Emre Tepe, Ph.D.

Assistant Professor, Urban and Regional Planning
School of Landscape Architecture and Planning, University of Florida,
444 Jonathan and Melanie Antevy Hall, PO Box 115706, Gainesville, FL 32611-5706
Phone: 352-294-1487, Email: emretepe@ufl.edu
LinkedIn, Google Scholar, and ResearchGate

EDUCATION

Ph.D.	2016	City and Regional Planning, The Ohio State University, Columbus, USA Concentrations: Urban Modeling & Econometrics Dissertation: *Statistical Modeling and Simulation of Land Development Dynamics* Committee: Jean-Michel Guldmann (Chair), Philip A. Viton, Gulsah Akar
M.Sc	2013	City and Regional Planning, The Ohio State University, Columbus, USA
M.Sc	2010	Urban Planning, Istanbul Technical University, Istanbul, TURKEY
B.Sc.	2007	Urban & Regional Planning, Istanbul Technical University, Istanbul, TURKEY

ACADEMIC POSITIONS

2021 – cont.	Urban Analytics Certificate Program Coordinator, University of Florida
2019 – cont.	Assistant Professor, University of Florida
2017 – 2019	Assistant Professor, Gebze Technical University (Kocaeli/Turkey)
2018	Consultant for metropolitan master planning, Istanbul Metropolitan Municipality
2017	Adjunct Faculty, Kadir Has University (Istanbul/Turkey)
2016 – 2017	Adjunct Faculty, Cankaya University (Ankara/Turkey)
2016	Instructor, The Ohio State University
2013 – 2015	Graduate Teaching Associate, The Ohio State University
2013	Graduate Research Associate, The Ohio State University

PROFESSIONAL EXPERIENCE

2009 – 2011	Chief planning officer, Tuzla Municipality (Istanbul/Turkey)
2008 – 2009	City planner, Tuzla Municipality (Istanbul/Turkey)
2009 – 2011	Local Expert and Urban Planning Task Force member, NALAS (Skopje/Macedonia)
2007	Urban Planner, Metropol Kentsel Tasarim (Istanbul/Turkey)

AWARDS & FELLOWSHIPS

2017	Patricia Burgess Award for the Best Dissertation
2011 – 2013	Fulbright Ph.D. Fellowship
2011 – 2013	The Ohio State University Tuition and Fee Awards
2009	Honorable Mention in the Urla-Cesme-Karaburun Peninsula National Concept/Idea Competition (award: 10,000TL) *group members; Rivka Geron Schild (team representative), Mustafa Batu Kepekcioglu, Azime Tezer, Ilke Aksehirli, Hakan Ozan Erzincanli, Emre Tepe and Mete Basar Baypinar.*

JOURNAL EDITORSHIPS

2024 – cont.	Guest Editor, *Land,* Special issue: Modeling Spatio-Temporal Dynamics of Land Development SSCI, Q1, Impact Factor: 3.2, Five-year impact factor: 3.4
2022 – cont.	Editorial Board Member, *Growth and Change* SSCI, Q2, Impact Factor: 2.9

PEER REVIEWED JOURNAL PUBLICATIONS

1. Wang, Z., Feng, T., Safikhani, A., & **Tepe, E.** (in-press) Enhancing Transparency in Land Use Change Modeling: Leveraging eXplainable AI Techniques for Urban Growth Prediction with Spatially Distributed Insights. *Computers, Environment and Urban Systems*. (Impact Factor: 7.1)
2. Qelichi, M., Ghasemi, K., **Tepe, E.**, & Murgante, B. (2025) Mapping Trends in Urban Livability Research: A Comprehensive Bibliometric Analysis. *Journal of Planning Literature*, 0(0). https://doi.org/10.1177/08854122241312181 (Impact Factor: 4.0)
3. Kim, D. & **Tepe, E.** (2025) A closer look at housing market actors' dynamics in responses to sea level rise in Miami-Dade, Florida. *Journal of Environmental Management*, 373, 123640. https://doi.org/10.1016/j.jenvman.2024.123640 (Impact Factor: 8.0)
4. **Tepe, E.** (2024). A random forests-based hedonic price model accounting for spatial autocorrelation. *Journal of Geographical Systems*, 26, 511-540. https://doi.org/10.1007/s10109-024-00449-w (Impact Factor (2023): 2.8, Five-year impact factor (2023): 2.4)
5. **Tepe, E.** (2024) History, neighborhood, and proximity as factors of land-use change: A dynamic spatial regression model. *Environment and Planning B: Urban Analytics and City Science*, 51(1), 7-22. https://doi.org/10.1177/23998083231164397 (Impact Factor: 2.6, Five-year impact factor: 3.3)
6. Akkaya, M., Ozcevik, O., & **Tepe, E**. (2024) A machine learning application to Google Maps Reviews as a participatory planning tool. *International Journal of Urban Sciences, 28(3), 379–402.* https://doi.org/10.1080/12265934.2024.2320916 (Impact Factor (2023): 2.9, Five-year impact factor (2023): 2.6)
7. Wang L., Murtha, T., & **Tepe, E**. (2023). Exploring Suitable Indicators for Residential Development and Resilient Landscape: A Case Study in Orlando Metropolitan Region. *Journal of Digital Landscape Architecture,* 8-2023. https://doi.org/10.14627/537740011 (Impact Factor is not available)
8. **Tepe, E.** & Safikhani, A. (2023) Spatio-temporal modeling of parcel-level land-use changes using machine learning methods. *Sustainable Cities and Society*, 90, 104390. https://doi.org/10.1016/j.scs.2023.104390 (Impact Factor: 10.5)
9. **Tepe, E.** (2023) The impact of built and socio-economic environment factors on Covid-19 transmission at the ZIP-code level in Florida. *Journal of Environmental Management*, 326 (Part B), 116806. https://doi.org/10.1016/j.jenvman.2022.116806 (Impact Factor: 8.0)

10. Aydin, E. O., **Tepe, E.** & Balcan, C. (2022) Identification of Determinants During the Registration Process of Industrial Heritage Using a Regression Analysis. *Journal of Cultural Heritage*. 58, 23-32. https://doi.org/10.1016/j.culher.2022.09.013 (Impact Factor: 3.5)
11. Kim, Y., Safikhani, A., & **Tepe, E.** (2022) Machine learning application to spatio-temporal modeling of urban growth. *Computers, Environments and Urban Systems* 94, 101801. https://doi.org/10.1016/j.compenvurbsys.2022.101801 (Impact Factor: 7.1)
12. **Tepe, E.** & Guldmann, J.-M. (2020) Spatio-temporal multinomial autologistic modeling of land-use change: A parcel-level approach. *Environment and Planning B: Urban Analytics and City Science*. 47(3), 473–488. First Online Published on July 6, 2018. https://doi.org/10.1177/2399808318786511 (Impact Factor: 2.6, Five-year impact factor: 3.3)
13. **Tepe, E.** & Guldmann, J.-M. (2017) Spatial and Temporal Modeling of Parcel-Level Land Development Dynamics. *Computers, Environments and Urban Systems* 64, 204–214. https://doi.org/10.1016/j.compenvurbsys.2017.02.005 (Impact Factor: 7.1)
14. Berkoz, L. & **Tepe, E.** (2013). The Impacts of the Gated Residential Areas on the Urban Sprawl of Istanbul. *Academic Research International*, 4(3). (Impact Factor is not available)

BOOKS

1. Berkoz, L. & **Tepe, E.** (2011). The Intra-Metropolitan Location of Banks in Istanbul. Saarbrucken/Germany: VDM Verlag Dr. Muller Aktiengesellschaft & Co. KG Press.

BOOK CHAPTERS

1. **Tepe, E.** (2025). "13: Machine learning applications to spatiotemporal land-use change modeling". In *Handbook on Big Data, Artificial Intelligence and Cities*. Cheltenham, UK: Edward Elgar Publishing. https://doi.org/10.4337/9781803928050.00021

FUNDED RESEARCH

Connecting resilient communities and economies: Characterizing the link between small and water-dependent businesses and affordable housing

Duration	4 years (2024 – 2028)
Sponsor	US Department of Commerce Sea Grant Program
Team	Maria Watson (PI), Anne Ray (co-PI), William O'Dell (co-PI)
My role	Co-Principal Investigator
Budget	$259,654

2023-24 Florida Wildlife Corridor Ecosystem Service and Performance

Duration	8 months (2024)
Sponsor	University of Florida (the Center for Landscape Conservation Planning)
My role	Principal Investigator
Budget	$18,517

Spatio-Temporal Modeling for Identifying Changes in Land Use

Duration	3 years (2021 – 2024)

Sponsor	National Science Foundation
Team	George Michailidis (PI), Abolfazl Safikhani (co-PI)
My role	Co-Principal Investigator
Budget	$300,000

Spatio-Temporal Modeling of Land-Use Changes Using Big Data

Duration	1 year (2021)
Sponsor	University of Florida
Team	Abolfazl Safikhani (co-PI)
My role	Principal Investigator
Budget	$50,000

A Hybrid Land-Use Change Model with Automated Land Partitioning and Consolidation

Duration	18 months (2018 – 2019)
Sponsor	Gebze Technical University
My role	Project coordinator
Budget	YTL5,000 (approximately $1,250)

TECHNICAL REPORTS

Challenges of Regularization of Informal Settlements in South East Europe. Overview of the Relevant Urban Planning and Legalization Laws and Practice

Duration	1 year (2011)
Sponsor	Deutsche Gesellschaft für Internationale Zusammenarbeit
Role	Local expert

Legislation and Analysis of the Implementation of Spatial and Urban Planning in Albania, Kosovo, Macedonia, Moldova, Republic of Srpska and Turkey as compared to the case of Denmark

Duration	1 years (2010)
Sponsor	Deutsche Gesellschaft für Internationale Zusammenarbeit
Role	Local expert

DEVELOPED APPLICATIONS

PPA – Population Projection Application (written in Python) estimates future population based on historical trends using mathematical population projection methods.

CCM – Cohort-Component Method Application (written in Python) estimates future population using Cohort-Component Method projection methods.

These standalone applications run on MacOs and Windows.

DEVELOPED STATISTICAL PROGRAM

STARM - The statistical program (written in Python) estimates Monte Carlo Maximum Likelihood parameters of binary and multinomial spatio-temporal regression models which incorporating space and time and their interactions. It collects Monte Carlo samples by using Gibbs sampler algorithm. The software includes several advanced features to run large dataset, such as; storing matrices in sparse matrix form, allowing parallel processing in a cluster by using Apache Spark environment, and implementing Hashing algorithm to reduce computation time for identifying neighborhoods of spatial objects (available on GitHub).

CONFERENCE PRESENTATIONS

1. **(Invited) Tepe, E.** & Safikhani, A. (2024). *Parcel-Level Prediction of Future Land-Use Changes Using a Machine Learning-Based Dynamic Spatiotemporal Modeling.* Joint International Conference on Robust Statistics & Conference on Data Science, Statistics and Visualisation, Fairfax, Virginia, USA.
2. **Tepe, E.** & Kim, D. (2023). *Simulating parcel-level land developments under different sea-level rise scenarios using a machine learning-based land-use change model.* ACSP 63rd Annual Conference, Chicago, Illinois, USA.
3. **Tepe, E.** (2022). *Evaluating Impacts of Existing Approaches Applied to Account for Spatial Dependencies in Machine Learning Methods on Prediction* Accuracy. 69th Annual North American Meetings of the Regional Science Association International, Montreal, Quebec, Canada.
4. **Tepe, E.** & Safikhani, A. (2022). *Parcel-Level Prediction of Future Land-Use Changes Using a Machine Learning-Based Dynamic Spatiotemporal Modeling.* ACSP 62nd Annual Conference, Toronto, Ontario, Canada.
5. **Tepe, E.,** Safikhani, A., & Kim, Y. (2021). *Machine Learning Application to Spatio-Temporal Modeling of Land-Use Changes Using Florida Parcel-Level Data*. 68th Annual North American Meetings of the Regional Science Association International, Denver, Colorado, USA.
6. **Tepe, E.** & Yang, X., (2021). *Spatio-Temporal Modeling of Land-Use Changes Incorporating Traffic Network and Socio-Economic Indicators.* ACSP 61st Annual Conference: Big Ideas, Global Impacts, Virtual Conference.
7. **Tepe, E**. (2020). *A Hybrid Spatio-Temporal Land-Use Change Model with Land Partitioning*. 67th Annual North American Meetings of the Regional Science Association International, Virtual Conference.
8. **Tepe, E**. (2020). *Investigation of the coronavirus disease (Covid-19) outbreak with socio-economic and physical indicators of urban and rural areas at the city level*. 67th Annual North American Meetings of the Regional Science Association International, Virtual Conference.
9. **Tepe, E.** & Guldmann, J.-M., (2015). *Parcel-Level Land Development Dynamics: A Spatial and Temporal Autologistic Model*. 62nd Annual North American Meetings of the Regional Science Association International, Portland, OR, USA.
10. **Tepe, E.** & Guldmann, J.-M., (2014). *Statistical Modeling and Simulation of Parcel-Level Land Development Dynamics.* ACSP 54th Annual Conference: Big Ideas, Global Impacts, Philadelphia, PA, USA.

INVITED TALKS & SEMINARS

1. **Tepe, E.** (Feb 24, 2023). *Advancements in Spatio-Temporal Modeling of Land-Use Changes. School of Landscape Architecture and Planning*. SLA&P (School of Landscape Architecture and Planning) Seminar. Gainesville, FL.
2. **Tepe, E.** (June 25, 2022). *AI-Enabled Urban and Regional Planning*. IACP (International

Association for China Planning) Annual Conference. Virtual Seminar Series.

3. **Tepe, E.** (Mar 24, 2022). *Machine Learning Application to Spatio-Temporal Modeling of Land-Use Changes Using Florida Parcel-Level Data*. UF Information Technology - Spring 2022 HiPerGator Symposium Annual Conference. Virtual Seminar Series.
4. **Tepe, E.** (Mar 14, 2022). *New Methodological Approaches for Spatio-Temporal Modeling of Land-Use Changes Using Big Data*. EIAP - Food and Resource Economics Department, Institute of Food and Agricultural Science (IFAS). Gainesville, Florida.
5. **Tepe, E.** (Nov 17, 2021). *Spatio-Temporal Modeling of Land-Use Changes Using Big Data*. UF Informatics Institute AI Research Catalyst Fund Awardees Virtual Seminar Series.
6. **Tepe, E.** (Mar 30, 2021). *Spatio-Temporal Modeling of Land-Use Changes Using Big Data*. UF HiPerGator Symposium.
7. **Tepe, E.** (Mar 19, 2021). *Investigation of the Spread of Covid-19 in Urban and Rural Areas with Indicators of Socio-Economic and Built Environments*. DCP Research Seminars.
8. **Tepe, E.** (Mar 5, 2021). *An Evaluation of Gainesville Community Resilience in Response to Covid-19 Disease Spread*. International Joint Eco-City Studio and Workshop (IJSW).
9. **Tepe, E.** (Nov 13, 2020). *The Latest Advancements in Spatio-Temporal Modeling of Land Development Dynamics*. DCP Research Symposium.
10. **Tepe, E.** (Nov 8, 2019). *Spatial and Temporal Modeling of Land-Use Changes*. DCP Research Seminars.

DOCTORAL STUDENT ADVISING (Dissertation Chair)

- Nasrin Nahar (Urban and Regional Planning), degree anticipated 2025 (Co-chair: Professor Ilir Bejleri)
- David Kim (Urban and Regional Planning), graduated in December 2024

DOCTORAL STUDENT ADVISING (Dissertation Committee Member)

- Nasim Yeganeh (Urban and Regional Planning), degree anticipated 2026 (Chair: Professor Maria Watson)
- Roberto Koeneke (Food and Resource Economics), degree anticipated 2026 (Chair: Professor Christa Court)
- Khalid Aljuhani (Urban and Regional Planning), degree anticipated 2025 (Chair: Professor Zhong-Ren Peng)
- Isabel Figueroa Aldunce (Urban and Regional Planning), degree anticipated 2025 (Chair: Professor Abhinav Alakshendra)
- Zeyu He (Geography), degree anticipated 2025 (Chair: Professor Yujie Hu)
- Yuhan Tian (Statistics), degree anticipated 2025 (Chair: Professor Abolfazl Safikhani)
- Yanxi Liu (Statistics), degree anticipated 2025 (Chair: Professor Abolfazl Safikhani)

- Cenqi Zhu (Urban and Regional Planning), degree anticipated 2024 (Chair: Professor Ilir Bejleri)
- InJe Lee (Urban and Regional Planning). *Understanding Physical and Visual Features of Streetscapes and Pedestrian Actions on Pedestrian Crash Severity at Mid-Blocks*. Graduated 2024 (Chair: Professor Ilir Bejleri)
- Mingliang Ma (Statistics). *Theoretical Analysis on Machine Learning Methods for Time Series Models*. Graduated 2024 (Chair: Professor Abolfazl Safikhani)
- Mengming Li (Food and Resource Economics). *Essays on Carbon Dioxide Emissions, Decarbonization Policies, and Employment in the Electricity-Related Industries of China*. Graduated 2024 (Chair: Professor Christa Court)
- Ruijie Mao (Criminology, Law, and Society). *Sentencing and Crime Patterns of Selling and Buying Trafficked Women in China*. Graduated 2023 (Chair: Professor Lanza K. Lonn)
- Kanglin Chen (Urban and Regional Planning). *Beyond the Early Disruption of COVID-19: Americans' Travel Adaptations and Their Associations with Social Vulnerability and the Built Environment*. Graduated 2023 (Chair: Professor Ruth Steiner)
- Luwei Wang (Urban and Regional Planning). *Public Parks as Infrastructure in a Rapidly Urbanizing Region: A Case Study in Central Florida, U.S.A*. Graduated 2023 (Chair: Professor Timothy Murtha)
- Jun Ik Sohn (Urban and Regional Planning). *Uneven Development of Smart Cities: A Case Study in South Korea*. Graduated 2022 (Chair: Professor Abhinav Alakshendra)
- Mengjie Han (Urban and Regional Planning). *Evaluating Modal Mismatch through Lens of Equity in the San Francisco Bay Area*. Graduated 2022 (Chair: Professor Ruth Steiner)
- Yue Bai (Statistics). *Multiple Change Points Detection in High-Dimensional Regression Models*. Graduated 2022 (Chair: Professor Abolfazl Safikhani)
- Afsheen Sadaf (Urban and Regional Planning). *Socioeconomic, Cultural, Gender and Age-Related Disparities/Inequalities in Health Contributing Increase in Overweight and Obesity Rate and Decrease in Physical Activity (PA): A Case Study of Karachi, Pakistan*. Graduated 2022 (Chair: Professor Christopher Silver)
- Xingjing Xu (Urban and Regional Planning). *Exploring the Relationship between Traffic Fatalities and Economic Development*. Graduated 2021 (Chair: Professor Ilir Bejleri)

MASTER STUDENT ADVISING (Thesis Chair)

- Andrew Sibold (Urban and Regional Planning), degree anticipated 2025 (Co-Chair: Professor Abhinav Alakshendra)
- Patrick Crane (Urban and Regional Planning), degree anticipated 2025
- Daniel Capparella (Urban and Regional Planning), degree anticipated 2024 (Co-Chair: Professor Lingqian (Ivy) Hu)
- Jared Rivera-Cayetano (Urban and Regional Planning), degree anticipated 2024

- Ariel Medeiros (Urban and Regional Planning). *Affordable Developments And Access To Additional Services: A Review Of Affordable Housing Developments In Yakima, Washington*. Graduated 2024 (Co-Chair: Professor Renee Tapp)
- Brandon Moyer (Urban and Regional Planning). *Benchmarking Resilience: Before and After Hurricanes Michael and Florence*. Graduated 2023 (Co-Chair: Professor Kristin Larsen)
- Sandra Milena Sanabria Galindo (Urban and Regional Planning). *Community Land Trust as a Wealth-Building Investment for Low and Moderate-Income Families*. Graduated 2023 (Co-Chair: Professor Laura Dedenbach)
- Luke Morris (Urban and Regional Planning). *The Impact of Nuclear Power Plants on the Price of Single-Family Homes in South Florida*. Graduated 2022 (Co-Chair: Professor Abhinav Alakshendra)
- Megan Dulamal (Urban and Regional Planning). *Understanding The Spatial Relationship Between Housing Affordability And Gentrification Indicators Surrounding Adaptive Reuse Developments In Atlanta, GA Using GIS*. Graduated 2022 (Co-Chair: Professor Ilir Bejleri)
- Katelyn Page (Urban and Regional Planning). *Street Design Elements and Property Value: A Case Study on Value Added in Gainesville's Built Environment*. Graduated 2021 (Co-Chair: Professor Ruth Steiner)

MASTER STUDENT ADVISING (Thesis Co-Chair or Committee Member)

Served as co-Chair:

- Renz Patrick Torres (Urban and Regional Planning), degree anticipated 2025 (Chair: Professor Maria Watson)
- Adrian Santiago (Urban and Regional Planning), degree anticipated 2024 (Chair: Professor Abhinav Alakshendra)
- Erik Kramer (Urban and Regional Planning), degree anticipated 2024 (Chair: Professor Laura Dedenbach)
- Cameron Sands (Urban and Regional Planning), degree anticipated 2024 (Chair: Professor Ruth Steiner)
- JaVonta Swinton (Urban and Regional Planning), degree anticipated 2024 (Chair: Professor Abhinav Alakshendra)
- Tyrhonda Edwards (Urban and Regional Planning). *Public Engagement in Urban Transit Referendums In The State Of California: A Qualitative Research Approach*. Graduated 2024 (Chair: Professor Ruth Steiner)
- Alexander Mumby (Urban and Regional Planning). *Transit Accessibility from the MiamiCentral Brightline Station: A Case Study*. Graduated 2024 (Chair: Professor Ruth Steiner)
- Lilyann Linehan (Urban and Regional Planning). *An Analysis of Exclusionary Zoning and Its Implications in The Planning Field*. Graduated 2023 (Chair: Professor Ruth Steiner)

- Yue Dong (Urban and Regional Planning). *Climate Gentrification: Impact of Sea Level Rise on the Spatiotemporal Evolutional Patterns of Housing Price in Basin-C Area, City of St. Petersburg, Fl*. Graduated 2023 (Chair: Professor Zhong-Ren Peng)
- Ian Wickstead (Urban and Regional Planning). *Measuring Walkability for Holden Avenue and Modeling Alternative Design Scenarios*. Graduated 2023 (Chair: Professor Kristin Larsen)
- Korey Arsenault (Urban and Regional Planning). *The Just 15-Minute City: A GIS Tool for Equitably Increasing Access to Community Resources*. Graduated 2023 (Chair: Professor Yan Wang)
- Alexander Eide (Urban and Regional Planning). *Measuring Walkability for Holden Avenue and Modeling Alternative Design Scenarios*. Graduated 2022 (Chair: Professor Kathryn Frank)
- Zhaochen Jiang (Urban and Regional Planning). *Automated Pedestrian Crash Type Identification Using Text Mining and Machine Learning*. Graduated 2022 (Chair: Professor Ilir Bejleri)
- Slade Downs (Urban and Regional Planning). *The Traffic Calming Effects of Canopy Roads: A Case Study of Leon County, Florida*. Graduated 2021 (Chair: Professor Ruth Steiner)
- Genglin Yang (Urban and Regional Planning). *Evaluating the Performance of Transit-Tncs Partnership on Public Transport Provision: the Case in Pinellas County, Florida*. Graduated 2021 (Chair: Professor Zhong-Ren Peng)
- Shenyu Lyu (Urban and Regional Planning). *Analyzing and Improving the Late-Night Shift Service in Mobility on Demand Public-Private Partnership in Public Transit - a Case Study of TD-Late Shift Service in Pinellas County, Florida*. Graduated 2021 (Chair: Professor Zhong-Ren Peng)
- Brooke Peters (Urban and Regional Planning). *Transportation Access and the Relationship to Equity: A Case Study of Gainesville, Florida*. Graduated 2020 (Chair: Professor Ruth Steiner)
- Daniella Almanza (Urban and Regional Planning). *Measuring Accessibility in Duval County Using the Simple Additive Weighting Method*. Graduated 2020 (Chair: Professor Ruth Steiner)

Served as a committee member:

- Mojtaba Tahmasebi (Landscape Architecture), degree anticipated 2024 (Chair: Professor Julie (Jules) Bruck)
- Christopher Wolf (Urban and Regional Planning). *Evaluating Gainesville, Florida's Micromobility Pilot Program*. Graduated 2023 (Chair: Professor Ruth Steiner)

VISITING SCHOLARS

- Melike Akkaya, a visiting Ph.D. student funded by Fulbright (Turkey) (2022 – 2023)
- Dr. Aysun Aygun Ogur, an associate professor funded by Fulbright (Turkey) and TUBITAK (2025 - 2026)

TEACHING EXPERIENCE

Year	Course name	University
2020 – cont.	Geodesign Practicum I.*	Florida
2021 – cont.	Urban Economy**	Florida
2020 – cont.	Urban Planning Project**	Florida
2020 – cont.	Urban Spatial Analysis**	Florida
2019 – cont.	Quantitative Data Analysis for Planners**	Florida
2019	Statistics II. (*in Turkish*)*	Gebze
2018	Statistics I. (*in Turkish*)*	Gebze
2018	Architectural Presentation Techniques (*in Turkish*)*	Gebze
2018	Applied Regression Analysis**	Gebze
2018 – 2019	Economy and Urban Modeling (*in Turkish*)**	Gebze
2018 – 2019	Urban Geography (*in Turkish*)*	Gebze
2017	Real Estate Development (*in Turkish*)*	Kadir Has
2017	The Economics of Urban Planning*	Cankaya
2017	Decision-making Process in Housing Reinvestment*	Cankaya
2017	Planning Studio II.*	Cankaya
2016	Application of Quantitative Methods in Urban Planning*	Cankaya
2016	Fundamentals of Housing*	Cankaya
2016	Urban Regeneration Process*	Cankaya
2016	Planning Studio I.*	Cankaya
2016	Introduction to City and Regional Planning	Ohio State

*Note: ** graduate level course, * undergraduate level course*

ADVISEE'S ACHIEVEMENTS

- David Kim (2025) *Paul and Malea Zwick Graduate Student Award* from the University of Florida, the Department of Urban and Regional Planning
- David Kim (2023) *Certificate of Outstanding Merit* from the University of Florida International Center
- Richard Borzi, Harper Crews Bradford, Samuel Braverman, Michaela Crowley, Yue Dong, Tess Flemma, Ilan Gritzman, Arielle Hernandez, Hillary Laskey, Brandon Moyer, Adrian Santiago, Christopher Wolf (2023) *Florida Chapter of the American Planning Association Student Project Award* received for students' studio project titled "*SPARC'ing Community Spaces for Arts and Wellness"*
- Jeremy Griffith, Elisabeth Staten, Ian Siljestrom, Rama Hiba, Alejandro Ramos, Jessica Hays, and Catherine Stout (2022) *Florida Chapter of the American Planning Association Student Project Award* received for students' studio project titled "*Connectedness: Suggestions for Planning Best Practices in East Gainesville*"

- Yao Xu (2020) *the best student research poster award* from the University of Florida, College of Design, Construction and Planning.

REVIEW ACTIVITY (Manuscript Reviewer)

- A|Z ITU Journal of the Faculty of Architecture - 2 Manuscripts
- BMC Public Health (Springer Nature) – 1 Manuscript
- Cities (Elsevier) – 1 Manuscript
- Computers, Environment and Urban Systems (Elsevier) – 5 Manuscripts
- Entropy (MDPI) – 1 Manuscript
- Environmental Challenges (Elsevier) – 1 Manuscript
- Environmental Monitoring and Assessment (Springer Nature) – 2 Manuscripts
- Environmental Sciences Europe (Springer) – 1 Manuscript
- Environmental and Planning B: Urban Analytics and City Science (Sage) – 2 Manuscripts
- EPJ Data Science (Springer) – 1 Manuscript
- Forests (MDPI) – 1 Manuscript
- Geocarto International (Taylor & Francis) – 2 Manuscripts
- Growth and Change (Wiley) – 4 Manuscripts
- Humanities & Social Sciences Communications (Nature) – 1 Manuscript
- Journal of Geographical Systems (Springer) – 1 Manuscript
- Journal of Planning Literature (Sage) – 1 Manuscript
- Journal of Planning Education and Research (Sage) – 1 Manuscript
- Land Use Policy (Elsevier) – 3 Manuscripts
- Landscape and Urban Planning (Elsevier) - 1 Manuscript
- Remote Sensing (MDPI) – 2 Manuscripts
- Renewable Energy (Elsevier) – 1 Manuscript
- Scientific Reports – 3 Manuscripts
- Spatial Economic Analysis (Taylor & Francis) – 1 Manuscript
- Sustainability (MDPI) – 16 Manuscripts
- The Annals of Regional Science – 1 Manuscript
- Urban Science (MDPI) – 1 Manuscript

SERVICE

Profession

- *Co-chair*, Technology, Society and Analytical Methods Track of the Association of Collegiate Schools of Planning (2024 – 2026)
- *Chair*, Barclay Gibbs Jones Award of the Association of Collegiate Schools of Planning (2022)
- *Member*, Barclay Gibbs Jones Award of the Association of Collegiate Schools of Planning (2021)
- *Associate Member,* American Society of Civil Engineers (ASCE) Transportation and Development Institute (T&DI) Artificial Intelligence (AI) Committee (2020 – present)
- *Reviewer*, Visiting Scholar Program, Fulbright (Turkey) (2023-2025)

College

- *Member*, AI Working Group (2021 – present)
- *Member*, Urban and Regional Planning Chair Search Committee (2021)

Department

- *Member*, Award Committee (2021 – present)
- *Member*, Master of Urban and Regional Planning Admission Committee (2020 – present)
- *Chair*, Urban Analytics Certificate Admission Committee (2020 – present)
- *Member*, Master of Urban Analytics Admission Committee (2024 – present)
- *Member*, Urban Analytics Committee (2020 – present)
- *Member*, Master of Urban and Regional Planning Online Program Committee (2022 – present)

CONSULTANCIES

Economic Impacts of Large-Scale Projects and Modeling Industrial Developments in Istanbul

Duration 1 year (2018)
Client Istanbul Metropolitan Municipality

COMPUTER SKILLS

GIS programs	: Esri ArcMap, ArcGIS Pro and QGIS
CAD programs	: AutoCAD, AutoCAD Civil 3D and NetCAD
Statistical programs	: R, SAS, Stata, SPSS and MiniTab
Technical computing	: Matlab, GAMS, Vensim and PCSWMM
Applications	: LaTeX, Photoshop, Illustrator, Microsoft Office and Open Office programs, Apache Spark
Programming Language	: Python
Operating systems	: Microsoft Windows, Linux (Ubuntu) and MacOS

TRAINING AND CERTIFICATE

Engaging Online Learners	: Completed on September 12, 2021
Ensuring Usability in Online Courses	: Completed on July 17, 2021
Effective Feedback	: Completed on July 12, 2021
Teaching Practicum	: Spring term of 2013 under supervision of Kyle Ezell
Mock Teaching Test	: Successfully passed on April 24th, 2013

PROFESSIONAL AFFILIATION/MEMBERSHIP

Regional Science Association (member since 2020)
Association of Collegiate Schools of Planning – ACSP (member since 2019)
American Planning Association (member since 2019)
The Chamber of City Planners in Turkey (member since 2008)