reviewing results analysis and final report

MDOT (Michigan Department of Transportation). "A 5-year Review of Michigan's Public Transit System" 2017-2018 (\$112,300). PI: E. Kassens-Noor (75%) Co-PI: Kotval-Karamchandani Z.

Role: project lead, results analysis, and final report to MDOT

MDOT (Michigan Department of Transportation). "Measuring Customer Satisfaction and Identifying Trip Purpose" 2015-2018 (\$547,750). PI: E. Kassens-Noor (75%) Co-PI: Kotval-K Z.

Role: project lead: managed three research assistants, one PhD student, and one part-time administrator with Co-PI, led project design, survey data collection and analysis, and final reports for 80 transit agencies across Michigan

MDOT (Michigan Department of Transportation). "Assessing Michigan's Public Transit System" 2014-2017 (\$152,433). PI: E. Kassens-Noor (75%) Co-PI: Kotval-Karamchandani Z.,

Role: project lead, design of survey, results analysis, and final report to MDOT & public transit agencies

TetraTech contract for USAID project on "Tenure Global Climate Change" 2013-2017 (\$821,435). PI: J. Qi, Co-PIs: Kassens-Noor E. (5%), Messina J., Simmons C., McKeown C., Kerr J., Lu D., Moran E., Maxwell S., Schultink G., Zulu L., NejadhashemiA.

Role: expertise requested for climate adaptation planning

## **Internal Grant/Contracts**

TU Darmstadt, 2022. Start-up fund for foundation of the scAInce lab (EURO 120,000)

CBSA (Center for Business and Social Analytics, MSU) “Centennial study of MSU’s Sociomobility and Autonomous Futures” 2019-2020 (\$33,779.50) PI: E. Kassens-Noor Co-PIs: Kotval-Karamchandani Z., Wilson M., Qu T.

Role: project research lead, results analysis and publications

MAPPR (Michigan Applied Public Policy Research). Grant awarded by the Institute of Public Policy and Social Research, Michigan State University. “Autonomous Vehicles: Understanding Michigander Perceptions for Policymaking” 2017-2018 (\$33,000). Co-PIs: Cotton S. R., Yankelevich A., Wilson M., and Kassens-Noor E. (10%)

Role: contributions to survey questions, results analysis, and final report to MAPPR

Lilly Teaching Fellow. 2013-2014. Research grant on teaching awarded by MSU Office of Faculty & Organizational Development, Michigan State University. “The Flipping, Moving and Tweeting Classroom” 2013-2014 (\$14,000). PI: E.Kassens-Noor

CASID International Development Grant Program (IDGP) awarded by the Center for Advanced Study of International Development, Michigan State University. “World Cup Transport Legacies - the Case of South Africa” 2010-2011(\$5000). PI: E. Kassens-Noor

MAPPR (Michigan Applied Public Policy Research). Grant awarded by the Institute of Public Policy and Social Research, Michigan State University. “The High Speed Rail between Chicago and Detroit—The Road to Michigan’s Recovery?” 2009-2010 (\$21,500). PI: E. Kassens-Noor

## **Educational Fellowships**

Honorable Mention in the Best Technology Enhanced Course category in the 2021 MSU-AT&T Instructional Technology Awards Competition with UP/CE 878, Autonomous Futures: Self-driving cars, domotics, and artificial intelligence in smart cities (\$700):  
<https://attawards.msu.edu/winners/2021/eva-kassens-noor>

Catalyst innovation program from MSU Hub for Learning and Technology “Experiencing Autonomous Futures: Engaged Learning that challenges Technology Implementation for Smart Cities” 2019-2020 (\$9,261) PI: E. Kassens-Noor

SPDC Director’s Interdisciplinary Research Initiative Fund “Scholarship of Teaching and Learning Research: Interdisciplinary Learning in the Built Environment” 2019-2020 (\$11,000) PI: E. Kassens-Noor Co-PIs: Mollaoglu S., Kim S-K., and Kim J-H.

SPDC Built, Natural and Virtual Environment Mini-Grant Program “Online Teaching and Experiential Learning about Disruptive Technologies – Meeting the Challenges of the 21<sup>st</sup> Century” 2019-2020 (\$5000) PI: E. Kassens-Noor

Humanities and Arts Research Program (Production). 2018-2019. “Going for Triple Gold in the Category Legacy: Planning the Los Angeles Olympics 1932, 1984, and 2028” MSU Vice president for research and graduate studies (\$4928)

First Place in the Blended/Hybrid or Flipped Course category in the 2014 MSU-AT&T Instructional Technology Awards Competition with UP 488, Sustainable and Climate Resilient Cities (\$1500): <http://attawards.msu.edu/winners/2014/eva-kassens-noor>

MSU –Gilded Lilly (2013-2014). Year-long educational fellowship in support of excellence in teaching and learning including seminars, monthly meetings, readings and own project on the Scholarship of Teaching and Learning

ISSH (Institute on Systems Science and Health). Scholarship for Agent Based Modeling, University of Pittsburgh, May 22nd-27th, 2011

UTS Centre for Olympic Studies. Research fellowship, Sydney, 2008

IOC OSC (International Olympic Committee Olympic Studies Centre). Academic Research Scholarship, Switzerland, 2006

MIT Presidential Fellowship – awarded to top 5% of entering graduate students (2005/2006)

SDW (Stiftung der Deutschen Wirtschaft) fellowship funds for MIT graduate studies 2002/2003

BMW fellowship “fastlane”, 2002 – 2005

SDW (Stiftung der Deutschen Wirtschaft) Fellow for professional development, 2001-2005

DAAD Scholarship (German Academic Exchange) for research in Greece, 2004

MSU International Studies Centre. Travel Grant. Capetown, 2009 AND London 2012

MIT Graduate Student Council travel grant, 2007

MIT DUSP travel grant for Mayor’s urban age conference London, 2005

## RESEARCH ACTIVITY

### Books

**E. Kassens-Noor** (2020). *Los Angeles and the Summer Olympics: Planning Legacies*. Springer. Open Access: [https://link.springer.com/chapter/10.1007/978-3-030-38553-8\\_1](https://link.springer.com/chapter/10.1007/978-3-030-38553-8_1) (peer-reviewed)

Y. Yoo, Bae Y., and **Kassens-Noor, E.** (2017). *Mega-Events and Mega-Ambitions: South Korea's Rise and the Strategic Use of the Big Four Events*. Palgrave Macmillan UK

**E. Kassens-Noor** (2012). *Planning Olympic Legacies – Transport Dreams and Urban Realities*. Oxford: Routledge

### Book Chapters

12. Federico Cugurullo, Trinity College Dublin, Ransford Acheampong, **E. Kassens-Noor** (2022). "An Urbanistic Take on Autonomous Vehicles".

11. M. Wilson, T. Decaminada, and **E. Kassens-Noor** (2022). "Smart Cities and Smart Communities: Empowering Citizens through Intelligent Technologies" Smart City. Edited by Siddhartha Sen. Springer

10. M. Wilson, T. Decaminada, and **E. Kassens-Noor** (2022). Technology talks: the evolution and rhetoric of #SmartCities. Book edited by Stefano Di Vita on behalf of Ilaria Mariotti and Mina Akhavan. Routledge

9. M. Wilson and **E. Kassens-Noor** (2021). After the Rustbelt: Sustainability and Economic Regeneration in Detroit. In: *New Workplaces: Location Patterns, Urban Effects and Development Trajectories* Edited by Ilaria Mariotti, Stefano Di Vita, and Mina Akhavan. Springer

8. **E. Kassens-Noor** (2016). Twitter as a Teaching Practice to Enhance Active and Informal Learning in Higher Education: The Case of Sustainable Tweets. In M. Rectenwald and L. Carl (eds) in *Academic Writing, Real World Topics – Concise Edition*, Peterborough Canada: Broadview Press (reprint)

7. **E. Kassens-Noor** (2016). Olympic Transport. In J. Gold and M. Gold (eds) *Olympic Cities: City Agendas, Planning, and the World's Games, 1896 - 2016* (3rd). pp. 253-268 Oxford: Routledge.

6. **E. Kassens-Noor** (2016). Twitter as a Teaching Practice to Enhance Active and Informal Learning in Higher Education: The Case of Sustainable Tweets. In M. Malloch, L. Cairns, and B. N. O'Connor (eds) in *Learning and Teaching in Higher Education*, London, UK: Sage Publications (reprint)

5. **E. Kassens-Noor** (2015). The legacy of the 2004 Olympics for Athens' Transport System. In R. Holt and D. Ruta (eds) *The Routledge Handbook of Sport and Legacy: Meeting the Challenge of Major Sports Events*. Oxford: Routledge.

4. **E. Kassens-Noor** (2015) Twitter as a Teaching Practice to Enhance Active and Informal Learning in Higher Education: The Case of Sustainable Tweets. In M. Rectenwald and L. Carl (eds) in *Academic Writing: Real World Topics*, Calgary, Canada: Broadview Press (reprint)
3. **E. Kassens-Noor** (2014). Managing Transport during the Soccer World Cup. In S. Frawley and D. Adair (eds) *Managing the World Cup*. Sydney: Palgrave Macmillan.
2. **E. Kassens-Noor** (2013). Managing Transport during the Olympic Games. In S. Frawley and D. Adair (eds) *Managing the Olympics*. Sydney: Palgrave Macmillan.
1. T. Smith, Molloy J., **Kassens-Noor E.**, Li W., and Colunga M. (2013). Developing An Interdisciplinary Heuristic for Multidisciplinary Faculty Writing Groups. In A. E. Geller and M. Eodice (eds) *Working with Faculty Writers*. Salt Lake City: University of Utah Press

#### **Articles in Peer-Reviewed Publications** (\* articles with students)

46. Kotval-K, Zeenat, Annabelle Wilkinson, Andy Brush, and **E. Kassens-Noor**. 2023. "Impacts of Local Transit Systems on Vulnerable Populations in Michigan" *Urban Science* 7, no. 1: 16. <https://doi.org/10.3390/urbansci7010016>
45. **E. Kassens-Noor**, Suk-Kyung Kim, Jun-Hyun Kim, Sinem Mollaoglu-Scott, Rabia Faizan, Huiqing Huang, and Travis Decaminada. (2022) interdisciplinary and disciplinary learning in higher education: a diagnostic study with four accredited programs in the sustainable built environment. *Journal of Green Building*. Volume 17, Number 2, pp. 261-278. <https://doi.org/10.3992/jgb.17.3.279>
44. Regina Linke, Jürgen K. Wilke, Özgür Öztürk, Ferdinand Schöpp and **E. Kassens-Noor** (2022) The future of the eHighway System: a vision of a sustainable, climate-resilient, and artificially intelligent mega-project. *Journal of Mega Infrastructure Projects and Sustainable Development*. <https://doi.org/10.1080/24724718.2022.2131087>
43. **E. Kassens-Noor**, Kip Darcy, Andreea Ion Cojocaru, Ryan Rzepecki, Sunghun Jang, Wei Jiang, Tobias Monzert, Meng Cai & Matthew Crittenden (2022) Proposing the foundations of scAlnce by exploring the future of artificially intelligent, sustainable, and resilient megaprojects, *Journal of Mega Infrastructure & Sustainable Development*, 2:sup1, 5-20, <https://doi.org/10.1080/24724718.2022.2131098>
42. Pappas, Georgios, Joshua E. Siegel, **E. Kassens-Noor**, Jacob Rutkowski, Konstantinos Politopoulos, and Antonis A. Zorpas (2022) "Game-Based Simulation and Study of Pedestrian-Automated Vehicle Interactions" *Automation* 3, no. 3: 315-336. <https://doi.org/10.3390/automation3030017>
41. **E. Kassens-Noor**, K Darcy\*, (2022) "Our Autonomous Future" *Journal of the American Planning Association*, Volume: 88, Issue: 03, pages 429 - 432. <https://doi.org/10.1080/01944363.2022.2070407>
40. **E. Kassens-Noor**, M Wilson, T Yigitcanlar (published online 2021) Where Are Autonomous Vehicles Taking Us? *Journal of Urban Technology* 28 (3-4), 1-4 <https://doi.org/10.1080/10630732.2021.1985318>



39. **E. Kassens-Noor**, Siegel J., and Decaminada T.\* (published online 2021) Choosing Morals over Ethics: a Possible Determinant to Embracing Autonomous Vehicles? *Frontiers in Sustainable Cities*. <https://doi.org/10.3389/frsc.2021.723475>
38. **E. Kassens-Noor**, Savolainen P., Gates T., Decaminada T.\*, and Cai M.\* (2021). Communicating with Drivers via Dynamic Safety Messages: Agency Practice, Effect on Driving Behavior, and Personal Preferences. *Transportation Research Part F: Psychology and Behaviour* 81C 417-430 [10.1016/j.trf.2021.06.010](https://doi.org/10.1016/j.trf.2021.06.010)
37. **E. Kassens-Noor**, Cai M.\*, Kotval-Karamchandani Z., and Decaminada T.\* (2021). Autonomous Vehicles and Mobility for People with Special Needs. *Transportation Research Part A: Policy and Practice* 150 385-397 [10.1016/j.tra.2021.06.014](https://doi.org/10.1016/j.tra.2021.06.014)
36. M.-U. Megat-Johari\*, Megat-Johari N. \*, Savolainen P., Gates T., and Kassens-Noor E. (published online 2021) Does Displaying Safety Messages on Dynamic Message Signs have Measurable Impacts on Crash Risk? *Transportation Research Record*. <https://doi.org/10.1177/03611981211044461>
35. N. Megat-Johari\*, Megat-Johari M.-U\*, Savolainen P., Gates T., and **Kassens-Noor E.** (2021) Examining Driver Compliance with a Move-Over/Slow Down Law in Consideration of Vehicle Type and Messages Displayed on Upstream Dynamic Message Signs. *Transportation Research Record* 2675 (12) 92-102 <https://doi.org/10.1177/03611981211027880>
34. **E. Kassens-Noor**, Wilson, M., Kotval-Karamchandani Z., Cai M.\*, and Decaminada T.\* (published online 2021). Living with Autonomy: Public Perceptions of an AI Mediated Future. *Journal of Planning Education and Research*. <https://doi.org/10.1177/0739456X20984529>
33. **E. Kassens-Noor**, Wilson M., Cai M.\*, Durst N., and Decaminada T.\* (published online 2021) – Autonomous vs. Self-driving Vehicles: The Power of Language to Shape Public Perceptions. *Journal of Urban Technology*. 28 (3-4) 5-24 <https://doi.org/10.1080/10630732.2020.1847983>.
32. S. Mahmud\*, Gupta N.\*, Safaei B.\*, Jashami H.\*, Gates T., Savolainen P., and **Kassens-Noor E.** (2021) Evaluating the Impacts of Speed Limit Increases on Rural Two-Lane Highways using Quantile Regression. *Transportation Research Record* 2675 (11). 740-753. <https://doi.org/10.1177/03611981211019732>
31. J. Barnett., Gizinski N.\*, Mondrag on-Parra E.\*, Siegel J., Morris D., Gates T., **Kassens-Noor E.**, and Savolainen P. (2021) Sharing the Road: Improving Automated Vehicle Compliance with Pedalcyclist Passing Laws. *IEEE Transactions on Intelligent Vehicles*. Vol 6 (4) 649 – 664. <https://doi.org/10.1109/TIV.2020.3046859>
30. **E. Kassens-Noor**, Durst N., Parcell J.\*, and Decaminada T.\* (published online 2021). Experiencing Autonomous Futures: Engaged Learning with Next-Generation Technologies. *Active Learning in Higher Education*. <https://doi.org/10.1177/1469787420982546>
29. **E. Kassens-Noor**, Dake D.\*, Decaminada T\*, Wilson, M., Kotval-K. Z., Qu, T., and Pentland B. (2020). Sociomobility of the 21<sup>st</sup> Century: Autonomous Vehicles, Planning, and the Future City. *Transport Policy*. (99) 329-335 <https://www.sciencedirect.com/science/article/abs/pii/S0967070X20303292>

28. **E. Kassens-Noor**, Kotval-Karamchandani Z., and Cai M.\* (2020) Willingness to Ride and Perception of Autonomous Public Transit. *Transportation Research Part A: Policy and Practice*. 138. 92-104. <https://doi.org/10.1016/j.tra.2020.05.010>
27. **E. Kassens-Noor** and Hintze A., (2020). Cities of the Future? The potential impact of Artificial Intelligence. Special issue: Artificial Intelligence in the Smart Everything and Everywhere Era. *Feature article in AI*. 1(2) 192-197
26. S. Mollaoglu, Kim, S., Kim H., **Kassens-Noor E.**, and R. Faizan\* (2020) Piloting Interdisciplinary Learning Measurement for Sustainable Built Environments. *ASCE Construction Research Congress*, March 8-10 2020, Tempe, AZ. <https://ascelibrary.org/doi/abs/10.1061/9780784482872.083>
25. Z. Kotval-Karamchandani, Wilkinson A.\*, Brush A., and **Kassens-Noor E.**, (accepted November 2019) Transportation for Seniors and Low-income Residents in Michigan. *Conference Proceedings 57th International Making Cities Livable Conference: A Healthy City for ALL in Carmel, IN*, June 2-6
24. **E. Kassens-Noor**, Kotval-Karamchandani Z., Brush A., Doshier K.\*, and Biskey M.\* (2019). Michigan's Public Transportation: An Application of Statewide Performance Assessment and Management. *Transportation Research Interdisciplinary Perspectives*. 1, <https://doi.org/10.1016/j.trip.2019.100013>
23. **E. Kassens-Noor** (2019). 'Failure to Adjust': Boston's Bid for the 2024 Olympics and the Difficulties of Learning Olympic Wisdom. *Environment and Planning A*. 51(8). 1684-1702 <https://doi.org/10.1177/0308518X19857104>
22. **E. Kassens-Noor** and Ladd J.\* (2019). No Right to Share the City: Being Homeless in Rio de Janeiro during the FIFA World Cup. *Human Geography: A New Radical Journal*. 12(2) pp. 51-63
21. **E. Kassens-Noor** (2019). Transportation Planning and Policy in the Pursuit of Mega-Events: Boston's 2024 Olympic Bid. *Transport Policy*. 74, pp. 239-245 [10.1016/j.tranpol.2018.12.005](https://doi.org/10.1016/j.tranpol.2018.12.005)
20. **E. Kassens-Noor**, Wilson M. and Vertalka J.\* (2019) – Good Games, Bad Hosts? Using Big Data to measure Public Attention and Imagery of the Olympic Games. *Cities*. 90, pp. 229-236 <https://doi.org/10.1016/j.cities.2019.02.009>
19. J. Vertalka\*, **Kassens-Noor, E.**, and Wilson M., (2019). Data on Sentiments and Emotions of Olympic-themed Tweets. *Data in Brief*. Open access. <https://doi.org/10.1016/j.dib.2019.103869>
18. **E. Kassens-Noor** and Laueremann J. (2018) Mechanism of Policy Failure: Boston's 2024 Olympic Bid. *Urban Studies*. 55(15), pp. 3369-3384 [doi.org/10.1177/0042098017740286](https://doi.org/10.1177/0042098017740286)
17. **E. Kassens-Noor** and Fukushige T.\* (2018). Olympic Technologies - Tokyo 2020 and Beyond: The Urban Technology Metropolis. *Journal of Urban Technology*. 25(3), pp. 83-104 doi: [10.1080/10630732.2016.1157949](https://doi.org/10.1080/10630732.2016.1157949)

16. **E. Kassens-Noor**, Gaffney C., Messina J., and Phillips E.\* (2018). Olympic Transport Legacies: The Case of Rio de Janeiro's BRT System. *Journal of Planning Education and Research*. 38 (1) pp. 13-24 doi: [10.1177/0739456X16683228](https://doi.org/10.1177/0739456X16683228)
15. **E. Kassens-Noor** and Lauermaann J. (2017). How to Bid Better for the Olympics: A Participatory Mega-Event Planning Strategy for Local Legacies. Feature article in the *Journal of the American Planning Association*. 83(4): 335-345 <http://dx.doi.org/10.1080/01944363.2017.1361857>
14. **E. Kassens-Noor** (2016). From Ephemeral Planning to Permanent Urbanism: An Urban Planning Theory of Mega-Events. *Urban Planning*. Vol 1 Iss 1. pp. 41-52. doi: [10.17645/up.v1i1.532](https://doi.org/10.17645/up.v1i1.532)
13. **E. Kassens-Noor** (2016). Flip, Move, Tweet: A Blended Course Design for Different Learning Environments in Urban Planning, Sustainability, and Climate Change University Courses. *International Journal for the Scholarship of Technology Enhanced Learning*. Vol 1 Iss 1. pp. 83-99 <http://ejournals.library.gatech.edu/ijotel/index.php/ijotel/article/view/7>
12. **E. Kassens-Noor** and Kayal P.\* (2016). India's new Globalization Strategy and its Consequences for Urban Development: the Impact of the 2010 Commonwealth Games on New Delhi's Transport System. *International Planning Studies*. Vol 21 Iss 1, pp. 34-49 doi: [10.1080/13563475.2015.1114448](https://doi.org/10.1080/13563475.2015.1114448)
11. **E. Kassens-Noor**, Wilson M., Müller S., Maharaj B., and Huntoon L. (2015). Towards a Mega-Event Legacy Framework. *Leisure Studies*. Vol 34 Iss 6, pp. 665-671 doi: [10.1080/02614367.2015.1035316](https://doi.org/10.1080/02614367.2015.1035316)
10. S. Chandra and **Kassens-Noor E.**, (2014). The Evolution and Diffusion of the Influenza Pandemic of 1918-19 in India. *BMC Infectious Disease*: 14:510 doi:[10.1186/1471-2334-14-510](https://doi.org/10.1186/1471-2334-14-510)
9. **E. Kassens-Noor** (2013). The Transport Legacy of the Olympic Games, 1992-2012. *Journal of Urban Affairs* 35(4), pp. 393-416. doi: [10.1111/j.1467-9906.2012.00626.x](https://doi.org/10.1111/j.1467-9906.2012.00626.x)
8. S. Chandra, **Kassens-Noor E.**, Kuljanin G.\*, Vertalka J.\* (2013). A Geographic Analysis of Population Density Thresholds in the Influenza Pandemic of 1918-19. *International Journal of Health Geographics*:12(9). doi:[10.1186/1476-072X-12-9](https://doi.org/10.1186/1476-072X-12-9)
7. U. Bob and **Kassens-Noor E.** (2012). An Indicator Framework to Assess the Legacy Impacts of the 2010 FIFA World Cup. *African Journal for Physical, Health Education, Recreation and Dance (AJPHERD)* September 2012 (Supplement 1), pp. 12-21.
6. **E. Kassens-Noor** (2012). Twitter as a Teaching Practice to Enhance Active and Informal Learning in Higher Education: the Case of Sustainable Tweets. *Active Learning in Higher Education* 13(1), pp. 67-79
5. **E. Kassens-Noor** (2011) Planning Against Hazards for a Resilient and Sustainable Community Through Adaptive Transportation Systems. *Journal of Homeland Security*. Online Edition: Catastrophes and Complex Systems: Transportation

4. Z. Neal, and **Kassens-Noor E.** (2011). The Business Passenger Niche: Comparing Legacy Carriers and Southwest during a National Recession. *Journal of Air Transport Management* 17, pp. 231-232

3. **E. Kassens-Noor** (2010). Sustaining the Momentum - the Olympics as Potential Catalysts for Enhancing Urban Transport. *Transportation Research Record*, Volume 2187, pp. 106-113

2. **E. Kassens-Noor** (2010). Peak Demands in Transport Systems – an Agenda for Research. *ID 01541, G6 Transport for Tourism, Mass Events and Special Needs, Selected Proceedings of the 12th World Conference on Transport Research Society*, ISBN 978-989-96986-1-1.

1.A. Odoni, Stamatopoulos M., **Kassens-Noor E.**, Metsovitis I. (2009). Preparing an Airport for the Olympic Games: Athens. *ASCE Journal of Infrastructure Systems*, 15 (1), pp. 50-59.

## Editorships

**Editorial Board Member**, Journal of Urban Technology (2020-present)

**Guest Editor** *Journal of Mega Infrastructure and Sustainable Development* (2021-2022):  
“Artificially Intelligent Megaprojects: Benefits, Risks and Sustainable Development”

**Series Editor** (2015-2021) for *Palgrave Macmillan pivot book series: “Mega-Event Planning.”*  
Books are all original contributions and peer-reviewed double-blind. The following appeared in the series (<http://www.palgrave.com/kr/series/14808>):

- Mega-Events in Post-Soviet Eurasia by Makarychev, A. (Ed), Yatsyk, A. (Ed) (2016)
- Mega-Events and Mega-Ambitions: South Korea’s Rise and the Strategic Use of the Big Four Events by Joo Y., Y. Bae Y., Kassens-Noor, E. (2017)
- Failed Olympic Bids and the Transformation of Urban Space by Oliver, R. and Lauermann, J. (2017)
- Sports Mega-Events and Urban Legacies: the 2014 FIFA World Cup, Brazil by Nobre, E.A.C. (Ed) (2017)
- Mega-Events and Legacies in Post-Metropolitan spaces by S. Di Vita, and C. Morandi (2018)
- Sport Mega-Events in Emerging Economies by Bravo, G. A., Shonk, D. J., Silva-Bórquez, J., González-Mesina, S. (2018)
- Entering the Global Arena - Emerging States, Soft Power Strategies and Sports Mega-Events by Grix, J., P.M. Brennagan, and D. Lee (2019)
- Barcelona 92: A Legacy Case Study by Solanellas F. and A. Camps (2020)
- Barcelona 1936 Popular Olympics by J. Stout (2020)
- Career Legacy of Mega-Events for Local communities by N. Vadiati (2020)
- Contesting the Olympics in American Cities (2021) by Matthew Burbank and Greg Andranovich

**Guest Co-editor** with T. Yigitcanlar and M. Wilson for *Journal of Urban Technology* (2019-2021):  
“Cities and Autonomous Technologies”

**Guest Editor** for *Sustainability* (2013): “Sustainable Mega-Events”

**Managing Editor** for *Projections* Vol. 9 (2009): “Sustainable Transportation: An International Perspective” Planning Journal of the Department of Urban Studies and Planning, MIT, USA

**Published Book review:** E. Kassens-Noor (2015) Book review on Newman, Peter G. and Jeffrey R. Kenworthy: *The End of Automobile Dependence: How Cities are Moving beyond Car-Based Planning.* (2015) Washington, DC: Island Press. 320 pp. \$45.00 (paperback). ISBN 978-1-61091-463-5 published by. Journal of Planning Education and Research

## **Invited Conference Papers and Presentations**

**E. Kassens-Noor** The (Un)Sustainability of the Summer Olympic Games. Invited speaker on Mega-events and the City series, funded by the Milan Urban Center and the Politecnico di Milano Milano, Italy (online 12 May 2020)

**E. Kassens-Noor** How Michigan Public Transit Riders Perceive Autonomous Vehicles. Invited Speaker at Michigan Council on Future Mobility, Troy, MI November 15, 2019

**E. Kassens-Noor** Social Consequences of Autonomous Vehicles. Panelist on MSU's Sociomobility Workshop, East Lansing, May 17, 2019

**E. Kassens-Noor** Detroit Exercise – Complex Transportation Emergencies. Dense Urban Conference, Detroit, August 21-23, 2018

**E. Kassens-Noor** Rethinking South-South Cooperation: India and Brazil in the 21st Century. Track: Mega-Events and Global Repercussions. University of Pittsburgh, March 27-28, 2018

**E. Kassens-Noor** Lesson's Learned from Olympic Hosting. Los Angeles Chapter of the American Planning Association. Los Angeles, November 2017. Invited Panelist

**E. Kassens-Noor** The Olympics as Potential Catalysts for Enhancing Urban Transport. Transportation Research Board. The National Academies of Sciences, Engineering, and Medicine. Webinar June 2016. Invited Panelist

**E. Kassens-Noor** Urban Infrastructure Development through Olympic Games: Dreams and Realities. HafenCity University Hamburg. Hamburg, Germany, November 2015. Invited Speaker

**E. Kassens-Noor** Boston Futures Discussion: Mobilities of the Future: Boston's Multi-modal Transport Opportunities. MIT, SA+P. Cambridge MA, July 2015 Invited Moderator

**E. Kassens-Noor** Green Sport Alliance Summit. Invited panel speaker. Chicago. June 2015.

**E. Kassens-Noor** Planning for Boston 2024. Symposium organized by the Massachusetts Association of Consulting Planners (MACP) and the Massachusetts Institute of Technology (Department of Urban Studies and Planning), March 2015. Sole invited presenter

**E. Kassens-Noor** Planning for Climate Resilient Cities. SMAP conference, January 2013. Invited keynote speech.

**E. Kassens-Noor** Planning Against Hazards for a Resilient and Sustainable Community Through Adaptive Transportation Systems white paper presented at the 2011 DHS Science Conference - Fifth Annual DHS Network Summit. Washington DC, USA, March 30-April1, 2011. Invited panelist.

**E. Kassens-Noor** Transport Planning for Mega-Events: Practices of the Past paper presented at the *Cities for Mobility Conference*. Stuttgart, Germany. June 10-13, 2007. Invited speaker.

## Conference Presentations

Wilson, M.I., Kassens-Noor, E. & Kotval-Karamchandani, Zeenat (2022) "Urban Planning Implications of Autonomous Vehicles." International Urban Planning and Environment Congress, Tartu, Estonia, 29 Jul – 01 Aug 2022.

E. Kassens-Noor, Z. Neal, J. Siegel, T. Decaminada (2021) Choosing Morals over Ethics: a Possible Determinant to Embracing Autonomous Vehicles? poster presentation at *Transportation Research Board*. Washington DC, Jan. 25-29, 2021.

MU. Megat-Johari, N. Megat-Johari, P. Savolainen, T. Gates, and E. Kassens-Noor (2021) Examining Trends in Traffic Crashes as They Relate to the Display of Safety Messages on Dynamic Message Signs poster presentation at *Transportation Research Board*. Washington DC, Jan. 25-29, 2021.

Md Shakir Mahmud, N. Gupta, B. Safaei, H. Jashami, T. Gates, P. Savolainen, and E. Kassens-Noor (2021) Evaluating the impacts of speed limit increases on rural two-lane highway using quantile regressions poster presentation at *Transportation Research Board*. Washington DC, Jan. 25-29, 2021.

N. Megat-Johari, MU. Megat-Johari, P. Savolainen, T. Gates, and E. Kassens-Noor (2021) Examining Driver Compliance with a Move-Over/Slow Down Law in Consideration of Vehicle Type and Messages Displayed on Upstream Dynamic Message Signs poster presentation at *Transportation Research Board*. Washington DC, Jan. 25-29, 2021.

E. Kassens-Noor, Cai M., Kotval-Karamchandani Z. (2020) Perceptions of Autonomous Vehicles as Public Transit: a Michigan perspective presentation at *ACSP*. Toronto Canada, Nov. 5- 8, 2020.

Session organizer: Artificial Intelligence and Autonomous Vehicles

M. Wilson, Huang H., Kassens-Noor E. and Kotval-Karamchandani Z. (2020) Disappearing Cars: Land Use Implications of Autonomous Vehicles. *ACSP*. Toronto Canada, Nov. 5- 8, 2020.

M. Wilson, Kassens-Noor E. and Kotval-Karamchandani Z., Urban Planning Implications of Autonomous Vehicles. Tartu 2020 (postponed due to COVID19)

E. Kassens-Noor, Kotval-Karamchandani Z., and Wilson M., Artificial Intelligence as the future of urban living: perceptions of an aspiring living laboratory. Urban Affairs Association, Washington DC, April 2-4, 2020 (cancelled due to COVID19)

Session chair: SA2.05.17 Smart City Technology and the Future of Urban Governance

S. Mollaoglu, Kim S., Kim H., Kassens-Noor E., and Faizan R.\* (presented 2020) Piloting Interdisciplinary Learning Measurement for Sustainable Built Environments. Poster presentation at the ASCE Construction Research Congress, March 8-10 2020, Tempe, AZ.

M. Wilson., Kassens-Noor E., and Dake D.\* Self-Driving Technology is Ready Now, but How do People and Communities Prepare? Dubai World Congress For Self-Driving Transport, October 15-16, 2019

A. Wilkinson\*, Kassens-Noor E., and Kotval-Karamchandani Z., Transportation for the Elderly and Low-Income Residents in Michigan. 56th International Making Cities Livable Conference on A Healthy City for ALL in Portland, Oregon, June 17-21, 2019

E. Kassens-Noor, Planning the Legacies for the Three Los Angeles Olympics. Presentation at the Urban Affairs Association. Los Angeles CA, April 24-27, 2019  
Colloquium organizer: A love-hate relationship over a century: Los Angeles and the Summer Olympic Games

J. Lauermaann and Kassens-Noor E.. Plans that didn't happen: The Geography of Urban Regeneration Failures in South Boston. American Association of Geographers Annual Meeting, Washington DC, April 5, 2019

E. Kassens-Noor and Nubani L., Mega-Event Planning in the Arab World: A Case Study of Dubai's 2020 World Exposition. Presentation at the Cities of the Arab World: Theory, Investigation and Critique An Interdisciplinary Conference. East Lansing MI, February 14-15, 2019

M. Wilson and Kassens-Noor E. Scary Robots, Craziiness and Cool: Public perceptions of Autonomous Vehicles. International Geographical Union. Quebec City CA, August 15-28, 2018

E. Kassens-Noor, Wilson M., Flood L., Khodadost S., Cotton S., and Yankelovich A. Autonomous Vehicles as Public Transit. Poster presentation at Workshop on Autonomous Vehicles in Society: Building a Research Agenda, USA May 18–19, 2018  
Facilitator for Research Theme: Smart Cities/Urban Design

E. Kassens-Noor, Planning for Participatory Mega-Events. Presentation at APA 2018 National Planning Conference New Orleans, USA April 21–24, 2018  
Speaker in panel: JAPA Research that matters

J. Blythe, Kassens-Noor E. and Wilson M.. Germany's Post-Reunification Mega-Events: Planners' Intentions vs. Residents' Perceptions. Presentation at Association of American Geographers. New Orleans, April 10-14, 2018

E. Kassens-Noor, Transportation Policy in the Making under an Olympically-Driven Development Proposal. Presentation at the Urban Affairs Association. Toronto CA, April 4-7, 2018  
Panel Organizer: Mega-Event Planning



E. Kassens-Noor, Vertalka J., and Wilson M.. Olympic Tweeters: Using Big Data to Track Global Perceptions about the Games. Presentation at Association of American Geographers. Boston MA, April 5-9, 2017

Sessions Co-organizer: Mega-Event planning: the Contested Spaces of the Olympics, World Cup and World's Fairs

E. Kassens-Noor. Flip, Move, Tweet: a Blended Course Design for Different Learning Environments in Urban Planning, Sustainability, and Climate Change University Courses, presentation at ACSP. Portland OR, Nov. 3- 6, 2016

E. Kassens-Noor and Kayal P. India's New Globalization Strategy and its Consequences for Urban Development: The Impact of the 2010 Commonwealth Games on Delhi's Transport System. Paper presented at the Association of American Geographers. Chicago, April 21-25, 2015

Sessions Co-organizer: Big Projects, Mega Complexity, Gigantic Impacts: Mega-Events

E. Kassens-Noor. Panelist in Panel discussion: Mega-projects, Mega-Events: Future Research Agendas at the Association of American Geographers. Chicago, April 21-25, 2015

E. Kassens-Noor, Gaffney C., Messina J., and Phillips E. The Prospect of Olympic Transport Legacies: The Case of Rio de Janeiro's BRT system. Paper presented at the Urban Affairs Association. Miami, April 8-11, 2015

Session Moderator: TH11.00.15 The City and Adaption to External Factors

E. Kassens-Noor and Ladd J. The Ethics of Mega-Events presentation at the Association of Collegiate Schools of Planning. Philadelphia, Oct 30- Nov 2, 2014

E. Kassens-Noor, The Flipping, Moving, and Tweeting Classroom. Presentation at the Teaching Professor Conference. Boston, May 31- June 2, 2014

E. Kassens-Noor, (co-organizer of session). Special Session 6: Mega-Event Planning: The Impact of the Olympics and World's Fairs on their Host Cities. Regional Studies Association European Conference 2014, Izmir, Turkey: Diverse Regions: Building Resilient Communities and Territories

E. Kassens-Noor, The Flipping, Moving, and Tweeting Classroom. Poster presented at the Lilly Fellowship Symposium 2014

E. Kassens-Noor, and Kayal P. Mega-Event & Transportation: Analyzing New Delhi and XIX Commonwealth Games, 2010 paper presented at Global Studies Conference. Delhi, India, Sept 3- 6, 2013

E. Kassens-Noor, (co-organizer of conference). Mega-Events and their Planning Legacies. Also paper presented at the Mega-Event Planning Conference. Seoul, South Korea, July 29- Aug 3, 2013

E. Kassens-Noor, and Gaffney C. Mega-Events producing Mega-projects: the 2016 Olympics and Rio's New BRTs. Paper presented at the ENANPUR. Recife, Brazil, May 20- 24, 2013

E. Kassens-Noor, Mega-Event Utopias paper presented at the Urban Affairs Association. San Francisco, USA, April 3- 6, 2013

Panel Organizer: MEGAEVENTPLANNING: Mega-Events and Urban Development

E. Kassens-Noor, Maharaj B., Müller S., Huntoon L., and Wilson M. The Mega-Event Legacy – a Framework for Urban Development Types. Paper presented at the Association of American Geographers. Los Angeles, USA, April 10-15, 2013

Panel Organizer: Mega-Events Planning

E. Kassens-Noor, MSU series - Salt Water Encounters. How Pacific Islands can Adapt and Mitigate Climate Change. February 2, 2013

E. Kassens-Noor, and Brushaber P. Michigan's Highspeed Rail presented at the Association of Collegiate Schools of Planning Annual Conference. Cincinnati, USA, November 1-4, 2012.

E. Kassens-Noor, The Transport Legacy of the Olympic Games. 32nd International Geographical Congress. Cologne, Germany, August 26-30, 2012.

Session Co-chair: "Mega-Events, globalization and urban development I" (UDC 10-01)

S. Lang, Crawford P., Millenbah K., Kassens-Noor E., Orth M., and Drake E. Academic Cultures: Differences In Evaluating Teaching Excellence, for the American Society for Horticultural Science 2012 Annual Conference. Miami, USA. July 29-August 4, 2012

P. Crawford, Lang S., Millenbah K. Orth M., Kassens-Noor E., and Drake E. Evaluating Teaching Excellence across Academic Cultures, poster presented at the MSU SoTL Symposium 2011

J. Vertalka and Kassens-Noor E. The Resilience of Airports: Adaptation Planning against Hazards and for Potential Disaster Recovery. Paper presented at the Urban Affairs Association. New Orleans, March 16-19, 2011

E. Kassens-Noor, The Urban Legacy of the Olympic Games. Paper presented at the Association of Collegiate Schools of Planning Annual Conference. Minnesota, USA, Oct. 7 – 10, 2010

Pre-organized session creator: „Mega-Events: Olympics, World Cups and World Fairs“

E. Kassens-Noor, Peak Demands in Transport Systems – an Agenda for Research. Paper presented at the World Conference on Transport Research. Lisbon, Portugal, Jul. 11 – 15, 2010

Session chair: G 6.3

E. Kassens-Noor, Changing Cities through Mega-Events. Paper presented at the Urban Affairs Association. Honolulu, Hawaii, March. 10 – 13, 2010

Moderator for session: Reassessing Big Projects and Events

E. Kassens-Noor, Sustaining the Momentum: The Olympics as Potential Catalysts for Enhancing Urban Transport. Paper presented at the Transport Research Board Conference. Washington D.C., USA, Jan. 10 – 14, 2010

E. Kassens-Noor, Sustaining the Momentum: the Olympics as Potential Catalysts for Enhancing Urban Transport. Paper presented at the Sport Mega-Events and their Legacies Conference. Capetown, South Africa, Dec. 2 – 4, 2009

E. Kassens-Noor, Lesson's Learned from Transportation Planning for the Olympics – are the Innovative Short-Term Measures applicable to Metropolitan Transport Systems? Paper presented at the Association of Collegiate Schools of Planning Annual Conference. Crystal City, Sept. 30 – Oct. 4, 2009

E. Kassens-Noor, Sustaining the momentum. Paper presented at the Association of Collegiate Schools of Planning Annual Conference. Chicago. July 8 - 11, 2008

E. Kassens-Noor, Transportation Planning for Sustainable Urban Transport Development through Mega-Events. Paper presented at the Association of Collegiate Schools of Planning Annual Conference. Milwaukee. October 17-21, 2007

E. Kassens-Noor, Athens Olympic Transport Modelling. Paper presented at The First Transportation Engineering Research Symposium (MAITE), March 2005

#### **Outreach Publications & Presentations**

Lehmann, M., Bramme, M., Brauer, C., Bulenda, A., Burghard, U., Burgert, T., Kassens-Noor E.... & Staub, M. Aktuelle technische Erkenntnisse zum eHighway-System aus Feldversuch und Begleitforschung.

S. Chandra, and Kassens-Noor E. (June 16<sup>th</sup>, 2020) 5 ways the world is better off dealing with a pandemic now than in 1918. The Conversation.

M. Wilson and Kassens-Noor E. (June 24<sup>th</sup>, 2019), Italy's minimal competition to host the 2026 Winter Olympics. The Conversation.

S. R. Cotton, Huang K-T., Kadylak T., Kassens-Noor E., Wilson M., and Yankelevich A. (2019) Expectation, Legislation, and Perception Regarding Automated Vehicles in the State of Michigan. East Lansing, Mich.: Institute for Public Policy and Social Research.

D. Bailey, Cefkin M., Cotton S., Crowston K., Erickson I., Kassens-Noor E., Kennedy J., King J. L., Madill H., Nickerson J., Penn J.N., Pentland B. T., Rayhawk K., Shortridge A., Stilgoe J., Straub E., Wilson M. , Weinfeld A. (white paper): Connected and Autonomous Vehicles in Society: An Agenda for Social and Policy Research. Developed with participants at the MSU Workshop on Autonomous Vehicles in Society, May 18-19, 2018: <http://mobility.msu.edu>

E. Kassens-Noor and Kotval-Karamchandani Z., (2015/2016/2017/2018). Assessing Michigan's Transport System. *Presentation at the Annual MDOT meeting*

E. Kassens-Noor and Kotval-Karamchandani Z., (2016/2017/2018). Assessing Customer Satisfaction and Trip purpose. *Presentation at the Annual MDOT meeting*

E. Kassens-Noor (2013) Legacy in the Making: Rio's Olympic Transformation. Nodium. Zeitschrift des Alumni-Clubs Landschaft der TU München. Volume: Olympische Landschaften. pp. 88-91

E. Kassens-Noor Public Transit Policy. Paper presented at the Michigan Higher Education Land Policy (MIHELP) Consortium in the series on Reinventing Prosperous Places. Detroit, April 29, 2010

E. Kassens-Noor, Vertalka J., Sojka A., Curran P., and Maguire A. 2010. Report on Preferences of Michigan Communities along the Wolverine Corridor for the future of Michigan's High Speed Rail Service. East Lansing, Mich.: Institute for Public Policy and Social Research. Available from World Wide Web: <http://www.ippsr.msu.edu/AppliedResearch/Grants.htm>

### Media mentions

E. Kassens-Noor, Written by Baily Aldridge. Do you know someone who's had coronavirus? It may depend where you live, survey finds, *News Observer*. 2020.

E. Kassens-Noor, Reported by Jeff Semple. Covid-19: Could Toronto see a crisis like New York? *Global News*. 2020

E. Kassens-Noor, Comparing the Spanish flu and Covid-19. *The Warren Pierce Radio Show*. 2020

E. Kassens-Noor, Written by Brittany Flowers. MSU expert on pandemics breaks down Covid-19. *WLNS*. 2020

E. Kassens-Noor, Written by Ed Kilgore. Red America may blame Blue America for the Coronavirus. *Intelligencer*. 2020.

E. Kassens-Noor, Written by Ronald Brownstein. Red and Blue America aren't experiencing the same pandemic. *The Atlantic*. 2020.

E. Kassens-Noor, Written by Seema Chishti. Spanish flu: Lessons from a pandemic that took 10 million lives in India. *Indian Express*. 2020.

E. Kassens-Noor, Written by Laura Bliss and Kriston Capps. Are suburbs safer from coronavirus? Probably not. *Bloomberg*. 2020.

E. Kassens-Noor, Italy's minimal competition to host the 2026 Winter Olympics. *The Conversation*. 2019.

Kassens-Noor, E. Written by Lew Blaustein. Men's and Women's Final Four from a Green-Sports Perspective. *GreenSportsBlog*. 2019.

E. Kassens-Noor, Written by Aarian Marshall. How to host the Olympics and actually improve your city's transit. *Wires*. 2016.

E. Kassens-Noor, Written by Jason McLure. Getting the Olympic right. *Global Journalist*. 2016.

- E. Kassens-Noor, Written by John Shegerian. Mega Events, Sports & Sustainability. *GreemIsGoodRadio.com*. 2015
- E. Kassens-Noor, Written by Lew Blaustein. Planning Sustainable Olympic Legacies at Michigan State and MIT. *GreenSportsBlog*. 2015
- E. Kassens-Noor, Online. Best and Worse Winter Olympics. *Star Tribune*. 2014.
- E. Kassens-Noor, Written by Alex Harborst. Mega Events: Inside the Winter Olympics. *MSU News*. 2014.
- E. Kassens-Noor,. IOC world media RIO 2016 coverage. *IOC* 2012
- E. Kassens-Noor, Written by Paula Adamo Idoeta. Urbanistas: plano urbano do RJ não pode ser refém de megaeventos. *BBC News*. 2012.
- E. Kassens-Noor, Desorganizacao Olimpiada Rio 2016. *Vera Rio*. 2012.
- E. Kassens-Noor, Podcast by Will Perry and Eleanor Oldroyd. The Olympics. *BBC London*. 2012.
- E. Kassens-Noor, Special Magazine on the 2012 Games. *Maaric*. 2012.
- E. Kassens-Noor, Faculty Conversations Eva Kassens-Noor. *MSU News*. 2012.

## TEACHING ACTIVITY

### Technical University Darmstadt

#### Courses

##### **Verkehr I**

Civil Engineering and Geodesy Bachelor Program.  
(average class size 250). Jointly taught with Prof. Dr.-Ing. Jia Liu and Prof. Dr.-Ing. Andreas Oetting. Winter semesters 2021/22 - present.

##### **Verkehr II**

Civil Engineering and Geodesy Bachelor Program.  
(average class size 150). Jointly taught with Prof. Dr.-Ing. Jia Liu and Prof. Dr.-Ing. Andreas Oetting. Winter semesters 2021/22 - present.

##### **Transport Planning and Traffic Engineering I**

Civil Engineering and Traffic and Transport Master Program. Graduate core course for Traffic and Transport graduates/majors (average class size 50). Summer semesters 2022 - present.

##### **Transport Planning and Traffic Engineering II**

Civil Engineering and Traffic and Transport Master Program. Advanced graduate course for Traffic and Transport graduates/majors (average class size 50). Winter semesters 2022/23 - present.

##### **Air Transport I**

Civil Engineering and Traffic and Transport Master Program. Graduate core course for Traffic and Transport graduates/majors (average class size 70). Jointly taught with Prof. Dr.-Ing. Jia Liu and Prof. Dr.-Ing. Andreas Oetting. Summer semesters 2022 - present.

##### **Air Transport II**

Civil Engineering and Traffic and Transport Master Program. Advanced graduate course for Traffic and Transport graduates/majors (average class size 40). Summer semesters 2022 - present.

##### **Ausgewählte Themen der Flughafenplanung**

Civil Engineering and Traffic and Transport Master Program. Advanced graduate course for Traffic and Transport graduates/majors (average class size 40). Summer semesters 2022 - present.

##### **Intelligente Verkehrssysteme und Modellierung der Verkehrsnachfrage**

Civil Engineering and Traffic and Transport Master Program. Advanced graduate course for Traffic and Transport graduates/majors (average class size 20). Winter semesters 2021/22 - present.

##### **Planung des öffentlichen Personennahverkehrs und Wirtschaftspolitik und Verkehr**

Civil Engineering and Traffic and Transport Master Program. Advanced graduate course for Traffic and Transport graduates/majors (average class size 20). Winter semesters 2021/22 - present.

## **Student Advising**

### *Postdoctoral students*

Özgür Öztürk

### *Doctoral candidates*

Meng Cai\*, Ph.D. Urban and Regional Planning, MSU & TUDa

Laurenz Bremer\*, Civil Engineering

Matthias Lange\*, Civil Engineering

Kim Wilke, Civil Engineering

Karin Menges, Civil Engineering

### *Master students*

Natalie Kroppenber

Farida Aubakirova

Laura Theresa Compostella

Philipp Gschweng

Sebastian Pfirmann

Marco Buck

Janik Nothnagel

Paul Röschner

Farida Aubakirova

Natalie Kroppenber

### *Bachelor students*

Timm Bahlo

## **Michigan State University**

Microcredential from MSU's College of Education in online teaching (completed 8/31/2020)

ASPIRE completed (6/28/2020)

### Courses

#### **Planning Resilience against Extreme Events (UP 868/GUSP868)**

Urban and Regional Planning Program & Global Urban Studies Program. Graduate course resilience planning against disruptive technologies, hazards/disasters, and Mega-Events (average class size TBD). Spring semesters 2020 - present.

#### **Autonomous Futures: Self-Driving cars, Domatics, and Artificial Intelligence in Smart Cities (CE/UP 878)**

Urban and Regional Planning Program & Civil Engineering. Interdisciplinary graduate course on how technologies are shaping our cities (average class size 10). Fall semesters 2019 - present.

#### **Planning Theory and Ethics (UP 844)**

Urban and Regional Planning Program. Graduate core course for Urban Planning graduates/majors (average class size 10). Spring semester 2011 - present.

#### **Series of Massive Open Online Course on Mega-Events including:**

- MegaEvents: Inside the Winter Olympics (2014)
- MegaEvents: Inside the Soccer World Cup (2014)
- MegaEvents: Inside the World Expo (2015)

World wide course for diverse graduates/majors/lifelong learners  
(Class size 850). Spring semester 2014 - 2015.

### **Sustainable and Climate Resilient Cities (UP 488 / UP 888)**

Urban and Regional Planning Program. Graduate and Upper undergraduate course taught interdisciplinary but primarily for Urban Planning graduates/majors (average class size 15). Spring semesters 2010 - 2017.

### **Urban Transportation Planning (UP 478)**

Urban and Regional Planning Program. Graduate and Undergraduate course taught interdisciplinary (average class size 15). Jointly taught with Prof. R. Hinojosa. Fall semester 2011 - 2015.

### Mentoring

#### **Faculty Mentor for**

Assistant Professor Z. Kotval-Karamchandani (reappointed)  
Assistant Professor N. Durst (reappointed)

#### **Student Advising**

##### *Doctoral students*

Meng Cai\*, Ph.D. Urban and Regional Planning, MSU & TUDa  
Kip Darcy, Ph.D. Urban and Regional Planning MSU (2022)  
Jake Parcell\*, Ph.D. Urban and Regional Planning MSU (2020)  
Josh Vertalka\*, M.S. Urban and Regional Planning, Geography MSU (2018)  
Jeanette Elizabeth Eckert, Geography MSU (2018)  
Timothy LeDoux, Geography MSU (2017)

##### *Master Students*

Kole Nicholoff, M.S. Urban and Regional Planning  
Isha Pithwa, M.S. Urban and Regional Planning  
Jessa Sherrill, M.S. Urban and Regional Planning  
Heather Zeigler, M.S. Urban and Regional Planning  
Marah Maaita, M.S. Urban and Regional Planning  
Gabrielle Herin\*, M.S. Urban and Regional Planning  
Brian Szczepanek\*, M.S. Urban and Regional Planning  
Travis Decaminada\*, M.S. Urban and Regional Planning  
Hannah Bryant, M.S. Urban and Regional Planning  
Meredith Nelson, M.S. Urban and Regional Planning  
Matthew Biskey, M.S. Urban and Regional Planning  
Kayla Doshier\*, M.S. Urban and Regional Planning  
Cassi Meitl, M.S. Urban and Regional Planning  
Liana Bernt\*, M.S. Urban and Regional Planning  
Joshua Ladd\*, M.S. Urban and Regional Planning and Law  
Pam Brushaber\*, M.S. Urban and Regional Planning  
Darilis Vázquez Ramos\*, M.S. Urban and Regional Planning



Marc Coburn, M.S. Urban and Regional Planning  
Tatsuya Fukusige\*, M.S. Urban and Regional Planning  
Priyamvada Kayal\*, M.S. Urban and Regional Planning  
Yiwei Lu, M.S. Environmental Design  
Ziqi Mao, M.S. Urban and Regional Planning

*Undergraduate students*

Hannah Schecklman\*, professorial assistant (2020)  
Luca Muench\*, since freshmen year  
Jake Blythe\*, Andrew scholar joint advising with Mark Wilson (2018)  
Kayla Turner (2017)  
Marlon Phillips\*, McNair Scholar (undergraduate)  
Ann Sojka (undergraduate)

*Summer Intern*

Jenny Burton, M.S. Urban Studies, University of California Berkeley

\*indicates primary supervisor

**Massachusetts Institute of Technology**

Courses

**Gateway: Planning Action (11.201)**

Department of Urban Studies and Planning. Teaching Assistant to Prof. X. Briggs, graduate level course. Fall semester 2008.

**Quantitative Reasoning (11.220)**

Department of Urban Studies and Planning. Teaching Assistant to Prof. C. Zegras, R. Ryznar, graduate level course. Spring semester 2006.

**Microeconomics (11.203)**

Department of Urban Studies and Planning. Teaching Assistant to Prof. F. Levy, graduate level course. Fall semester 2005.

**Planning Economics (11.202)**

Department of Urban Studies and Planning. Teaching Assistant to Prof. F. Levy, graduate level course. Fall semester 2005.

**Flow Systems (1.225J)**

Department of Civil and Environmental Engineering. Teaching Assistant to Prof. P. Jaillet (Department Head), Prof. A. Odoni, graduate level course. Fall semester 2004.

## **ACADEMIC SERVICE**

**Co-founded the Mega-Event Planning Interest Group**, see [www.megaeventplanning.org](http://www.megaeventplanning.org)

### **Conference Leadership**

*Organizer of ELISA-Conference, Darmstadt, Germany, 14 March 2023*

*Member of Scientific Committee, Grand Projects, Lisbon, Portugal, 17-19 February 2021*  
<https://www.grandprojects2021.com/about>

*Member of Scientific Committee, AsTRES ORME Paris, France 18-20 May 2020*

*Co-organizer Mega-Event Symposium, East Lansing, USA 15-17 April 2015*

*Co-organizer Mega-Event Planning Seoul, South Korea 29 July-3 August 2013*

### **Professional Societies**

Appointed member on the **International Committee** of the *Urban Affairs Association*, 2018 - present

Member, Urban Affairs Association, 2009 - present

Member, American Planning Association, 2009 - present

Member, Association of Collegiate School of Planning, 2005 - present

### **Technical University Darmstadt**

**Coordinator MScTT**, Faculty lead of Master of Science Traffic and Transport in Civil and Environmental Engineering (2022-present)

**Steering Committee Information and Intelligence**, Elected Member in one of three (2022-present). Tasks: Set TUDa strategy, planning, monitoring, budget and decision on research field of information and intelligence

### **External**

**Advisory Board**, regional commercial transport strategy FrankfurtRheinMain

**Leader AG Connected Mobility**, Deutsche Bahn

**Management Board**, Innovationsallianz Deutsche Bahn

### **Michigan State University**

#### **Planning Accreditation Board**

**Student Learning and Engagement**, Development of new student learning assessment strategy, tool and technique for URP planning program, evaluation named “**note-worthy practice**” by national accreditation board

University

**Member**, Representative of the Social Science Disciplines, University Curriculum Committee (2018 - 2020)

**Member**, Faculty Learning Community Evaluating Teaching Excellence across Academic Cultures (2010 - 2011)

**Member**, Faculty Learning Community Teaching Sustainability across the Curriculum (2009 - 2010)

Social Science College

**Member**, Social Science College Curriculum Committee for Academic Affairs (2011 - present)

- **Chair** (2018/2019)

School of Planning, Design, and Construction

**Chair**, Strategic Issue #2: Developed strategy with team to restructure SPDC's teaching and learning programs to attract, retain, and develop the best possible students into SPDC at both the undergraduate and graduate levels, School of Planning, Design and Construction (2019)

**Chair**, Teaching Excellence in SPDC, School of Planning, Design and Construction (2018/2019)

**Member**, SPDC Undergraduate Advising Curriculum Committee (2010 - 2011)

Urban and Regional Planning Program

drafted the Curriculum and Student Assessment Chapters for the URP program during 2014 - 2015 & 2018/2019 PAB Accreditation

**Chair**, Faculty Search Committee (2016/2017)

**Member**, CCED Annual Advisory Committee (2010 - 2011)

**Affiliate**, Environmental Science and Policy Program

Massachusetts Institute of Technology

**Graduate Student Council** (GSC),  
Activities Co-Chair, founder of the *GradGala*, Member of Executive Board (2006/2007)  
Representative to GSC from the Department of Urban Studies & Planning (2005/2006)

**Graduate Advisor**, DUSP Ph.D. Steering and Policy Committee (2005/2007)

## PROFESSIONAL PRACTICE

**2024 Boston Partnership Inc. – Staff member** hired as **Olympic Bid University Liaison** and **Legacy and Transport Planner** leading the development of academic and public engagement process via academia. June - August 2015.

**2018 FIFA World Cup – International Expert Transport Council for the City of Moscow** consulted on transportation management and legacy integration strategies for FIFA 2018 for Moscow government (<http://www.transport-expert.mos.ru/>). August 2013.

**2010 Vancouver Olympics - Consultant** to Vancouver Airport Authority; review of preparation undertaken by YVR for the Olympic Games with team of former CEO's of Olympic airports. Results presented to the CEO of YVR. Canada, March - August 2009.

**Mecca Hajj Expansion - Consultant** to King Abdullah's' team with MIT faculty for the expansion of the Holy Haram capacity by 150%: Developed a transport strategy for the region, the city of Mecca and the Holy Haram. Recommendations for a regional rail system and monorail within Mecca were implemented. Mecca, Saudi Arabia, Nov 2009.

**2004 Olympic Games - Golden Ambassador** to Athens International Airport, developed queuing models to support transport operations for Olympic Family Members, delivered 40% time savings during three days, co-managed flows of departing passengers through Express Facility during Olympic Games with Airport team. Athens, Greece June - Sep 2004.

## Professional Reports

Eva Kassens-Noor, Peter T. Savolainen, Timothy J. Gates, Meng Cai, Qiuqi Cai, Hisham Jashami, Megat-Usamah Megat-Johari, Travis Decaminada, Gabrielle Herin, and Ali Zockaie (2021) Final Report: Evaluation of an Active Traffic Management System with Part-Time Use of the Inside Shoulder. East Lansing, MI: Michigan Department of Transportation.

E. Kassens-Noor, Kotval-Karamchandani Z., Cai M., Decaminada T., and Herin G. (2020) US-23 Driver Survey Summary Report. East Lansing, MI: Michigan Department of Transportation.

E. Kassens-Noor, Kotval-Karamchandani Z., Cai M., Decaminada T., Seguin D., and Wilkinson A. (2019) Intercity Bus and Passenger Rail Study. East Lansing, MI: Michigan Department of Transportation.

E. Kassens-Noor, Kotval-Karamchandani Z., and Brush A. (2018). Measuring and Reporting Michigan's Transit System Condition. East Lansing, MI: Michigan Department of Transportation. [http://www.michigan.gov/documents/mdot/2015\\_FINAL\\_Public\\_Report\\_514175\\_7.pdf](http://www.michigan.gov/documents/mdot/2015_FINAL_Public_Report_514175_7.pdf)

E. Kassens-Noor, Kotval-Karamchandani Z., and Brush A. (2017). Measuring and Reporting Michigan's Transit System Condition. East Lansing, MI: Michigan Department of Transportation.

E. Kassens-Noor, Kotval-Karamchandani Z., and Brush A. (2016). Measuring and Reporting Michigan's Transit System Condition. East Lansing, MI: Michigan Department of Transportation.

E. Kassens-Noor, (2010) Leveraging Mega-Event Opportunities in Brazil. Policy Memo for Senator Marina Silva, Brazil's Green Party Presidential Candidate (translated by Salo Coslovsky).

E. Kassens-Noor, (2010) The Importance of High Speed Rail for Communities along the Chicago-Detroit/Pontiac Rail Corridor. Decision Memo for MDOT.

E. Kassens-Noor, (2008) Transport Strategy for the Holy Haram. Included in the final report submitted to King Abdullah's team. Report applies transport concepts for Mega-Events to the Holy Haram.

E. Kassens-Noor, (2005) Human and Environmental Impacts of Air Pollution around Airports. Conducted an epidemiology study with Prof. K. Polenske on air transport pollution, findings formed recommendations accepted into national air emission standards.

## **Internships**

**Assistant Scientist, Fraunhofer Institut**, analysed market demand on technology trends for manufacturing companies, created tools to support scenario analyses for corporate strategy development. Findings led to ease of market access for companies across high-tech industries. Karlsruhe, Germany, Apr-May 2004.

**BMW USA (Designworks USA)**, Worked with engineers and designers on strategies for car development and new car designs  
Thousand Oaks, USA, February - May 2003.

**BMW**, interned in operations and painting department. Tasked to evaluate painting techniques and optimizing them, Munich, Germany, June - August 2001.

**Cooperation & Advocacy Chair and Member of delta e.V.** (student management consulting). Member of team developing an European marketing strategy for 3M Germany. Co-founder of the German American Symposium between MIT and the University of Karlsruhe. Cambridge, USA and Karlsruhe, Germany 2000 - 2005.

**ZDF** (Zweites Deutsches Fernsehen) internship with television broadcasting center, rotated through audio and video departments, news and broadcasting unit. Munich, Germany, June - July 1999.