



## PERSONAL INFORMATION:

**Full Name:** Davood Rasouli

**Nationality:** Iranian

**Academic Level:** Ph.D.

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## EDUCATION:

Ph.D. in Wood and Paper Engineering from the University of Tehran

## RESEARCH INTEREST:

- Wood and Lignocellulosic Materials Preservation and Modification
- Utilization of Nanomaterials in Wood and Composite Preservation and Modification
- Wood-Plastic Composites
- New Lignocellulosic Products

## PUBLICATION:

Rasouli, D., Bahmani, M., & Humar, M. (2017). Impregnability of Paulownia and Populus wood with copper based preservatives. *Drvna industrija*, 68(3), 211-218.

Rasouli, D., Dintcheva, N. T., Faezipour, M., La Mantia, F. P., Farahani, M. R. M., & Tajvidi, M. (2016). Effect of nano zinc oxide as UV stabilizer on the weathering performance of wood-polyethylene composite. *Polymer degradation and stability*, 133, 85-91.

Rasouli, D., Karaj, I., & Enayati, A. A. Bonding quality of plywood made from Polypropylene as an adhesive.

Rasouli, D., Mashkour, M., & Hojati, Z. (2017). Effect of nano zinc oxide on physical and mechanical properties of wood plastic composites. *Iranian journal of Wood and Paper industries*, 8(1), 15-24.

Rasouli, D., Mohajer, F., Mastri Farahani, M. R., & Madhoushi, M. (2020). Effect of vegetable oils coatings containing UV absorbents on weathering resistance of Effect of vegetable oils coatings containing UV absorbents on weathering resistance of heat treated wood. *Iranian journal of Wood and Paper industries*, 11(3), 485-496.

Rasouli, D., Yousefi, H., & Mashkour, M. (2022). A study on the protective effect of nano zinc oxide against weathering of wood-polypropylene composite. *Iranian Journal of Wood and Paper Science Research*, 37(1), 17-27.

Mehrnaz Akbarnezhad, Davood Rasouli, Hossein Yousefi, Mahdi Mashkour Weathering Performance of Beech Wood Coated with Acrylic Paint Containing UV Stabilizers of Dihydroxy Benzophenone and Nano Zinc Oxide. *Drvna industrija*.2020

Ahangarkolaei, H. F., Mashkour, M., & Rasouli, D. (2023). Superparamagnetic wood-polypropylene nanocomposite made using magnetic wood flour with a nanoparticle-free surface. *Journal of applied polymer science*, 140(8), e53531.

Dahmardeh Ghalehno, M., Masteri Farahani, M., Madhoushi, M., Rasouli, D., Shakeri, A., & Ghasemi, E. (2018). Effect of weathering on Surface properties of HDPE-based wood plastic composites. *Iranian journal of Wood and Paper industries*, 8(4), 483-496.

Izee, S., Yousefi, H., Mashkour, M., & Rasouli, D. (2020). Fabrication and properties evaluation of three layered transparent nanocomposite reinforced with cellulose and chitin nanofibers. *Iranian journal of Wood and Paper industries*, 10(4), 495-505.

Izze, S., Yousefi, H., Mashkour, M., & Rasouli, D. (2018). Comparative study on the properties of nanopapers prepared from cellulose and chitin nanofibers. *Journal of Wood and Forest Science and Technology*, 25(3), 61-72.

Karbalaei, H., Tarmian, A., Rasouli, D., & Pourmahdian, S. (2022). Effects of UV-curing epoxy acrylate and urethane acrylate coatings incorporated with ZnO nanoparticles on weathering resistance of thermally modified timber. *Wood Material Science & Engineering*, 17(6), 868-877.

Moosavinejad, S. M., Madhoushi, M., Vakili, M., & Rasouli, D. (2019). Evaluation of degradation in chemical compounds of wood in historical buildings using FT-IR and FT-Raman vibrational spectroscopy. *Maderas. Ciencia y tecnología*, 21(3), 381-392.

#### ACADEMIC TEACHING EXPERIENCE:

- **Bachelor's Degree Courses:** Industrial Wood Protection, Wood Deterioration Factors, Wood Preservation and Modification, Basic Wood Preservation and Restoration, Wood Engineering Statistics, Wood Staining and Finishing
- **Master's Degree Courses:** Surface Coatings, Fluid Transport in Wood, Advanced Wood Preservation, Advanced Wood Modification, Wood Pests and Diseases.
- **PhD's Degree Courses:** Surface Coatings Technology

#### **SERVICE AND PROFESSIONAL MEMBERSHIP:**

- Deputy Chair of the Corresponding Technical Committee for ISO/TC 165 the International Standard

#### **AWARDS:**

- Top student in the undergraduate students
- Ranked first in national university entrance exam for M.Sc. degree in wood sciences and technology (2005)
- Ranked second in entrance exam for Ph.D. degree in wood sciences (2008)

#### **LANGUAGES:**

- Turkish: Mother tongue
- Persian: Fluent
- English: advance



Gorgan University of Agricultural  
Sciences & Natural Resources