

2025

NO.	RESEARCHERS	TITLE	AMOUNT (MYR)
1	Affendy Hassan (PI)	Root distribution dynamics in monocropping and intercropping forest systems via metabarcoding techniques	7,000
2	Rafidah Bt Md.Salim (PI)	Analysis of lignin extracted from wood and bark on stem, branch, root and twigs <i>Rhizophora apiculata</i> tree	6,000
3	Muhammad Azmil Bin Abdul Razak (PI)	Comparative analysis of species composition, biodiversity and aboveground biomass in the mangrove forests of Kota Kinabalu Wetland and Darau Wetland	6,000
4	Walter Lintangah (PI)	Interaction between forest and local community health in Crocker Range Park, Sabah	6,000
5	Dayang Nur Sakinah Binti Musa (PI)	Assessment of firefighter readiness in Binsuluk, Forest Reserve, Sabah	6,000
6	Rhema Debully Maripa (PI)	Tree health and canker disease of Urban tree populations in Kota Kinabalu City, Kota Kinabalu	6,000
7	Rhema Debully Maripa (PI)	Ethonobotanical knowledge of Kota Belud Geopark Community Sabah	6,000
8	Russel@ Andy Immit Mojiol (PI)	Assessment of terrestrial mammals along the nature trail: Comparison of Mount Kinabalu and Mount Trusmadi that support ecological balance of mountainous forest	6,000
9	Rhema Debully Maripa (PI)	Comparative analysis of different brewing methods for compost tea from landscape waste	6,000
10	Maria Lourdes T. Lardizabal (PI)	Impact of insect herbivory on seedling survival and growth in Sabah's Forest restoration efforts	7,000
11	Russel@ Andy Immit Mojiol (PI)	Human-wildlife conflict and mammalian resource use: Implications for community livelihoods and ecosystem services in the Crocker Range Biosphere Reserve	6,000
12	Kartini Saibeh (PI)	Kajian morfologi bunga dan serangga pelawat genus <i>Ooia</i> Spp. (Araceae) di Sabah	6,000
13	Go Wen Ze (PI)	Unveiling the Potential of Soil <i>Mycloflora</i> and Actinomycetes as Biocontrol Agents Against <i>Ceratocystis manginecans</i> in <i>Eucalyptus pellita</i>	34,498
14	Nur Fadlunnisaa' Binti Wakimin (PI) Affendy Hassan Thamer Abdulrahman Tabet	Exploring Green Halal Tourism Through Agroforestry Landscapes and Plantation-Based Destinations Comparative Insights from Indonesia dan Malaysia	10,000
15	Robin Lim Ah Hee (PI)	Penggandaan Koloni Lebah Tantan Komuniti Tertumpu, Kg. Kiau Kota Belud	40,000
16	Kamlisa Uni Kamlun (PI) Rhema Debully Maripa	Pengurusan dan Pembangunan Ekopelancongan di Kawasan Rizab Biofera Banjaran Crocker, Sabah, Malaysia	17,500
17	Dayang Nur Sakinah Binti Musad (PI) Kamlisa Uni Kamlun Hardawati Yahya	Evaluation of Pre-Fire Preparedness of Initial Attack Crew Readiness in Binsuluk Forest Reserve	7,000
18	Rhema Debully Maripa (PI)	The Water Potential, Relative Water Content and Leaf Trait of Selected Tree Species at Different Niche	7,000
19	Thamer Abdulrahman Thabet (PI) Affendy bin Hassan Mandy Maid Julius bin Kodoh	Climate Adaptation of Acacia mangium Species in Sabah Malaysia Using Structure Equation Modelling (SEM)	7,000
20	Muhammad Azmil Bin Abdul Razak (PI) Berhaman Ahmad	Species composition, biodiversity and aboveground biomass in the Kota Kinabalu Wetland Mangrove Forest	7,000
21	Nur Syazwana Binti Munzani (PI)	Identifying identity hotspots and determining conservation status in Danum Valley	7,000
22	Rosmalina Binti Abdul Rashid (PI)	Promoting Ecotourism through Urban Wildlife Conservation at UMS: The Potential of Squirrel Boxes to Support Biodiversity	7,000

23	Shirley Marylinda Bakansing (PI)	Comparative of Agarwood Formation after inoculation treatment using fungus and endophyte bacteria as inoculant for inducing agarwood in <i>Aquilaria malaccensis</i> tree	7,000
24	Muhmammad Fadzil Bin Amram (PI)	Biocoustics and species biodiversity of Anuran (Frogs and Toads) in Universiti Malaysia Sabah, Kota Kinabalu	7,000
25	Normah Awang Besar @Raffie (PI) Phua Mui How Elia Binti Godoong Gs Wilson Wong Yun Chiong Anand Nainar Kamlisa Uni Binti Kamlun Siti Fatimah Binti Md Isa Nor Aifat Binti A.Rahman Walter Lintangah Hamimah Talib Wilter Malandi @ Azwal Aziz Julius Bin Kodoh Ag. Ahmad B. Mohd. Yunus	Feasibility Study on ESG Carbon Credit in Kampung Kiau, Kota Belud Sabah	50,000
26	Nor Aifat A. Rahman (PI)	Positional Behaviour and Habitat Use of Red Leaf Monkey, <i>Presbytis rubicunda</i> in Tawau Hills Park, Tawau Sabah	15,000

2024

NO	RESEARCHERS	TITLE	AMOUNT (MYR)
1	Hairul Hafiz Bin Mahsol (PI)	The Potential of Sabah's Endemic Freshwater Fish as Ornamental Fish	11,000
2	Hairul Hafiz Bin Mahsol (PI)	Taxonomy And Diversity of Ectoparasites Among Small Mammals At SFERA@UMS	11,000
3	Ismawati Palle (PI)	Influence of Phenol Formaldehyde Impregnation on The Physical, Mechanical and Durability Properties of Laran Plywood	11,000
4	Hamimah Talib (PI)	Keberkesanan Penyediaan Kemudahan Taman Rekreasi Di Kota Kinabalu Berdasarkan Pelan Induk Landskap Kota Kinabalu 2002: Kajian Kepuasan Dan Kepentingan Pengguna	11,000
5	Muhammad Aizat Bin Abd Ghani (PI)	Understanding The Physico-Mechanical Properties, Taxonomical and Species Distribution of Bamboo in The West Coast Division, Sabah and Its Relation to Ecological Factors	11,000
6	Anand Nainar (PI)	Characterizing Climate Fluctuations in a Tropical Montane Cloud Forest (TMCf) for the purpose of Fog Predictions.	20,000
7	Siti Fatimah Md Isa (PI)	Assessing the Current Population Status of <i>Eusideroxylon zwageri</i> Teijsm. & Binn. in Sepilok and Tawai Forest Reserve, Sabah.	20,000
8	Maria Lourdes T. Lardizabal (PI)	Rapid Butterfly and Bee Diversity Assessment at Koshii Tree Plantation, Sook Keningau Sabah	31,600
9	Nor Aifat Binti A. Rahman (PI)	Biodiversity Assessment of Class Mammalia, Birds and Plant Diversity (Harvested Area) at KM Hybrid Area, Sook Keningau Sabah	64,300
10	Siti Fatimah Md Isa (PI)	Establishment of Orchid Hotspot for Ultramafic Orchid in Kinabalu UNESCO Global Geopark	30,270
11	Maria Lourdes T. Lardizabal (PI)	Biodiversity Assessment of Fauna at Forest Restoration Project at Sapong Estate, Tenom Sabah	26,600
12	Siti Fatimah Md Isa (PI)	Vegetation Mapping and Assessment of Flora Biodiversity at Forest Restoration Project in Sapong Estate, Tenom Sabah	20,600
13	Muhammad Azmil Bin Abdul Razak (PI)	Assessing Tree Growth and Survival Rates in Sapong Sabah: A Comparative Study	32,800

14	Normah Awang Besar @Raffie (PI) Elia Godoong	The Effect of Altitude Zonation of Forest Carbon Stock and Carbon Sequestration Potential in Tropical Rainforest, Borneo Malaysia	188,479
15	Siti Fatimah Md Isa (PI)	Phytochemical Composition and Antioxidant Activities of Angel Orchid (<i>Dendrobium anosmum</i> Lindl.)	10,000
16	Siti Fatimah Md Isa (PI)	Diversity Assessment of Orchidaceae in Selected Trails of Kinabalu Park, Sabah, Malaysia	10,000
17	Rafidah Md Salim (PI)	Thermophysical Properties of Wood Pellet Made from <i>Acacia mangium</i> Panel Residues	10,000
18	Liew Kang Chiang (PI)	A Study on Physical and Mechanical Performance Of Borax-Treates and Densified Cross-Laminated Bamboo (CLB)	10,000
19	Mandy Maid (PI) Russel@ Andy Immit Mojiol Walter Lintangah Muhammad Aizat Abd Ghani Dayang Nur Sakinah Musa Julius Kodoh Ag Ahmad Bin Mohd Yunus	Forestry Living Lab: Jawala	30,000
20	Hamimah Talib (PI)	Nature Tourism Resource Inventory in Sg. Pin Conservation Area (Spnca)	50,000
21	Liew Kang Chiang (PI)	Basic Statistics 101	5,000

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NO	RESEARCHERS	TITLE	AMOUNT (MYR)
1	Normah Awang Besar @Raffie (PI)	Forestry Living Lab SFERA@UMS	90,000
2	Hairul Hafiz Bin Mahsol (PI) Azniza Binti Mahyudin	Prevalence Of Parasitic Infection Among Fishes In Lower Darau River, Kota Kinabalu Sabah	20,000
3	Nor Aifat Binti A. Rahman (PI) Russel@ Andy Immit Mojiol	Uncovering New Insights Into The Behavioural Ecology Of Silvery Langur, <i>Trachypitecus cristatus</i> in Kinabatangan Wildlife Sanctuary	20,000
4	Phua Mui How (PI) Normah Awang Besar @Raffie Wilson Wong Vun Chiong Siti Fatimah Md Isa	Study For Visualization Of Environmental Contribution By Afforestation/Reforestation Activities In Sabah Malaysia	105,000
5	Wilson Wong Vun Chiong (PI) Russel@ Andy Immit Mojiol	Assessing The Role Of Enrichment Planting In A Large-Scale Tropical Rainforest Restoration Project Using Time Series Datasets	20,000
6	Liew Kang Chiang (PI)	Effect of Heat Treatment and Densification of Cross-Laminated Timber Made From Low Density <i>Paraserianthes falcata</i> on Fire Properties	15,000
7	Affendy Hassan (PI)	Above and Below Ground Interactions of Indigenous and Fast Growing Species in Sandakan, Sabah	15,000
8	Normah Awang Besar @Raffie (PI)	Estimation on total Carbon Stock in <i>Neolamarckia cadamba</i> Stand at Sabah, Malaysia	15,000
9	Normah Awang Besar @Raffie (PI)	Carbon Sequestration Potential in Maliau Basin Forest Conservation Area, Sabah, Malaysia	20,000
10	Elia Godoong (PI)	Population Distribution of Bornean Orangutans (<i>Pongo pygmaeus morio</i>) in Regenerating forests in Sabah, Malaysian Borneo	20,000
11	Rafidah Bt Md.Salim (PI)	Antioxidant and Antimicrobial Activity of Extracts from Different Parts of Bidara Tree (<i>Ziziphus mauritiana</i> Lam.) Antioxidant and Antibacterial Properties of <i>Ziziphus mauritiana</i> Extracts Derived from Native Bidara (<i>Ziziphus mauritiana</i>) Trees.	15,000

12	Kartini Saibeh (PI)	Kerentanan Tumbuhan Keladi (Araceae) berdasarkan Ekologi dan Aktiviti Sosioekonomi Komuniti di Taman Kinabalu, Sabah	20,000
13	Jepthe Sompud (PI)	Ecology of Sunda Pangolin (<i>Manis javanica</i>) in Sepanggar Hill	15,000
14	Anand Nainar (PI)	Integrated Assessment of Forest, Biodiversity, water Resource and Carbon Stock in The Sustainable Forest Education and Research Area UMS (SFERA@UMS)	135,000
15	Berhaman Ahmad (PI)	Forestry Living Lab: Jawala	100,000

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NO	RESEARCHERS	TITLE	AMOUNT (MYR)
1	Affendy Hassan (PI)	Root Phenotyping of Cocoa Clones for Commercial Seedlings for Production	108,060
2	Liew Kang Chiang (PI) Rafidah Bt Md Salim	Flammability Properties of Cross-Laminated Timber Manufactured from Densified Planted Low-Density Timber of <i>Paraserianthes falcataria</i>	139,016
3	Siti Fatimah Md Isa (PI)	Diversity of jewel orchids from the Crocker Range Park Sabah	30,000
4	Berhaman Ahmad (PI)	Restoration of Forest Biodiversity, Carbon Sequestration and Enhancement of Ecosystem Services Within the Conservation Set Asides of the Sandakan Bay Estates	2,000,000
5	Kartini Saibeh (PI)	The Rapid Vulnerability Assessment of Keladi (Araceae) in Kinabalu Park, Sabah	90,120

2021

NO	RESEARCHERS	TITLE	AMOUNT (MYR)
1	Normah Awang Besar @Raffie (PI) Affendy Hassan Kamlisa Kamlun	Cocoa-Based Agroforestry with Selected Fast Growing Trees Plantation in Sabah	70,000
2	Elia Godoong (PI)	Bancian, Survei dan Taburan Populasi Spesis Halia Liar (Tuhau) di Kawasan Konservasi Lembah Danum, Lembangan Maliau, Kanyon Imbak Dan Pemuliharaan Hutan di Sabah Serta Percambahan dan Tumbesaran di Tapak Semaian	500,000
3	Phua Mui How (PI) Wilson Wong Yun Chiong	Research to Develop Forest Aboveground Carbon Density (AGCD) Mapping for Incentive Payment in REDD+ Carbon Project in Sabah Under the EU REDD+ Project	74,700
4	Affendy Hassan	Upscaling and Field Testing of Fertilizer Spreader Machine for Plantation Scale	277,750
5	Wilter Malandi @ Azwal Aziz (PI) Berhaman Bin Ahmad Colin Ruzelion Maycock	The Ecological Impacts of Domestic and Subsistence Use by Local Community in Sub-Montane Forest Patches (MFP), Monteki Kundasang	29,500
6	Roziela Hanim Alamjuri (PI) Ismawati Palle	The Efficacy of <i>Acacia mangium</i> Tannin-Based Preservatives Against Pycnoporous sanguineus (White Rot) Attack	30,000
7	Mohd. Abdullah Bin Abd. Ghani (PI) Colin Ruzelion Maycock	Identification Of Old-Growth Forest Structure Characteristic and Forest Age Estimation Using Growth-Age Modelling in Pulau Tiga National Park	29,788
8	Musri Bin Ismenyah (PI) Walter Lintangah Russel@ Andy Immit Mojiol	Rehabilitation and Ecological Restoration Impact on Forest Structure and Aboveground Carbon Storage at Post-Fire Peat Swamp Forest	30,000
9	Rafidah Bt. Md Salim (PI) Liew Kang Chiang Mandy Maid Shirley Bakansing Jansah Bin Moktar	Phytochemical Constituents, Antioxidant and Antimicrobial Activities of Extracts from Different Parts of Native Bidara (<i>Ziziphus mauritiana</i>) Trees	29,890

10	Elia Godoong (PI) Walter Lintangah Russel@ Andy Immit Mojiol Julius Kodoh	Restoration and management of Petagas and Putatan Riparian vegetations, Putatan District, Sabah, Malaysia	119,972.50
11	Elia Godoong (PI)	Meningkatkan Kualiti Ekosistem Tadahan Air Menggunakan Pendekatan Restorasi dan Rehabilitasi Ekologi di Kg. Batition, Kota Marudu	36,630
12	Russel@ Andy Immit Mojiol (PI)	Impact Assessment on the Establishment of Artificial Salt-Licks for Wildlife Monitoring and Management at Kawang Forest Reserve	32,900
13	Hardawati Yahya (PI) Walter Lintangah	Comparative evaluation of resilience on food security and nutrition among forest-dependent communities and associated home garden characteristics during the COVID-19 pandemic in Sabah	92,750
14	Janshah Bin Moktar (PI) Liew Kang Chiang	The Proximate Analysis of Wood Pellets Made From Woody Biomass of Mix Hardwood Veneer Residual and Palm Oil Plantation Residual (Oil Palm Trunk and Empty Fruit Bunches)	24,810
15	Mandy Maid (PI) Walter Lintangah	Peningkatan Dalam Pengeluaran Produk, Maklumat Pemasaran dan Pembungkusan Produk Tuhau-Liposu	17,000

Note: Some projects may involve researchers from other institutions/organisations. Only the Principal Investigator (PI) and researchers from the Faculty of Tropical Forestry are listed.