

CV - Andreja Kutnar

PERSONAL INFORMATION

Family name, First name: KUTNAR, Andreja

Gender: Female

Researcher unique identifier(s): [Researcher ID: B-7745-2014](#)

Date of birth: 23.12.1980

EDUCATION

2008 **Doctor of Philosophy**, Biotechnical Faculty, Department of Wood Science and Technology, [University of Ljubljana](#), Slovenia.

2003 **Bachelor of Science**, Biotechnical Faculty, Department of Wood Science and Technology, University of Ljubljana, Slovenia.

CURRENT POSITION(S)

09/2014 – present Acting **Head of Department**, Department of Technology, Andrej Marušič Institute, University of Primorska, Slovenia

01/2014 – present **Member** of ARRS Research Programme P1-0386 Conservation biology, from molecules to ecosystem

08/2012 - present **Assistant Professor** for the field “*Wood Science*”, Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska, Slovenia.

2012 – present **Lecturer** of courses Environmental Technologies at UP FAMINT

2014 – present **Lecturer** of course Renewable resources at UP Faculty of Management

01/2009 - present **Research Associate**

Andrej Marušič Institute, University of Primorska, Slovenia

PREVIOUS POSITIONS

04/2010 - 01/2012 **Research Associate**, Institute of Wood Science and Technology and Sustainable Development, Ljubljana, Slovenia.

06/2009 - 03/2010 **Research Associate**, [Department of Wood Science and Engineering, Oregon State University](#), Corvallis, USA.

09/2006 - 04/2007 **Visiting student**, Department of Wood Science and Engineering, Oregon State University, Corvallis, USA.

10/2005 – 03/2010 **Self-employed**, Company Mizarstvo Kutnar Andreja Kutnar s.p., Slovenia.

FELLOWSHIPS AND AWARDS

2009 **“Jesenko award”** for the best PhD student graduating in the year 2008 (Award received from Biotechnical faculty, University of Ljubljana, Slovenia)

2004 **“Jesenko award”** for excellent undergraduate study success (Award received from Biotechnical faculty, University of Ljubljana, Slovenia)

INSTITUTIONAL RESPONSIBILITIES

2013 – present Committee member University Committee for Education, University of Primorska, Slovenia

2013 – present Evaluation Committee member of University development center and university incubator of Primorska Ltd/Slovenia

2012 – present Evaluator of academic competences at University of Primorska 2 Assistant Professor; 3 research assistants

2012 – present Graduate Student Advisor, University of Primorska, Slovenia

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2015 - present **Management Committee member, proposer and chair** of the COST Action [FP1407 "Understanding wood modification through an integrated scientific and environmental impact approach \(ModWoodLife\)](#)
- 2014 - present **Member** of Society of Wood Science and Technology Policy & Critical Issues Committee
- 2013 - present **Management Committee member** of the COST Action [FP1302 "WOOD MUSICK"](#)
- 2013 - present **Management Committee member and working group leader** of the COST Action [FP1303 "Performance of bio-based building materials"](#)
- 2013 - present **Member** of Society of Wood Science and Technology ([SWST](#))
- 2010 - present **Management Committee member** of the COST Action [FP0904 »Thermo-Hydro-Mechanical Wood Behaviour and Processing"](#)
- 2011 - present **Member** of working group 2 of the COST Action FP1006 "[Bringing new functions to wood through surface modification](#)"

Organization of international conferences

- 05/2015 InWood 2015: Innovations in wood materials and processes, Brno, Czech Republic
- 10/2014 COST FP1303 Conference Performance and maintenance of bio-based building materials influencing the life cycle and LCA. Kranjska Gora, Slovenia
- 10/2014 COST Action FP0904 and COST Action FP1006 International Workshop, Rogla, Slovenia

RESEARCH FUNDING AS WELL AS LEADERSHIP AND SUPERVISION

National Slovenian research projects

- Z4-5520-1669 **Rheological properties of thermo-hydro-mechanically treated wood**, 1.8.2013–31.7.2015
- EKOINŽENIRING Contract research with industry concerning furniture manufacturing, 2012-2014.
- V4-1139 **Determination of carbon footprint of primary wood products**, 1.10.2011–30.9.2014, target research project, 70 000 EUR.
- V4-1010 **Possibilities for reconstruction of Slovenian wood industry**, 1.10.2010–31.3.2012, target research project, 70 000 EUR.

International projects

- H2020 Teaming [Renewable materials and healthy environments research and innovation centre of excellence](#) (InnoRenew CoE).
- COST Action FP1407 "[Understanding wood modification through an integrated scientific and environmental impact approach \(ModWoodLife\)](#)", 2014-2019
- COST Action FP1303 **Performance of bio-based building materials**, 2013-2017.
- COST Action FP1302 **WOOD MUSICK**, 2013-2017.
- BI-RU/14-15-019) Bilateral project with Russia (Volga State University of Technology, Faculty of Timber Engineering): Thermohydro mechanical treatments of wood for new construction materials
- BI-RU/14-15-014 Bilateral project with Russia (Saint Petersburg State Technological University of Plant Polymers): Environmental performance and impact assessments of paper
- BI-US/14-15-027) Bilateral project with USA (Oregon State University): Viscoelastic properties of thermo-hydro-mechanically treated wood
- WoodWisdom-ERA-net+: Cascading Recovered Wood (CaReWood), 2014-2017

- WoodWisdom-ERA-net+: What We Wood Believe? Societal perceptions of the forest-based sector and its products towards a sustainable society (W3B Wood Believe)
- Italy-Slovenia Cross-border Cooperation Programme 2007-2014 [EnergyViLLab](#) at UP FAMNIT
- COST Action FP0904 [Thermo-Hydro-Mechanical Wood Behaviour and Processing](#), 2010-2014.
- MU-PROM/12-012 Research collaboration Slovenia – New Zealand: **Development of products with minimal environmental impact**. Funding agency Slovenian Research Agency, 2012, 2000 EUR, collaboration with [SCION](#).
- MU-PROM/12-006 Research collaboration Slovenia – Chile: **Properties of thermohydromechanically (THM) treated wood**. Funding agency Slovenian Research Agency, 2012, 2000 EUR, collaboration with Unidad de Desarrollo Tecnológico ([UDT](#)) and with Departamento Ingeniería en Maderas, [Universidad del Bío-Bío](#).
- MU-PROM/12-005 Research collaboration Slovenia – Switzerland: **Numerical modeling on micro level for new bio-engineering concepts of wood composites**. Funding agency Slovenian Research Agency, 2012, 1200 EUR, collaboration with [EMPA](#).
- MU-PROM/11-2-005 Research collaboration Slovenia – Switzerland: **Adhesion potential of densified wood**. Funding agency Slovenian Research Agency, 2012, 1200 EUR, collaboration with EMPA.
- ECOST-STSM-FP0904-210512-017518 Short Term Scientific Mission, COST Action FP0904 at EMPA, Switzerland. **Using Dynamic Mechanical Analysis (DMA) for fundamental understanding of thermo-hydro-mechanical (THM) treatments of wood**, 2012, 1600 EUR, collaboration with EMPA.
- MU-PROM/12-004 Research collaboration Slovenia – Spain: **New wood composites for sustainable building**. Funding agency Slovenian Research Agency, 2012, 1500 EUR, collaboration with [University of the Basque Country](#).
- MU-PROM/12-009 Research collaboration Slovenia – Canada: **Carbon footprint of primary wood products**. Funding agency Slovenian Research Agency, 2012, 2000 EUR, collaboration with [University of British Columbia](#).
- MU-PROM/12-011 Research collaboration Slovenia – Germany: **Intelligent concepts for reuse and recycling of wooden products**. Funding agency Slovenian Research Agency, 2012, 1000 EUR, collaborator with [Georg-August-University of Göttingen](#).
- COST Action FP1006 [Bringing new functions to wood through surface modification](#), 2011-2015
- MU-PROM/11-013 Research collaboration Slovenia – Canada: **Development of products based on cradle to cradle concept**. Funding agency Slovenian Research Agency, 2011, 2000 EUR, collaboration with [FPInnovation](#).
- MU-PROM/11-004 Research collaboration Slovenia – Germany: Rheological properties of densified wood. Funding agency Slovenian Research Agency, 2011, 1000 EUR, collaboration with [Fraunhofer WKL](#).
- COST-STSM-ECOST-STSM-FP0904-18051 1-007854 Short Term Scientific Mission, COST Action FP0904 at the [Aalto University](#), Finland. **Thermodynamic characteristics of surface densified wood**, 2011

Member of international peer evaluation committees of funding applications

- **Evaluator of EU Horizon 2020 and FP7 projects** - expert candidature number: EX2006C201804
- **Evaluator of Romanian national research projects** (calls in 2012, 2013, and 2014) - Peer reviewer - Romanian Government through the National Research Council ([CNCS](#))

Reviewer of scientific and scholarly journals and publication series

2012-2015: [Holzforschung](#), [Wood Science and Technology](#), [European Journal of Wood and Wood Products](#), [Wood and Fiber Science](#), [Advances in Polymer Technology](#), [Journal of Applied Polymer Science](#), [Journal of Forestry Research](#), [Bioresources](#), [The International Journal of Life Cycle Assessment](#), [Wood Material Science and Engineering](#), [iForest](#)

Appointed Supervisor of the PhD students

- Main supervisor: **Michael David Burnard**, University of Primorska, “**Wood as an element of restorative environmental design**”, 2013-2015
- Secondary supervisor: **Doroteja Vnučec**, [University of Maribor](#), “**Development of soy adhesive for bonding wood according to the principles of the concept of Cradle to Cradle**”, 2012-2014
- Secondary supervisor: **Boštjan Vimpolšek**, University of Maribor, “**Design and analysis of a model for management of wood, which is municipal waste**” 2012-2014

Appointed Supervisor of Master Theses:

- Co-supervisor: **Tomaž Kušar**, University of Ljubljana, 2012-2014.

Supervisor for Master's Theses (Bologna study programme)

- **Iza Petek Strazak**, Nature Conservation, University of Primorska, 2012-2014.
- **Liljana Rušnjak**, Nature Conservation, University of Primorska, 2012-2015.

Co-Supervisor for Undergraduate Theses

- **Simon Eržen**, Wood Science, University of Ljubljana, 2010-2014,
- **Igor Marušič**, Civil Engineering, University of Ljubljana, 2009-2014.
- **Matej Rozman**, Wood Science, University of Ljubljana, 2011-2014

Co-Supervisor for Undergraduate Theses (1st cycle Bologna study programme)

- **Marko Posavčević**, Biopsychology, University of Primorska, 2013-2014
- **Žiga Avguštin**, Wood Science, University of Ljubljana, 2012-2014
- **Matej Pfeifer**, Wood Science, University of Ljubljana, 2011-2013

PUBLICATIONS

In Researcher ID profile ([B-7745-2014](#)) there are 139 citations to 24 of Andreja Kutnar's publications ending up to h-index 7 (31.01.2015).