



TIBOR PENTEK

- Date of birth: 24 February 1972
- Place of birth: Zagreb

FACULTY OF FORESTRY AND WOOD TECHNOLOGY, UNIVERSITY OF ZAGREB

- Employed from 1996 to present
- In 2017, he was elected to the scientific-teaching position with the title of full professor in a permanent position (biotechnical sciences, field of Forestry)

FUNDAMENTAL EDUCATION

- 2002 Doctor of Science, Biotechnical Sciences, Forestry, Faculty of Forestry and Wood Technology, University of Zagreb
- 1998 Master of Science, Biotechnical Sciences, Forestry, Faculty of Forestry and Wood Technology, University of Zagreb
- 1995 Graduated in forestry engineering, Faculty of Forestry and Wood Technology, University of Zagreb

Prof.

TIBOR PENTEK

Vice-rector for Organization, Infrastructure Development and Human Resources

Tibor Pentek was born in Zagreb on 24 February 1972. He is of Croatian nationality and citizenship. He is a married father of three children, Dorothea, Ana Maria, and Borna. He graduated from primary and secondary school in Pazin. He enrolled in the undergraduate study of Forestry at the Faculty of Forestry of the University of Zagreb (now the Faculty of Forestry and Wood Technology) in the academic year 1990/1991. On 20 October 1995, he graduated as the first in his generation to defend his thesis with excellent success.

Since 1 January 1996, he has been employed at the Faculty of Forestry of the University of Zagreb (hereinafter: Faculty of Forestry/Faculty of Forestry and Wood Technology), in the Department of Forest Harvesting (now the Department of Forest Engineering) as a junior assistant. He defended his master's thesis on 6 February 1998. On 25 May 1998, he was elected to the associate title of assistant.

He defended his doctoral thesis entitled "Computational models of forest road network optimisation concerning dominant influencing factors" at the Faculty of Forestry on 11 October 2002, obtaining the academic title of Doctor of Science in the field of biotechnical sciences, the scientific field of Forestry. On 30 January 2003, he was elected to the associate position of senior assistant.

In the Department of Forest Engineering of the Faculty of Forestry, he was appointed assistant professor on 31

March 2005, associate professor on 18 February 2009, full professor on 18 September 2012, and full professor in a permanent position on 12 December 2017.

He attended professional training in 2000 at the Forestry Faculty of the Black Sea Technical University in Trabzon, Turkey, in 2001 at the Ossiach Forestry Training Center in Austria, and in 2002 in Helsinki, Tampere and Joensuu, Finland (organised by FAO/ECE/ILO and IUFRO and the company Timberjack).

He was the head of the Department of Forest Engineering from 2005 to 2009. He was the vice dean for international cooperation of the Faculty of Forestry for two terms, from the academic year 2006/2007 until 2009/2010. Since 2004, he has held the position of manager of the Zalesina Training and Research Forest Centre. From the academic year 2018/2019 until 2021/2022, he was dean of the Faculty of Forestry and Wood Technology.

In the academic year 2018/2019, he was a member of the Rector's College in the wider composition of the University of Zagreb. He has been a member of the Senate of the University of Zagreb since the academic year 2018/2019. Also, in 2018/2019, he became a member of the Biotechnical Area Council, and in 2019 he was appointed to the Committee for Science and International Cooperation and the Committee for Innovation and Technology Transfer of the University of Zagreb.

He has been the editor-in-chief/co-editor-in-chief of the journal "Croatian Journal of Forest Engineering" since 2005 and was the editor-in-chief/co-editor-in-chief of the journal "New Forestry Mechanization" from 2005 to 2015. He was an Editorial Board member of the scientific journal "Journal for Forest Experiments" from 2006 to 2011. He became the editor of the scientific branch "Forest Transport" in the scientific journal "Forestry Journal" in 2017. Since 2015, he has been a member of the editorial board of the scientific journals "Journal of the Faculty of Forestry, Istanbul University" and "European Journal of Forest Engineering".

He was the president of the organisational and programme committees of five international scientific conferences and a member of the organisational programme and scientific committees of many international and national scientific conferences. He is a permanent member of the Scientific Committee of the international organisation FORMEC (Forestry Mechanization). In 2019, he was appointed Vice President of Research Group 3.01.00 Harvesting and Transportation Engineering of the International Union of Forest Research Organizations (IUFRO).

He is the supervisor/co-supervisor of the following study courses: one in the undergraduate study of Forestry; three in the graduate study of Forestry, the direction of Techniques, Technologies, and Management in Forestry; five in the postgraduate specialist study of Forest Roads; and three in the postgraduate doctoral study of Forestry and Wood Technology at the Faculty of Forestry and Wood technology.

He was twice appointed a visiting professor in the study course Planning of Forest Roads in the graduate study Mountain Forestry in the academic years 2006/2007 and 2011/2012 at the University of Natural Resources and Life Sciences (BOKU) in Vienna, Austria. As a guest lecturer, he stayed at BOKU ten times, once at the Biotechnical Faculty of the University of Ljubljana and at the Faculty of Forestry of the University of Transylvania in Braşov.

He mentored more than 30 defended final and master's (diploma) theses, one master's specialist thesis, and three science doctorates. He participated, as a president or member, in many committees for the defence of PhDs, three times at BOKU and once at the Biotechnical Faculty of the University of Ljubljana and the Faculty of Forestry of Transylvania University in Braşov.

The scientific interest of the candidate relates to the forest roads, the technology of construction and maintenance of forest roads, the primary and secondary forest traffic infrastructure, optimisation of the network of forest roads, the research of forest fire prevention roads, the study of the consequences of the construction of forest roads on selected components of the forest ecosystem, and others.

Until present, he has been the manager of one scientific and one technological project of the Ministry of Science and Education, as well as many scientific projects for other clients. He participated, with more than 60 reports or posters, in more than 40 domestic and international meetings, of which he gave invited lectures at seven of them. He published more than 70 scientific papers as an author or co-author in scientific journals. He is the author of three chapters on scientific books and has reviewed one university textbook.

Independently or in co-authorship, the candidate has created more than 250 main projects on forest roads, several studies on the forest accessibility with primary forest roads, and a dozen studies on the effectiveness of the network of forest roads – primary forest transport infrastructure. As a supervising engineer, he supervised the construction/reconstruction of more than 100 km of forest road.

He is active in the Croatian Chamber of Forestry and Wood Technology Engineers, where from 2006 to 2010, he was a member of the Board of Professional Class of Forestry Engineers. Since 2007, he has been the president of the Examination Committee for conducting professional examinations in the professional field of Forest Roads and Forestry Construction. From 2010 to 2014, he was a member of the Assembly, and from 2014 to 2018, the president of the Forestry Engineers Class and a member of the Chamber Council.

From June 2005 to May 2010, he was an associate member; from May 2010 to February 2015, an extraordinary member; and since February 2015, he has been a regular member of the Academy of Forestry Sciences. He is a member of the International Union of Forest Research Organizations (IUFRO).

He is active in reading, writing, and speaking English.

WORK EXPERIENCE IN MANAGEMENT

2019 –	Vice President of Research Group 3.01.00 Harvesting and Transportation Engineering of the International Union of Forest Research Organizations (IUFRO)
2018 – 2022	Dean of the Faculty of Forestry and Wood Technology, University of Zagreb
2014 –	Permanent member of the Scientific Committee of the international organisation FORMEC (Forestry Mechanization)
2014 – 2018	President of the Class of Forestry Engineers of the Croatian Chamber of Forestry and Wood Technology Engineers
2010 – 2014	Member of the Assembly and Council of the Croatian Chamber of Forestry and Wood Technology Engineers
2006 – 2010	Vice-dean of the Faculty of Forestry and Wood Technology, University of Zagreb
2005 –	Editor-in-chief/co-editor-in-chief of the journal “Croatian Journal of Forest Engineering”
2005 – 2015	Editor-in-chief/co-editor-in-chief of the journal “New Forestry Mechanization”
2005 – 2009	Head of the Department of Forest Engineering, Faculty of Forestry and Wood Technology, University of Zagreb
2004 –	Manager of the Zalesina Training and Research Forest Centre of the Faculty of Forestry and Wood Technology, University of Zagreb
2004 – 2005	Secretary of the Institute for Research in Forestry, Faculty of Forestry and Wood Technology, University of Zagreb
1998 – 2004	Deputy manager of the Zalesina Training and Research Forest Centre of the Faculty of Forestry and Wood Technology, University of Zagreb

WORK EXPERIENCE RELATED TO THE UNIVERSITY

2019 –	Member of the Committee for Innovation and Technology Transfer of the University of Zagreb
2019 –	Member of the Committee for Science and International Cooperation of the University of Zagreb
2018 –	Member of the Biotechnical Area Council
2018 – 2022	Member of the Senate of the University of Zagreb
2018 – 2019	Member of the Rector’s College in the broader composition of the University of Zagreb