Dr. Tomaž Pazlar **(Slovenia)**
Slovenian National Building and Civil Engineering Institute
Ljubljana Slovenia
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COST FP1402, MC Member, WG3 Member

Personal	*Organisation*
Years of experience in relevant field: 6 Expertise: Inspection and assessment of timber structures, laboratory testing of fasteners, timber based structural elements and timber structures, certification of timber based construction products and fasteners, preparation of national and European Technical Approvals/Assessments Degree: PhD (03.10.2008)	Section for Metal, Timber and Polymer Structures (http://www.zag.si) Focus: practical research/innovation Facilities : Modular equipment for performing tests of building structures and their elements under static or dynamic loadings (max. length: 30 m, max. load: 6000 kN), onedirectional shaking table (2 m x 3.2 m), Zwick 250 kN, Resistograph IML PD500, Brookhuis Timber Grader MTG

No. of staff	PhD students	MSc/year
10	0	0

Research projects

National projects:

1.) Strength grading of timber structural elements, 2008-2011.

2.) Seismic behaviour of multi-storey shear walls with openings, 2014-2017.

3.) Technical-economic analysis of energy retrofitting of residential buildings, 2007-2009.

COST actions:

1.) COST Action E53: »Quality Control for Wood and Wood Products«, 2006-2010, http://www.coste53.net/

2.) COST Action FP1004: »Enhance mechanical properties of timber, engineered wood products and timber structures«, 2010-2015, http://costfp1004.holz.wzw.tum.de/

3.) COST Action FP1101: »Assessment, Reinforcement and Monitoring of Timber Structures« 2010-2015, http://www.costfp1101.eu/

4.) COST Action FP1404: »Fire safe use of bio-based building products«, 2014-2019, http://www.costfp1404.com/en/Sidor/default.aspx

Publications

1.) PAZLAR, Tomaž, KRAMAR, Miha. Traditional timber structures in extreme weather conditions. International Journal of Architectural Heritage: Conservation, Analysis and Restoration, 2015.

2.) SEIM, Werner, KRAMAR, Miha, PAZLAR, Tomaž, VOGT, Tobias. OSB and GFB as Sheathing Materials for Timber-Framed Shear Walls: Comparative Study of Seismic Resistance. ASCE Journal of Structural Engineering, Special issue on Seismic Resistant Timber Structures, 2015 (accepted for publication).

3.) HOZJAN, Tomaž, PAZLAR, Tomaž. Experimental and numerical analyisys of glulam beams in natural climatic conditions. Proceedings of 12th World Conference on Timber Engineering, 2012.

4.) PAZLAR Tomaž. Assessment and rehabilitation of timber structures in slovenian cultural heritage structures. Proceedings of International Scientific Conference - INDIS, 2012.

5.) PAZLAR Tomaž, SRPČIČ Jelena, PLOS Mitja, TURK Goran. Strength grading of Slovenian structural timbere masonry buildings in Ljubljana. Proceedings of 12th World Conference on Timber Engineering, 2012.