
Full profesor

Janko Logar, PhD, University of Ljubljana



19th Nonveiller Lecturer

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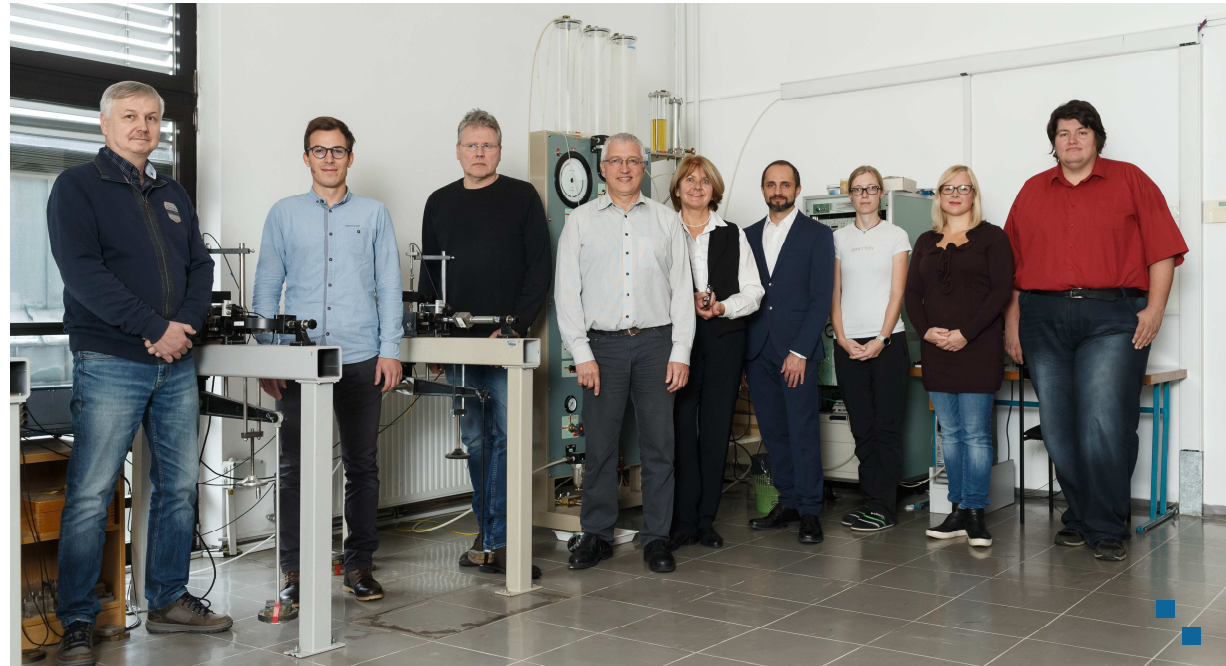


**Chair for Geotechnical Engineering -
Faculty of Civil and Geodetic Engineering
President of the national ISSMGE group**



UNIVERZA
V LJUBLJANI

SIMSG ISSMGE



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Education

1985 graduated at University of Ljubljana, Department of Civil Engineering

1990 master of science degree at University of Ljubljana, Department of Civil Engineering with thesis

The effect of soil reinforcement on the settlement and safety of road embankments

1998 doctoral degree with Ph.D. thesis

Use of different constitutive models for soil consolidation analysis

at University of Ljubljana, Department of Civil Engineering



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Positions at the University of Ljubljana, Department of Civil Engineering

1986 – 1988 Assistant

1988 – 1990 Research Engineer

1990 – 1998 Assistant

1998 – 2009 Assistant Professor

2009 – 2021 Associate Professor

2021 – Full Professor



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Teaching

Geotehnika – B – GR – UNI [B – Gradbeništvo (UN)]

Geotehnika prometni – B – OG – VSŠ [B – Operativno gradbeništvo (VS)]

Geotehnika – B – VOI [B – Vodarstvo in okoljsko inženirstvo (UN)]

Geotehnika nizkih gradenj – GEO-HI – B II – Gradb. [B II – Gradbeništvo]

Geotehnika nizkih gradenj – B II – NG, GR (8 KT) [B II – Gradbeništvo]

Mehanika kamnin in podzemni objekti – B II – Gradb. [B II – Gradbeništvo]

Eksperimentalne metode v geotehniki – B II – GR [B II – Gradbeništvo]

Osnove mehanike tal – B – OG – VSŠ [B – Operativno gradbeništvo (VS)]

March - June 2016

Visiting professor at Vienna University of Technology



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Research fields

- Development of computer codes for geotechnical analyses
- Numerical methods in soil mechanics
- Non-linear stress-strain behaviour of soils
- Artificial intelligence in soil mechanics
- In-situ soil testing
- The use of geotechnical monitoring data in geotechnical design and construction
- Tunnelling in soft anisotropic rock
- Ground anchors
- Ground improvement

- **Author of over 150 scientific and technical papers**



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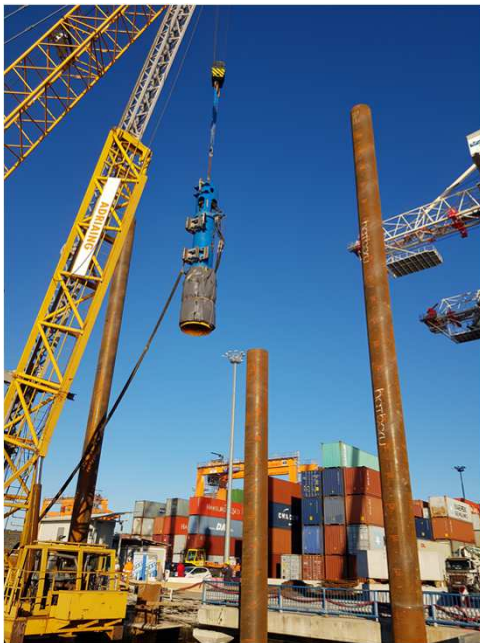
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Professional practice

More than 600 professional expertises, geotechnical projects and reviews of geotechnical projects

- Geotechnical Engineering **Consultancy** (advising, design, supervision) for Port of Koper (from 2001 on)
Planning, execution and interpretation of geotechnical **investigations** (laboratory and in-situ) for Port of Koper and motor way projects in Slovenia
Reviewer for geotechnical reports and for design of geotechnical structures and tunnels mostly for large public infrastructural projects
Design of embankments on soft soils and ground improvement
Consultancy in geotechnical engineering (retaining structures, construction pits, foundations, landslides, dams, numerical analyses, tunneling)
Consulting work abroad in **tunnelling** (Italy) and **ground improvement** (Albania, Croatia, Jordan) ■



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Membership

- International Society of Soil Mechanics and Geotechnical Engineering and president of the national ISSMGE group
- International Society for Rock Mechanics and Rock Engineering, ISRM
- International Association of Engineering Geology, IAEG
- **Founding Member of Slovenian Geotechnical Society**
- ITA Slovenia (International Tunnelling Association)
- Slovenian Chamber of Engineers



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- Secretary of the Slovenian Geotechnical Society (1992-1996 and 2000-2004)
- President of **Slovenian Geotechnical Society** (2004-2008)
- Member of Technical Committee on Geotechnical Engineering at the **Slovenian Office for Standardisation** (WG7 USM/TC KON)
- Chair of the Conference Scientific Committee for the 13th **Danube European Conference** on Geotechnical Engineering in Ljubljana in 2006
- Member of Geotechnical Council for tunnels at the **Slovenian motorway agency** (DARS)
- **Head of the Department** for Civil Engineering at the Faculty of Civil and Geodetic Engineering (2010-2017)
- **Head of the Chair** for Geotechnical engineering at the Faculty of Civil and Geodetic Engineering (2013-2021)
- Head of the examination committee for certified engineers at **Slovenian Chamber of Engineers**

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- English, Spanish, Italian, German, Portugese,,
- Croatian 😊



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23. Šukljetov dan 6.12.2024.

Profesor Logar podsjeća na značaj koji je imao i ima profesor Lujo Šuklje



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11.03.2025.

održat će predavanje s naslovom:

**The role of advanced technologies in
selected case histories of forensic
geotechnics**

**Nakon što se u Sloveniji dogodio veliki broj
zahtjevnih klizišta, zamolili smo profesora Logara da
podijeli neka stečena iskustva.**

**Poštovani profesore, dragi Janko,
zahvaljujemo na odazivu!
Izvolite!**

