



Curriculum Vitae

Nino Tabatadze, Ph. D.

Contact:

Address: Current / Registered:



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EMPLOYMENT

02/2022 – Present, Associate Professor

Ilia State University, Technology School, Faculty of Business, Technology and Education,
Civil Engineering Program

02/2020 – Present, Structural Engineer

ARC-S innovation & technology Ltd. Budapest, Hungary

Responsibilities: Structural analysis and design of reinforced concrete, composite and steel structures; Structural analysis of timber constructions; Detailed design of timber structures.

10/2020 – 01/2022, Research Scientist / Consultant

Sector of Seismology, Seismic Hazard and Disaster Risks; Institute of Geophysics of
I. Javakhsishvili State University, Tbilisi, Georgia

Responsibilities: Analysis and Design of Buildings Subjected to Wind and Earthquake Loads

10/2021 – 12/2021, Visiting Researcher

Department of Civil, Chemical, Environmental and Materials Engineering - University of
Bologna, Italy; Research topic: “Effective modelling of complex masonry buildings, such as
cultural heritage buildings under the seismic loading and study of remodelling techniques”.

02/2010 – 08/2017, Structural Engineer

“GIPN” Ltd. Tbilisi, Georgia

Responsibilities: Structural design of civil and industrial engineering projects; Structural
analysis and design of high-rise buildings; Design process of building refurbishment for
structurally unsafe or damaged structures including historical buildings.

06/2008 – 01/2010, Structural Designer

“FUDZE” Ltd. Tbilisi, Georgia

Responsibilities: Structural analysis and design of civil and industrial engineering projects.

EDUCATION

2020 - MSc in Structural Engineering

Budapest University of Technology and Economics (BME), Faculty of Civil Engineering,
Department of Structural Engineering; Master's thesis topic: “Condition survey and seismic
fragility assessment of historic building”

2017 - PhD in Construction Engineering

Georgian Technical University (GTU), Faculty of Civil Engineering, Department of
Engineering Mechanics and Technical Expertise, Dissertation topic: “Investigation of several
Georgian historical and cultural monuments by combining experimental and numerical
methods”

2009 - MS in Information Technologies for Construction

Georgian Technical University (GTU), Faculty of Civil Engineering, Department of
Computer-aided Design in Civil Engineering

2007 - BS in Computer Engineering

Georgian Technical University (GTU), Faculty of Civil Engineering, Department of
Computer-aided Design in Civil Engineering

INVOLVEMENT IN STRUCTURAL ANALYSIS AND DESIGN PROCESS OF HIGHLIGHTED PROJECTS:

Georgia

Residential Buildings:

Block of Apartments on Aslandi street; Block of Apartments on Gorgasali street; Block of Apartments on Tamarashvili street in Tbilisi; Block of Apartments on Kazbegi Avenue in Tbilisi and others (2008-2017).

Public Buildings:

Hotel "Panorama Tbilisi"; Business Center in Batumi (The 200 m high building); Hotel in Anaklia; Training Center in Anaklia; Cafe-Restaurant in Anaklia; Cafe-Restaurant in Sataplia; Railway Station in Akhalkalaki; The 112 Georgia Emergency Response Center in Tbilisi (40m high); Commercial Centre in Qutaisi; Hotel in Shekvetili - Paragraph Hotel & Spa Resort; Nagut rope station and many more (2010-2017).

Rehabilitation Projects:

David Agmashenebeli Avenue, Tbilisi; Pushkini Avenue, Tbilisi (2012).

Hungary

More than 30 CLT residential buildings in Hungary (2020-2022)

High bay warehouse, technical building and office (Reinforced concrete and steel structure) Suez, Hungary (2021)

45 Apartment residential building (Reinforced concrete structure), Siofok, Hungary (2021)

Tree-top walkway in Normafa (Lombkorona sétány a Normafán), a series of tree-top (wooden) bridges and decks of up to 30 metres in height, Budapest, Hungary (2021)

Training office - Steel shell structure, Casablanca, Morocco (2022)

Managing Energy-sector Climate Risk:

Carbon emissions calculations, Budapest, Hungary (2022)

SCIENTIFIC ACTIVITIES / HONOURS AND AWARDS

2014, 2015, 2016, 2017 Publications in highly rated Georgian Scientific-Technical Journals, GTU, Tbilisi, Georgia

2006, 2008, 2009, 2015 First prizes in Scientific-Technical Conference in Civil Engineering section, GTU

2008 Participant of Students' Second Scientific Symposium – Engineering and Construction Section; Batumi, Georgia

2016 Second prize in Scientific-Technical Conference in Civil Engineering section, GTU

2017/2018 Stipendium Hungaricum Scholarship; Budapest, Hungary

2019/2020 Third prize in Student's Scientific contest in Civil Engineering section - BME, Budapest, Hungary

TECHNICAL SKILLS:

Computer / Software skills:

Proficiency in Autodesk Revit, AutoCad, CSI Sap2000, AxisVM, Abaqus, Microsoft office (Word, Excel, PowerPoint)

LANGUAGE PROFICIENCY

Georgian (Native)

English

RESEARCH INTERESTS

- Numerical Analysis of Engineering Structures
- Earthquake Engineering
- Behaviour of Historic (Masonry) Buildings under Seismic Loading
- Modern Methods of Reconstruction and Strengthening of Historic Buildings
- Timber Structures
- Masonry Structures