Nelly Anna

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Nelly Anna, born in Binjai, North Sumatra, on June 10, 1981, is of Minangkabau descent and is the tenth of ten siblings. She is currently married to Drh. Rachmad Wahyudi, M.Si (Han), and they have been blessed with four children. Her higher education journey began with a Bachelor's degree (S.Hut) in the USU Faculty of Agriculture Undergraduate Program in Forestry, graduating in 2000. She then continued her education in Forestry Science at the Faculty of Forestry, IPB University, graduating in 2005 with a Master of Science (M.Si). After a few years, she chose to pursue her higher education at the same university and obtained a Doctorate (Dr.) in 2015.

During her undergraduate program, she received an educational scholarship from Pertamina. While pursuing her doctoral program, she was awarded a scholarship in the form of the Domestic Postgraduate Education Scholarship (BPPDN). Since 2008 until now, she has been working as a lecturer in the Forestry Program at the Faculty of Forestry, Universitas Sumatera Utara. From 2010 to 2015, she was entrusted with the role of assisting Vice Dean 1 of the USU Faculty of Agriculture in the field of education (as a special staff for Vice Dean 1). Then, in 2023, she was once again entrusted to assist Vice Dean III in the field of cooperation (as a special staff for Vice Dean 3).

Aligned with her expertise, she is entrusted to be one of the lecturers in the Forest Cultivation interest and teaches various courses such as forest biotechnology, tree breeding, dendrology, forest and land fires, forest pests and diseases, forest genetics, tree growth and wood quality, and basic forest protection. As a lecturer, she actively carries out the Tri Dharma (Three Missions) of Higher Education, including research and community service, with publications in various scientific works such as proceedings and reputable journals at national and international levels.

Publications

2026
Jurnal internasional bereputasi

Population structure and composition of a tropical Island forestcontaining the narrow endemic and critically endangered treeHopea bancana on Mursala island

NELLY ANNA

2026
Prosiding seminar internasional

Pre-treatment strategies to accelerate and improve the germination of red calliandra seeds (Calliandra calothyrsus Meissn.)

NELLY ANNA

2025
Jurnal internasional bereputasi

Integrated Analysis of Phenotypic, Physiological, and Biochemical Traits in Betula platyphylla Sukaczev Under Cold Stress Conditions

NELLY ANNA

2023
Jurnal internasional bereputasi

Physical, mechanical, and anatomical properties of 12 jabon (Neolamarckia cadamba) provenances wood in Indonesia

NELLY ANNA , ISKANDAR ZULKARNAEN SIREGAR , SUPRIYANTO , LINA KARLINASARI , DEDE J. SUDRAJAT

2021
Jurnal nasional terakreditasi

Morphological Diversity of Mindi (Melia azedarach) from Agroforestry System in North Sumatra, Indonesia

NELLY ANNA

2020
Jurnal internasional bereputasi

The growth, pilodyn penetration, and wood properties of 12 Neolamarckia cadamba provenances at 42 months old

NELLY ANNA , SUPRIYANTO , LINA KARLINASARI , ISKANDAR ZULKARNAEN SIREGAR , DEDE J. SUDRAJAT

2019
Jurnal internasional bereputasi

Genetic diversity of mindi (Melia azedarach) from community forest in deli serdang, north sumatra, Indonesia revealed by microsatellite marker

NELLY ANNA , ARIDA SUSILOWATI , RIDAHATI RAMBEY

2019
Jurnal internasional bereputasi

Genetic diversity of mindi (Melia azedarach) from community forest in deli serdang, north sumatra, Indonesia revealed by microsatellite marker

NELLY ANNA

2018
Jurnal nasional terakreditasi

Keragaman Genetik Pertumbuhan dan Hubungannya dengan Penetrasi Pilodyn pada Uji Provenansi-Keturunan Jabon (Neolamarkcia cadamba (Roxb) Bosser) di Parung Panjang, Bogor)

NELLY ANNA , ISKANDAR ZULKARNAEN SIREGAR , SUPRIYANTO , LINA KARLINASARI , DEDE J. SUDRAJAT

2026
Jurnal nasional

Uji Infeksi Cylindrocladium SP. Pada Klon Hibrid Eucalyptus Grandis X Eucalyptus Urophylla (Infection Test Cylindrocladium SP. on Hybrid Clones of Eucalyptus Grandis XÂ …

NELLY ANNA

2026
Jurnal nasional terakreditasi

Keragaman Genetik Pertumbuhan dan Hubungannya dengan Penetrasi Pilodyn pada Uji Provenansi-Keturunan Jabon (Neolamarkcia cadamba (Roxb) Bosser) di Parung Panjang, BogorÂ …

NELLY ANNA

2026
Jurnal nasional

UJI INFEKSI Phaeophleospora Spp. PADA KLON HIBRID Eucalyptus Grandis X Eucalyptus Urophylla

NELLY ANNA

2026
Jurnal nasional

Respon Eksplan Biji Gaharu (Aquilaria malaccensis Lamk.) Terhadap Pemberian 2, 4-D Secara In Vitro (Effect of Plant Growth Regulator 2, 4-D on Seed Explant A. malaccensis in vitro)

NELLY ANNA

2026
Jurnal nasional

Respon Cylindrocladium SP. Terhadap Fungisida Berbahan Aktif Mancozeb Secara in Vitro

NELLY ANNA

2026

Jurnal nasional

Uji Potensi Fungi Pelapuk Putih Pada Kayu Karet Lapuk (Hevea brasilliensis Muell. Arg) Sebagai Pendegradasi Lignin Test of Potential White Rot Fungi at Rotten Karet Wood (HeveaÂ …

NELLY ANNA

2026
Jurnal nasional

Analisis Asosiasi Daun Sang (Johannesteijsmannia Altifrons) Dengan Jenis-jenis Palem Di Resort Sei Betung, Taman Nasional Gunung Leuser, Kabupaten Langkat, Sumatera Utara

NELLY ANNA

2026
Jurnal nasional

Respon eksplan biji gaharu (Aquilaria malaccensis Lamk.) terhadap pemberian IAA secara in vitro

NELLY ANNA

2026
Jurnal nasional

Inventarisasi gulma pada tegakan tanaman muda Eucalyptus spp.(Weed inventory on stand of young Eucalyptus spp.)

NELLY ANNA

2026
Jurnal nasional

Reisolasi dan Identifikasi Fungi pada Batang Gaharu (Aquilaria malaccencis Lamk.) Hasil Inokulasi.

NELLY ANNA

2026
Jurnal nasional

Uji Infeksi Cylindrocladium SP., Terhadap Klon Hibrida Turunan Eucalyptus Grandis X Eucalyptus Urophylla

NELLY ANNA

2026
Jurnal nasional

Uji Infeksi Cylindrocladium sp pada Tiga Klon Hibrid Eucalyptus grandis x eucalyptus pellita

NELLY ANNA

2026
Jurnal nasional

Uji Potensi Fungi Pelapuk Putih Asal Batang Kayu Pinus (Pinus merkusii Jungh et de vriese) Sebagai Pendegradasi Lignin (Test of potential White Rot Fungi at Rotten Pine WoodÂ …

NELLY ANNA

2026
Jurnal nasional

Pengaruh Konsentrasi dan Frekuensi Aplikasi Pupuk Daun Cair Terhadap Pertumbuhan Bibit Aquilaria malaccencis Lamk.

NELLY ANNA

Researches

2024

Remnant Forest sebagai Kawasan Pelestarian Biodiversitas pada Bentang Antropogenik Sumatera Untuk Mendukung Resiliensi Ekosistem]

NELLY ANNA

2023

VARIASI PERTUMBUHAN DAN SIFAT-SIFAT DASAR KAYU JABON (Neolamarckia cadamba (Roxb.) Bosser) PADA SISTEM AGROFORESTRI

NELLY ANNA

2023

VARIASI PERTUMBUHAN DAN SIFAT-SIFAT DASAR KAYU JABON (Neolamarckia cadamba (Roxb.) Bosser) PADA SISTEM AGROFORESTRI

NELLY ANNA

2017

Penelitian Disertasi Doktor

PERTUMBUHAN DAN KUALITAS KAYU UJI PROVENANSI-KETURUNAN JABON (Anthocephalus cadamba Miq)

NELLY ANNA

Community Services

2025

MANGROVE PLANTATION FOR THE CONSERVATION OF BIODIVERSITY AND ENVIRONMENTAL SUSTAINABILITY

MOHAMMAD BASYUNI , NELLY ANNA

2025

PENANAMAN POHON MULTIGUNA SEBAGAI SALAH SATU ALTERNATIF SUMBER PANGAN DALAM RANGKA MENDUKUNG KETAHANAN PANGAN

NELLY ANNA