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Employment

Tenure Track Assistant Professor

Tenure Track Assistant Professor
Department of Sustainability and Planning
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Aalborg, Denmark
1 Aug 2021 → 31 Dec 4712

Tenure Track Assistant Professor

Tenure Track Assistant Professor
The Technical Faculty of IT and Design
Aalborg Øst, Denmark
1 Aug 2021 → 31 Dec 4712

Geoinformatics & Earth Observation

The Technical Faculty of IT and Design
1 Aug 2021 → present

Tenure Track Assistant Professor

Tenure Track Assistant Professor
Geoinformatics & Earth Observation
The Technical Faculty of IT and Design
1 Aug 2021 → 31 Dec 4712

Research output

Opening up Danish FCD - Exploration of movement FCD data: A case study of GeoVisual analytics for four-legged intersections

Kveladze, I., Agerholm, N. & Lahrmann, H. S., 19 Jun 2017, *12th ITS European Congress: ITS Beyond Borders*. ERTICO - ITS Europe, 14 p.

The Space-Time Cube as part of a GeoVisual Analytics Environment to support the understanding of movement data
Kveladze, I., Kraak, M. J. & van Elzakker, C. P. J. M., 2015, In: *International Journal of Geographical Information Science*. 29, 11, p. 2001-2016

A methodological framework for researching the usability of the space-time cube

Kveladze, I., Kraak, M. J. & Elzakker, C. P. J. M., 2013, In: *The Cartographic Journal*. 3, 50, p. 201-210

What do we know about the space-time cube from a cartographic and usability perspective?

Kveladze, I. & Kraak, M.-J., 2012, *Proceedings, AutoCarto 2012. The International Research Symposium on Computer-based Cartography. Columbus, Ohio, USA. September 16-18*.

GeoVisual Analytics for the Exploration of Complex Movement Patterns on Arterial Roads

Kveladze, I. & Agerholm, N., 2018, *Publication of the Cartography and Geographic Information Society (CaGIS) and the University Consortium for Geographic Information Science: Frontiers of Geospatial Data Science*. Cartography and Geographic Information Society (CaGIS), p. 76-89 14 p.

Visual analysis of speed bumps using floating car dataset

Kveladze, I. & Agerholm, N., 3 Apr 2018, In: *Journal of Location Based Services*. 12, 2, p. 119-139 21 p.

Cartographic design and the space-time cube

Kveladze, I., Kraak, M.-J. & van Elzakker, C. P. J. M., 2019, In: *The Cartographic Journal*. 56, 1, p. 73-90 18 p.

GeoVisual analytics for understanding the distribution of speeding patterns on arterial roads: assessing the traffic safety of vulnerable road users

Kveladze, I. & Agerholm, N., 2 Jul 2020, In: *Journal of Location Based Services*. 14, 3, p. 201-230 30 p.

Understanding Mobility of Aalborg Commuters: A case Study With Floating Car Datasets

Kveladze, I., Gøeg, P. R. & Agerholm, N., 25 Nov 2021, *LBS 2021: Proceedings of the 16th International Conference on Location Based Services*. p. 149-154 6 p.

What can location-based social media reveal on human migration patterns in Europe?

Kveladze, I., Jokinen, J. C., Tapia, C. & Hansen, H. S., 31 Dec 2024, In: *Journal of Maps*. 20, 1, 9 p., 2329168.

Analytics of historical human migration patterns: use cases of Amsterdam and Copenhagen

Kveladze, I., Georgati, M., Keßler, C. & Hansen, H. S., 2 Oct 2023, In: *Journal of Location Based Services*. 17, 4, p. 426-446 21 p.

Exploratory Analysis of Migrant Distribution in the Medium-Sized Cities

Kveladze, I., 2025, (In preparation) In: *International Journal of Cartography*. 34 p.

Evaluating the spatial grid system for effective point data aggregation: a case study of Copenhagen

Kveladze, I., Georgati, M. & Keßler, C., 2025, (In preparation) In: *The Cartographic Journal*.

Assessing Mobility-Driven Socio-Economic Impacts on Quality of Life in Small Urban Areas: A Case Study of the Great Belt Fixed Link Corridor

Kveladze, I., Friberg Lund, R. & Holmsted Kjeller, S., Jul 2025, In: *Urban Science*. 9, 7, 238.

Mapping ethnic neighbourhood transformations in a mid-sized city

Kveladze, I., 2025, (In preparation) In: *The Cartographic Journal*.

Spatial Accessibility in the Urban Environment of a Medium-Sized City: A Case Study of Public Amenities in Odense, Denmark

Kveladze, I., Oct 2025, In: *Urban Science*. 9, 10, 407.