



UNIVERSITAS GADJAH MADA
FAKULTAS KEHUTANAN

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BERITA ACARA
HASIL SELEKSI BANTUAN PUBLIKASI BATCH 1
FAKULTAS KEHUTANAN UGM TAHUN ANGGARAN 2024
Nomor: 894/UN1/FKT1.3/KS/2024

Berdasarkan rapat Tim Riset dan Literasi hari Jumat tanggal Empat bulan Oktober tahun Dua ribu dua puluh empat, dengan ini Fakultas Kehutanan Universitas Gadjah Mada memutuskan “Hasil Seleksi Bantuan Publikasi *Batch* 1 Fakultas Kehutanan Universitas Gadjah Mada Tahun Anggaran 2024” yang dinyatakan dapat didanai dengan RKAT Dana Masyarakat Tahun Anggaran 2024 sebagai berikut:

Skema Bantuan Submit Manuskrip Hasil Penelitian Jurnal Internasional Terindeks

NO.	PENGUSUL	JUDUL	NAMA JURNAL
1.	Prof. Dr. Ir. Sri Rahayu, M.P.	Multi-locus molecular analysis of <i>Uromyces</i> infecting <i>Paraserianthes lophantha</i> subsp. <i>montana</i> in Indonesia	Studies in Fungi (Q3)
2.	Prof. Dr.Agr.Sc. Ir. Ragil Widyorini, S.T., M.T., IPU.	Properties of Binderless Oriented Strand Board Made from Oil Palm Trunk	Journal of Renewable Materials (Q2)
3.	Dr. Fanny Hidayati, S.Hut., M.Sc.	Use of a mechanistic wind damage risk model to select <i>Eucalyptus</i> clones resistant to stem breakage and uprooting in tropical plantations	Forest Ecology and Management (Q1)
4.	Budi Mulyana, S.Hut., M.Si.	Modeling of Forest Carbon Dynamics in Different Forest Management Scenarios: A case study on poplar and black locust plantations in Hungary	Journal Forestry Studies (Q3)
5.	Pandu Yudha Adi Putra Wirabuana, S.Hut., M.Sc.	Features of mangrove ecosystems after ten years of restoration on Flores Island, Indonesia	Scientific Reports (Q1)
6.	Pandu Yudha Adi Putra Wirabuana, S.Hut., M.Sc.	Energy storage of Indonesian forest community tree species employing allometry equations for designing next strategies	Frontiers In Forests And Global Change (Q1)
7.	Pandu Yudha Adi Putra Wirabuana, S.Hut., M.Sc.	Multi-criteria analysis for determining optimum planting design in cajuput stand development at Bojonegoro Forest Management Unit	Agroforestry Systems: (Q1)

8.	Pandu Yudha Adi Putra Wirabuana, S.Hut., M.Sc.	The allometric equations for estimating the leaf area index of community forest tree species	Floresta e Ambiente (Q3)
9.	Prof. Dr. Ir. Ganis Lukmandaru, S.Hut., M.Agr., IPU.	Effect of extractive removal on kraft pulp properties of Acacia aulacocarpa wood	Journal of Forest Science (Q2)
10.	Prof. Dr. Ir. Ganis Lukmandaru, S.Hut., M.Agr., IPU.	Pulp and Paper Properties From Acacia Crassicarpa Wood with Alkaline Process and Anthraquinone Addition	Cellulose Chemistry and Technology (Q3)
11.	Greitta Kusuma Dewi, S.Hut., M.Sc.	Water Resistance Ability and Mechanical Strength of Eco-Friendly Particleboard Made From Bamboo Waste and Maltodextrin-Based Adhesive	Drvna Industrija (Q3)
12.	Budi Mulyana, S.Hut., M.Si.	Forest Carbon Modeling in Poplar and Black Locust Short Rotation Coppice Plantation in Hungary	Jurnal Sylva Lestari (Q3)
13.	Dr. Ir. Johannes Pramana Gentur Sutapa, M.Sc.Forest.Trop	Conversion of Shoot Waste of Fast-Growing Teak into Activated Carbon and Its Adsorption Properties.	Journal of the Korean Wood Science and Technology (Q2)
14.	Dr. Ir. Johannes Pramana Gentur Sutapa, M.Sc.Forest.Trop	Improving the Calorific Value of Nyamplung (<i>Calophyllum inophyllum</i> L.) Seed Shell Pellets by Torrefaction Treatment for Their Use as a Renewable Energy Resource	Journal of the Korean Wood Science and Technology (Q2)
15.	Dr. Ir. Johannes Pramana Gentur Sutapa, M.Sc.Forest.Trop	Utilization of Sapwood Waste of Fast-Growing Teak in Activated Carbon Production and Its Adsorption Properties	Journal of the Korean Wood Science and Technology (Q2)

Skema Bantuan Publikasi Jurnal Internasional Terindeks Scopus/ISI Thompson

NO.	PENGUSUL	JUDUL	NAMA JURNAL
1.	Prof. Dr. Ir. Ganis Lukmandaru, S.Hut., M.Agr., IPU.	The potential application of cellulose acetate membrane for CO ₂ adsorbent	Environmental Technology (Q2)
2.	Prof. Dr.Agr.Sc. Ir. Ragil Widyorini, S.T., M.T., IPU.	Properties of Eco-Friendly Oriented Strand Board Produced from Oil Palm Trunk	Journal of Renewable Materials (Q2)

NO.	PENGUSUL	JUDUL	NAMA JURNAL
3.	Prof. Dr.Agr.Sc. Ir. Ragil Widyorini, S.T., M.T., IPU.	The Characteristics of Citric Acid-Bonded Composite Boards Produced from Alkaline-Modified Fibrovascular Bundle of Salacca Sumatrana Fronds	Journal of Natural Fibers (Q2)
4.	Prof. Dr. Ir. Ronggo Sadono, IPM.	Long-term assessment of historical disturbances in the dry land ecosystems of Mutis Timau Nature Reserve, East Nusa Tenggara, Indonesia	Forest Science and Technology (Q2)
5.	Dr. Rizki Arisandi, S.Hut.	Analysis of Lipophilic Constituents Related to Heartwood Formation in Young Swietenia mahagoni (L.) Jacq Trees	Journal of the Korean Wood Science and Technology (Q2)
6.	Dr. Rizki Arisandi, S.Hut.	Characterization of Extractive Composition in The Wood and Bark of Cajuputi (Melaleuca Cajuputi Subsp. Cajuputi Powell.) Grown in Gunungkidul, Indonesia	Wood Research (Q2)
7.	Ir. Emma Soraya, S.Hut., M.For., Ph.D., IPU.	Enhancing the estimation accuracy of above-ground carbon storage in Eucalyptus urophylla plantation on Timor Island, Indonesia, through higher spatial-resolution satellite imagery	Journal of Degraded and Mining Lands Management (Q3)
8.	Budi Mulyana, S.Hut., M.Si.	Exploring the Mediterranean tsunami research landscape: scientometric insights and future prospects	Geoenvironmental Disasters (Q1)

Skema Bantuan Publikasi Jurnal Nasional Terakreditasi SINTA 2

NO.	PENGUSUL	JUDUL	NAMA JURNAL
1.	Greitta Kusuma Dewi, S.Hut., M.Sc.	The Effect of Wood Species and Laminae Composition on the Properties of Cross-Laminated Beam Made from Community Forest Wood	JIK (S2)
2.	Greitta Kusuma Dewi, S.Hut., M.Sc.	Sifat Papan Partikel Bambu Petung dengan Perekat Berbasis Maltodekstrin pada Dua Metode Kempa (Properties of Petung Bamboo Particleboard with Maltodextrin-based Adhesive in Two Different Press Methods)	Jurnal Penelitian Hasil Hutan (S2)

Skema Bantuan Keikutsertaan dalam Seminar Nasional

NO.	PENGUSUL	JUDUL	SEMINAR
1.	Dr.Agr.Sc. Siti Hanifah Mahdiyanti, S.Hut., M.Agr.Sc.	Perubahan Warna Kayu Teras Mahoni Terdegradasi Panas Dengan Spektoskopi Near-Infrared	MAPEKI 2024
2..	Dr. Ir. Johannes Pramana Gentur Sutapa, M.Sc.Forest.Trop	Biomasa Sebagai Sumber Energi Terbarukan Peluang Peningkatan dan Pengembangannya	MAPEKI 2024
3.	Ir. Ananto Triyogo, S.Hut., M.Sc., Ph.D., IPM.	Status Kesehatan Tegakan Hybrid Eucalyptus pellita X E. urophylla di Hutan Pendidikan Wanagama I	MAPEKI 2024
4.	Greitta Kusuma Dewi, S.Hut., M.Sc.	Karakteristik Cross-Laminated Timber Akasia-Mahoni Pada Dua Tipe Sambungan Rekat Tepi	MAPEKI 2024
5.	Dr. Riska Dwiyanana, S.Pd.	Peningkatan Kualitas Perekat Alami Ramah Lingkungan untuk Produk Komposit Bambu	MAPEKI 2024

Skema Bantuan Keikutsertaan dalam Seminar Internasional

NO.	PENGUSUL	JUDUL	SEMINAR
1.	Prof. Dr. Ir. Sri Rahayu, M.P.	First report and characterization of <i>Fusarium circinatum</i> , the causal agent of pitch canker on <i>Pinus merkusii</i> in Indonesia	IUFRO 2024
2..	Dr. Ir. Rizki Arisandi, S.Hut.	Characterization of fiber dimensions and chemical properties of Acacia hybrid (<i>A. mangium</i> x <i>A. auriculiformis</i>) for pulp and papermaking in Indonesia	IWORS 2024
3.	Ir. Rini Pujiarti, S.Hut., M.Agr., Ph.D., IPM.	Quality and Bioactivity of Cajuput Oil Papua Variants Against <i>Escherichia Coli</i> Bacteria	IWORS 2024
4.	Budi Mulyana, S.Hut., M.Si.	Carbon negativity of black locust and poplar plantation in different management systems in Hungary	ICONART 2024

Skema Bantuan Pencetakan Buku Ilmiah

NO.	PENGUSUL	JUDUL
1.	Ir. Rini Pujiarti, S.Hut., M.Agr., Ph.D., IPM.	Menguak Perlebahan Dan Kearifan Lokal Madu Hutan Wanagama
2.	Prof. Dr. Erny Poedjirahajoe, M.P.	Analisis Ekologis Kelayakan Lokasi Persemaian Mangrove Permanen

Skema Penghargaan Program Pengabdian kepada Masyarakat

NO.	PENGUSUL	JUDUL
1.	Prof. Dr. Ir. Sri Rahayu, M.P.	Evaluasi Kesehatan dan Penilaian Risiko Pohon di Ruang Terbuka Hijau Percetakan PT Kanisius Yogyakarta

Skema Penulis Jurnal Produktif

NO.	PENGUSUL	JUDUL
1.	Prof. Dr.Agr.Sc. Ir. Ragil Widyorini, S.T., M.T., IPU.	<ol style="list-style-type: none">1. Selected Properties of Particleboard Made from Sugar Palm (<i>Arenga pinnata</i>) Dregs (J. Korean Wood Sci. Technol), Q22. The Characteristics of Citric Acid-Bonded Composite Boards Produced from Alkaline-Modified Fibrovascular Bundle of <i>Salacca Sumatrana</i> Fronds (Journal of Natural Fiber), Q23. Properties of Eco-Friendly Oriented Strand Board Made from Oil Palm Trunk (Journal Renewable Materials), Q2
2.	Ir. Ananto Triyogo, S.Hut., M.Sc., Ph.D., IPM.	<ol style="list-style-type: none">1. Diversity of Collembola on Various Post-Rehabilitation Land Covers (Jurnal Manajemen Hutan Tropika), Q22. The Influence of Land Management on Soil Mite (<i>Acari: Oribatida, Prostigmata, and Mesostigmata</i>) Communities as Bioindicators for Environmental Conditions (Jurnal Manajemen Hutan Tropika), Q2
3.	Dr. Fanny Hidayati, S.Hut., M.Sc.	<ol style="list-style-type: none">1. Sifat Fisika dan Mekanika Kayu <i>Acacia aulacocarpa</i> dari KHDTKWanagama (Jurnal Ilmu Pertanian Indonesia (JIPI)), S22. Use of a mechanistic wind damage risk model to select <i>Eucalyptus</i> clones resistant to stem breakage and uprooting in tropical plantations (Forest Ecology and Management), Q1

NO.	PENGUSUL	JUDUL
4.	Budi Mulyana, S.Hut., M.Si.	<ol style="list-style-type: none"> 1. Three decades of forest carbon dynamics modeling using CO2FIX: A Bibliometric analysis (Evergreen), Q3 2. Forest carbon modeling in poplar and black locust short rotation coppice plantation in Hungary (Jurnal Sylva Lestari), Q3
5.	Dr. Ir. Rizki Arisandi, S.Hut.	<ol style="list-style-type: none"> 1. Characterization of extractive composition in the wood and bark of cajuputi (<i>Melaleuca cajuputi</i> Subsp. <i>cajuputi</i> Powell.) grown in Gunungkidul, Indonesia (Wood Research), Q2 2. Analysis of lipophilic constituents related to heartwood formation in young <i>Swietenia mahagoni</i> (L.) jacq trees (Journal of the Korean Wood Science and Technology), Q2 3. Characterization of lipophilic extractives in the wood of <i>anthocephalus cadamba</i> and <i>anthocephalus macrophyllus</i> from progeny trial (Journal of Wood Chemistry and Technology), Q2 4. Chemical constituents of <i>Melaleuca leucadendron</i> Linn. leaf essential oils quality under different collecting times in KPH Yogyakarta, Gunungkidul, Indonesia (Indonesian Journal of Forestry Research), Q3
6.	Prof. Dr. Ir. Ronggo Sadono, IPM.	<ol style="list-style-type: none"> 1. Enhancing land cover and carbon storage through rehabilitation of degraded lands into Wono: a case study of a small-scale private forest in Dengok Village, Gunungkidul, Yogyakarta, Indonesia (1972-2021) (Journal of Degraded and Mining Lands Management), Q3 2. Enhancing the estimation accuracy of above-ground carbon storage in <i>Eucalyptus urophylla</i> plantation on Timor Island, Indonesia, through higher spatial-resolution satellite imagery (Journal of Degraded and Mining Lands Management), Q3
7.	Dr.rer.nat. Ir. Sena Adi Subrata, S.Hut., M.Sc., IPU.	<ol style="list-style-type: none"> 1. Rusa deer microbiota: the importance of preliminary data analysis for meaningful diversity comparisons (International Microbiology), Q2 2. Genetic variation of the native Rusa deer (<i>Rusa timorensis</i>) in Java and Bali (Indonesia) as revealed using non-invasive sampling (Biodiversitas), Q2

NO.	PENGUSUL	JUDUL
8.	Ir. Widyanto Dwi Nugroho, S.Hut., M.Agr.Sc., Ph.D., IPM.	<ol style="list-style-type: none"> 1. Physical and Mechanical Properties of 20-Year-Old Clonal Teak Trees in Ngawi, East Java, Indonesia (J. Korean Wood Sci. Technol.), Q2 2. Changes in anatomical characteristics of <i>Falcataria moluccana</i> wood due to <i>Uromygladium tepperianum</i> infection (Southern Forests: a Journal of Forest Science), Q3 3. Determination of the Boundary between Juvenile–Mature Wood of <i>Diospyros kaki</i> and Their Wood Anatomical Variations (J. Korean Wood Sci. Technol.), Q2 4. Minimum invasive sampling method using hollow punch for tropical wood identification on Indonesian cultural heritage (Ge-Conservacion), Q1
9.	Dr. Ir. Johannes Pramana Gentur Sutapa, M.Sc.Forest.Trop	<ol style="list-style-type: none"> 1. Torrefaction for Upgrading the Quality of Merbau Wood Waste Pellet (Journal of Environmental Research, Engineering and Management), Q3 2. Utilization of Sapwood Waste of Fast-Growing Teak in Activated Carbon Production and Its Adsorption Properties (Journal of the Korean Wood Science and Technology), Q2 3. Improving the Calorific Value of Nyamplung (<i>Calophyllum inophyllum</i> L.) Seed Shell Pellets by Torrefaction Treatment for Their Use as a Renewable Energy Resource (Journal of the Korean Wood Science and Technology), Q2 4. Conversion of Shoot Waste of Fast-Growing Teak into Activated Carbon and Its Adsorption Properties (Journal of the Korean Wood Science and Technology), Q2

Yogyakarta, 9 Oktober 2024

a.n. Dekan,

Wakil Dekan Bidang Penelitian,

Pengabdian kepada Masyarakat, dan Kerja Sama,



Prof. Ir. Widiyatno, S.Hut., M.Sc., Ph.D., IPM.

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