



Dr Dušan Isailović Ph.D. CEng

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Education

- **University of Belgrade, Faculty of Civil Engineering, Department of Construction Project Management**

Doctoral studies

PhD thesis: "Digital representation of as-damaged reinforced concrete bridges"

2015 - 2020

- **University of Belgrade, Faculty of Civil Engineering, Department of Structural Engineering**

Master studies

2013 - 2015

- **University of Belgrade, Faculty of Civil Engineering, Department of Structural Engineering**

Bachelor studies

2009 - 2013

- **The First Grammar School of Kragujevac**

2004 - 2008

Work experience

- **University of Belgrade, Faculty of Civil Engineering, Department of Construction Project Management**

Teaching and Research Assistant

2016 - present

- **Centroprojekt d.o.o.**

Structural Design Engineer

2015-2016

- **TankMont d.o.o.**

Construction Site Engineer

July 2014 - October 2014

Research projects

- **COST Action TU1406 - Quality specifications for roadway bridges, standardization at a European level (BridgeSpec)**

Project member

2017 – 2019

- **Project of the Ministry of Education, Science and Technological Development of the Republic of Serbia, TR-36038: “Development of the method for the production of MEP design and construction documents compatible with BIM process and related standards”**

Project member

2018 – present

- **AMSFree – Conference of European Directors of Roads (CEDR) transnational road research programme for Building Information Modeling (BIM)**

Project member

2019 – present

Publications

- Dušan Isailović, Vladeta Stojanovic, Matthias Trapp, Rico Richter, Rade Hajdin, Jürgen Döllner, Bridge damage: Detection, IFC-based semantic enrichment and visualization, Automation in Construction, Volume 112, 2020, 103088, ISSN 0926-5805, <https://doi.org/10.1016/j.autcon.2020.103088>.
 - Dušan Isailović, Marija Petronijević, Rade Hajdin, The future of BIM and Bridge Management Systems, In IABSE Symposium 2019: Towards a Resilient Built Environment - Risk and Asset Management, pages 1673 – 1680. International Association for Bridge and Structural Engineering (IABSE), 2019. ISBN: 978-1-5108-8445-8.
 - Dušan Isailovic, Rade Hajdin, Jose Matos. Bridge quality control using Bayesian net. In 40th IABSE Symposium 2018: Tomorrow's Megastructures, pages S27–51. International Association for Bridge and Structural Engineering (IABSE), 2018. ISBN: 978-1-5108-7385-8.
 - Dušan Isailović, Igor Svetel, Simple Building Information Modeling by using Industry Foundation Classes, Proceedings of 7th International Symposium on Industrial Engineering, Belgrade, 2018, https://www.researchgate.net/publication/328149292_Simple_Building_Information_Modeling_by_using_Industry_Foundation_Classes.
 - Nikola Tanasić, Dušan Isailović, Раде Хајдин, Jose Campos e Matos, Quality Control of Roadway Bridges - Reliability Assessment, TU1406 COST Action meeting eBook, COST ACTION TU1406, Barcelona, 2018, ISBN: 978-84-9880-756-1.
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- Marija Petronijević, Dušan Isailović, Nevena Simić, Nenad Ivanišević, Igor Svetel, Uvođenje BIM-a u nastavu na Građevinskom fakultetu Univerziteta u Beogradu, Proceedings of the 14th International Scientific Conference on Planning, Design, Construction and Renewal in the Civil Engineering, Novi Sad, 2018

Internship

- **Directorate for Urbanism, Kragujevac, Serbia**
August 2012

Volunteering

- **Universiade**
2009
- **Exit festival**
2010
- **Ecological Research Society “Mladen Karaman”**
2009 - 2010

Languages

- **English**
fluent
- **German**
basic
- **Russian**
basic
- **Portuguese**
basic

Computer skills

- **Programming**
C, C++, Python, HTML
 - **CAD modeling**
AutoCad
 - **BIM modeling**
Revit, Microstation, SolidWorks
 - **Structural analysis**
Tower, SAP
 - **Office**
Word, Excel, PowerPoint, Access,
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Other skills

- **Driving licence**
B category

**Interests
and hobbies**

- **Capoeira Angola**
 - **Yoga**
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