

Siti Hanifah Mahdiyanti

Nagoya, Aichi, Japan

hani.mahdiyanti@gmail.com

[linkedin.com/in/siti-hanifah-mahdiyanti](https://www.linkedin.com/in/siti-hanifah-mahdiyanti)

Summary

Scientist in Training | Content Writer | Book-blogger

I am a wood scientist in training (PhD student) passionate about wood, tree, and nature, mixed with data science, coding, and blogging.

Wood chemistry, wood quality control, and wood degradation are my main work. But due to my internship and training, I am also interested in the wood supply chain.

Research interest: forestry, wood science, spectroscopic nondestructive testing for wood quality assessment, forest products, wood & timber processing, spectroscopic data analysis, applied optics, chemometrics, data science.

Experience



PhD Scholar

Nagoya University

Apr 2021 - Present (1 year 7 months +)

Blogger

Sudut Buku Hani

Aug 2013 - Present (9 years 3 months +)



Content Writer

Fastwork Technologies Indonesia

Apr 2020 - Aug 2021 (1 year 5 months)



Master Student

Nagoya University

Apr 2018 - Mar 2020 (2 years)

System Engineering of Biological Resource Laboratory | Department of Forest and Environmental Science | Graduate School of Bioagricultural Sciences



Summer Intern

Andeco Inc

Aug 2019 - Aug 2019 (1 month)

Main work: research

Wood traceability systems in South-East Asian Countries (Indonesia & Malaysia) | Feed import procedures in Japan for exporter | marché in Japan for pop-up stores project.



Research Student

Nagoya University

Oct 2017 - Mar 2018 (6 months)

System Engineering of Biological Resource Laboratory | Department of Forest and Environmental Science | Graduate School of Bioagricultural Sciences

Business Development Trainee

Dbest Furniture CV. Limase Laras

Dec 2015 - Feb 2017 (1 year 3 months)

Business | Communication | Internet | English | Wooden Furniture | Export | Exhibition | Trainee



Undergraduate Research Assistant

Universitas Gadjah Mada (UGM)

Dec 2013 - Nov 2015 (2 years)

Undergraduate Student Research and Teaching Assistant | Laboratory of Wood Formation and Quality Improvement | Field of Forest Product Technology | Faculty of Forestry



Undergraduate Student

Universitas Gadjah Mada (UGM)

Sep 2010 - Nov 2015 (5 years 3 months)

Faculty of Forestry | Field of Forest Product Technology | Specializing in Wood Science

Education



Nagoya University

Master's Degree, Agricultural Sciences in field of Forestry & Wood Science

2018 - 2020

Graduate School of Bioagricultural Sciences | System Engineering of Biological Resources Laboratory | Wood Quality and Spectroscopic Nondestructive Testing

Thesis: "Spectroscopy application on thermal degradation in wood"



Universitas Gadjah Mada (UGM)

Bachelor's Degree, Forestry

2010 - 2015

Department of Forest Product Technology | Laboratory of Formation and Development of Wood Quality

Undergraduate Thesis: "Yield and Physical Properties of Sulfate Pulp of Acacia mangium Heartwood and Sapwood from Merauke in Three Different Active Alkali Concentration"

Licenses & Certifications



EFSET Quick English Check - Score: Intermediate / Upper Intermediate (CEFR B1/B2) - EF Education First

Japanese Language Proficiency Test Level 4

Skills

Research • Wood Science • Systems Engineering • Data Analysis • Laboratory Skills • Scientific Writing • Spectroscopy • Chemistry • Business Development • Translation

Honors & Awards

Best Poster Award in JCNIRS Conference in Sapporo 2018 - Japan Council of Near-Infrared Spectroscopy (JCNIRS)

Nov 2018

Best Poster Presenter Award for Scientific Poster titled: 2D Correlation of NIR Spectroscopy for Thermally Degraded Wood

Best Oral Presentation Award in ANS2020 in Khon Kaen - Asian Near-Infrared (NIR) Symposium

Feb 2020

Best Oral Presentation Award with presentation title: Interpretation on 2D correlation data of NIR and visible-light spectroscopy in the study of wood thermal degradation

Scholarship grantee of JICA Innovative Asia - Japan International Cooperation Agency (JICA)

Oct 2017

MEXT U to U scholarship grantee - Japanese Government The Ministry of Education, Culture, Sports, Science and Technology

Apr 2021