ARNÓR ELVARSSON– CURRICULUM VITAE

1   Personal information, including researcher ID

Work Address	Institute of Construction and Infrastructure Management (IBI), ETH Zürich (ETHZ)
	Building HIL, Room G 32.2, Stefano-Franscini-Platz 5, CH 8093 Zurich
	E-mail: elvarsson[at]ibi.baug.ethz.ch
Private Address	CH-8952 Schlieren
Date of birth	April 24, 1993
Family status	Father of 1
Nationality	Icelandic
Webpage	www.arnorbragi.is
ORCID No.	https://orcid.org/0000-0001-5161-4465
Google Scholar id:	https://scholar.google.com/citations?hl=en&user=kK-7G8AAAAAJ

2   Education

2021-	Ph.D., Swiss Federal Institute of Technology, Zurich, Switzerland
	Thesis: *Improving infrastructure planning process effectiveness and efficiency*
2016-2018	M.Sc. Spatial development and Infrastructure Systems, ETH Zürich
	Thesis: *The use of Real Option to account for future mobility uncertainty*, Awarded w Culmann Prize
2011-2014	B.Sc., Civil and Environmental Engineering University of Iceland, Reykjavík, Iceland

3   Employment history including current position(s)

2021-	Institute for Construction and Infrastructure Management (IBI), Department of Civil, Environmental and Geomatic Engineering at the ETHZ, Zürich, Switzerland
	Doctoral research assistant
2018-20	Infrastructure Management Consultants Ltd., Zürich, Switzerland
	Project Engineer
2016-18	Institute for Construction and Infrastructure Management, ETHZ Switzerland *Student research assistant*
2014-15	EFLA Consulting Engineers, Reykjavík, Iceland, *Specialist / Consultant*

4   Institutional responsibilities (main on-going responsibilities)

Responsibilities
Driving forth state-of-the-art research on infrastructure planning considerung uncertainty
Leading the Institute's contribution to a 16 ECTS interdisciplinary student project in the Masters Spatial development and infrastructure systems
Supervising student Master & Bachelor theses
Understanding demand for infrastructure under deep uncertainty using stated-choice models

References

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Elvarsson, A., B. T. Adey, O. Roman Garcia (2023). The value of accelerating the infrastructure planning process. Conference paper presented at 8th International Symposium on Life-Cycle Civil Engineering (IALCCE 2023), Milan, Italy, July 2-6, 2023; Conference lecture held on July 4, 2023. , https://doi.org/10.3929/ethz-b-000640587.

Roman Garcia, O., A. Elvarsson, B. T. Adey (2023). Exploratory modelling for transport infrastructure planning under future uncertainty. Conference paper presented at 8th International Symposium on Life-Cycle Civil Engineering (IALCCE 2023), Milan, Italy, July 2-6, 2023 , https://doi.org/10.3929/ethz-b-000648146.

Elvarsson, A. B., Martani, C., & Adey, B. T. (2021) Considering automated vehicle deployment uncertainty in the design of optimal parking garages using real options, Journal of Building Engineering, 34, 101703, https://doi.org/10.1016/j.jobe.2020.101703

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Etzioni, S., Hamadneh, J., Elvarsson, A. B., Esztergár-Kiss, D., Djukanovic, M., Neophytou, S. N., Sodnik, J., Polydoroupoulou, A., Tsouras, I., Pronello, C., Thomopoulos, N. & Shiftan Y. (2020) Modeling cross-national differences in automated vehicle acceptance, Sustainability, 12(22), 9765. https://doi.org/10.3390/su12229765