

Recent Post Graduands with Theses Titles and Supervisors

GRADUATION - 2018				
Name	Department	Program	Thesis Title	Supervisor (s)
Lawrence Hillary LEWIS	AGRICULTURE	PhD	The use of <i>Acacia mangium</i> in the Rehabilitation of Mined out site at Hidden Valley in Papua New Guinea	Prof. M. Hossain and Dr R Rao
Rokotamana VITINAQAILEVU		MPhil	Cocoa Pod Waste Composting: Quantification of Ammonia Loss and Effect of Amendments	Dr R Rao
Ilisapeci Naomi Lesikiseaqaqa BATISARISARI		MSc	Productivity and Socio-Economic Factors Influencing Income of Taro Farmers in Taveuni, Fiji	Dr P Manus
Magero NURRIE		MSc	Effects of indigenous strains of <i>Metarhizium anisopliae</i> (Metschkinkoff) Sorokin on sweet potato weevil, <i>Euscepes batatae</i> (Fairmaire [Coleoptera Curulionidae]).	Dr R Dotaona and Mr R Kei
Murphy YOMI		MSc	Validation of a Nitrogen Dilution Curve for Sweet Potato [<i>Ipomoea batatas</i> (L.) LAM] Crop	Dr R Rao
Korongia MATHIAS	APPLIED PHYSICS	MSc	Determination of Sediment Distribution into the New Tidal Basin of Lae Port	Dr O Renagi
Murray Matarab KONZANG	CIVIL ENGINEERING	MPhil	Impact on the Accessibility and Mobility of Traffic Caused by Development of Four Lane Highway and New Port Development Project	Dr M Betasolo and Prof Y Telue
Jeremiah IKO	COMMUNICATION AND DEVELOPMENT STUDIES	MCS	Problems, Challenges and Communication Issues Faced by Rural Cocoa Farmers in Papua New Guinea: A Case Study of Wareo Villages of Kâte Local Level Government (LLG) Area in Finschhafen District, Morobe Province, Papua New Guinea in 2017	Dr R Orake
Nagjob JESSE		MCS	A Communication System for Facilitating Downstream Processing of Locally Grown Rice: A case study of Yabim-Mape LLG in the Finschhafen District of the Morobe Province	Dr A Yarapea
Andrew Chengituo WIAVI		MCS	Development Communication for Participatory Community in Mine Impacted Communities of Papua New Guinea: The	Prof E Gilder

			case of Ok Tedi Development Foundation and the CMCA Regions.	
Ian Wrasause YENGI		MCS	Sustainable Development: A Strategic Communication Model for Sepik Plain Oil Palm Project	Dr R Orake
Joseph FISHER	ELECTRICAL AND COMMUNICATION ENGINEERING	PhD	Severe Electric Storms and their Static and Dynamic Interactions with Low Flying Aircraft	Prof P. Hoole; Prof K Pirapharan and Prof. S Hoole
Joram SETH	MECHANICAL ENGINEERING	MTech	Feasibility Study of Mini Hydro Power Plant for Six Villages in Eastern Highlands Province	Dr S Wahid
Catharine Rupa IGO	SURVEYING AND LAND STUDIES	MPhil	Application of GIS and Remote Sensing Technology to Identify Crime Hotspot & using Crime Prevention Through Environmental Design: A Study of the Papua New Guinea University of Technology, Lae	Dr S K Jana and Dr P Cozens
Francis James IRARA		MSc (RS & GIS)	Using Geographic Information System & Remote Sensing to detect changes for holistic and harmonious urban development planning in Small Island Development States Coastal Town: A case study of Madang Town in Papua New Guinea	Mr L Kari and Mr J Soat
Colleen JACKSON		MSc (RS & GIS)	Selecting an Optimum Route Using Remote Sensing and GIS: A case study for Kaintaba-Asaki missing link	Mr L Kari
Maman Bokath TAVUNE		MSc (RS & GIS)	Using GIS and Remote Sensing for Land use/Land cover Classification and Change Detection: A case study of Oomsis Concession Area, Morobe Province, PNG	Mr L Kari
Pedro PUMUYE		MSc (RS & GIS)	Identifying and Mapping of Potential Landslide Zones along the Okuk-Highlands Highway, Papua New Guinea - using Remote Sensing and GIS	Dr S K Jana
Perry MALAN		MSc (RS & GIS)	Developing a Model Approach for Assessing Levels of Deforestation and Forest Degradation for Addressing REDD plus in PNG	Dr S Samanta
GRADUATION 2017				
Brian TAKOBY	AGRICULTURE	MPhil	Symbiotic Bacteria of Entomopathogenic Nematode as Biopesticide against Cocoa Pod Borer, <i>Conopomorpha cramerella</i> (Snellen)	Dr M. Maino

Burie BOGAN		MPhil	Factors Influencing Smallholder Sweet Potato Marketing Costs, Margins & Efficiency in Two Major Distribution Centers in Papua New Guinea	Dr P Manus
Malcolm KABIWAGA		MSc	Investigating Wild Swamp Rice (<i>Lersia hexandra</i>) Diversity in Papua New Guinea	Dr T Okpul
Aloma MOTAMOTA		MSc	Study of <i>Colletotrichum</i> spp. Causing Anthracnose Disease on Yam (<i>Dioscorea alata</i>)	Dr M Maino
Melanie PITIKI		MSc	Isolation, identification and Evaluation of Prevalent Fungal Endophytes for Agarwood Induction in Eaglewood Tree Species of Papua New Guinea	Dr M Maino and Dr T Okpul
Zina BIRD		MSc	Dietary Patterns of Households in West Taraka Peri-urban Settlement in Lae, Morobe Province, Papua New Guinea	Dr V Bue
Priscilla POLONA		MSc	Broiler Production by Smallholders in Eastern Highlands Province of Papua New Guinea	Dr K Elahi
Phillip KAUPA	APPLIED SCIENCES	MPhil	Removal of Heavy Metals Species from Water Using Peels of Tuber and Root Products as Simple and Cost-Effective Purification Method	Dr J Gopalakrishnan
Carl Anthony SMITH	CIVIL ENGINEERING	MPhil	Sustainable Rainwater Harvesting System (SRHS) - In Lae City - A Model for Papua New Guinea	Dr M Betasolo
Justin Severin KEHATSIN	COMMUNICATION AND DEVELOPMENT STUDIES	PhD	Unlocking Conflicts in Public Universities in Papua New Guinea	Dr G Sali and Prof E Gilder
Willie PILAILO		MCS	The Challenge of Preventing Violence against Women in Lae City: Communicating an Integrated Approach of Engaging Men as Partners in Prevention of Gender Based Violence	Dr G Sali and Dr A Yaraepa
Richard Paul KOTTSON		MCS	Using Effective Communication to Address Learning Barriers at UPNG Distant Learning Institutions: A Case Study of UPNG Open College (Morrobo, Kainanto, and Mt hagen)	Dr A Yaraepa and Prof E Gilder
Andrian SANGUNDI		MCS	A Case Study in Identifying Factors That Force Boys into the Streets of Lae City: A Platform Towards Developing an Appropriate Communication Strategy in Assisting Children Being Responsible.	Dr R Orake and Dr A Yaraepa

Joshua YUANKO	ELECTRICAL AND COMMUNICATIONS ENGINEERING	MPhil	Model of a Smart Energy Control System for Palm Oil Processing Plant Using Hybrid Fuzzy-PID Controllers	Prof K Pirapaharan
Cassidy KAUSIK	FORESTRY	PGD	Factors Affecting Food Plant Utilization of <i>Omithoptera goliath</i> (Goliath Birdwing) in Gumi Village, Morobe Province, Papua New Guinea	Dr L Orsak
Stephanie KONTS	MECHANICAL ENGINEERING	M Tech	Effects of Marine Corrosion at Old Loading Structure of Lae Port	Prof N Lambrache
Justiniano Salvador GUTERRES		M Tech	Static Torsional Stress Simulation and Experimental Evaluation on Mechanical Components	Prof N Lambrache
Victor Sao HOASIRAO		M Tech	Design Optimization on Alluvial Gold Suction Dredges	Prof N Lambrache
Tingneyuc SEKAC	SURVEYING AND LAND STUDIES	MPhil (Geomatics)	GIS and Remote Sensing Approach in Earthquake Hazard Assessment and Monitoring in the Momase Region of Papua New Guinea	Dr SK Jana and Dr I Pal
Wesley TAPULU		MPhil (Geomatics)	Preliminary Site Selections for Small- Scale Hydro Power Developments Using Integrated Remote Sensing and GIS Technology in Bulolo, Morobe Province, Papua New Guinea	Dr SK Jana and Mr L Kari
James SENIELA		MPhil (Property Studies)	An Evaluation of The Current Affordable/Public Housing Initiatives for Resolving Housing Crisis in Papua New Guinea - A Case Study of Port Moresby and Lae Cities.	Prof J Babarinde and Mr S Holis
Paulus MOTORO		MPhil (Property Studies)	A Comparative Analysis of Residential Property Markets in Informal settlements and Formal Residential Areas of Port Moresby and Lae.	Prof J Babarinde and Mr S Holis
Josiah JOSEPH		MSc (RS & GIS)	Developing a Dwelling-Level GIS Database for Planning and Management of Census Data Collection. Study Area: Gerehu Suburban, National Capital District an Rigo Central Rural LLG, Central Province.	Mr S Gupta
John WANI		MSc (RS & GIS)	Use of Remote Sensing & GIS for Mapping Crime and Crime Hotspots in Port Moresby form 2014 - 2015	Mr L Kari

Nicholas KORADA		MSc (RS & GIS)	Delineating Drought-Risk Areas Using Remote Sensing and Geographic Information Systems - Case Study of Western Highlands Province, Papua New Guinea	Dr SK Jana
Oala LUDA		MSc (RS & GIS)	Measuring Terrestrial Carbon Based on Land Cover Change Assessment from 1995 to 2015 Using GIS & Remote Sensing Techniques - A Case Study in a Logging Concession	Dr S Samanta and Dr H Abe
Nebare POI		MSc (RS & GIS)	Remote Sensing & GIS Base Spatial Data Infrastructure for Rural Development Planning at Micro Level- A Geospatial Analysis – (A Case Study of Gumine District in Simbu Province, PNG)	Mr L Kari and Mr J Suat
Joel KUA		MSc (RS & GIS)	A Geospatial Web Based Application for Education Management	Mr L Kari
Paulus BAK		MSc (RS & GIS)	Mapping of Rural Road Network Using Remote Sensing and Geographical Information System - Case study, Nebilyer Rural District, Western Highlands Province, Papua New Guinea	Prof RK Das
Alban F. RUEPANA		MSc (RS & GIS)	Spectral Signatures of the Kaindi Metamorphic of and Morobe Granodiorite of Hidden Valley Gold Mine, Morobe Province, Papua New Guinea	Dr S Samanta

GRADUATION 2015

Macquin MAINO	AGRICULTURE	PhD	Effects of Root- knot Nematode (<i>Meloidogyne incognita</i>) on Lowland Sweet Potato Varieties in Papua New Guinea	Prof S Akanda
Enara ENARA		MPhil	Screening of Thirty-six (36) Upland and Lowland Imported Rice Varieties for Drought Tolerance Under Glasshouse Condition	Dr M Wamala
Chris FIDELIS		MPhil	Development Composting Protocols of Cocoa (<i>Theobromae cacao</i>) Composts and Their Efficacy	Dr R Rao
Samuel KAPIA		MPhil	Baseline Study on the Occurrence of Some Heavy Metals in Fish Tissues in Yonki Reservoir, Eastern Highlands Province.	Dr R Rao
Tabitha MANJOBIE		MPhil	Investigation into the Biology of <i>Segestidea defoliaria</i> (Uvarov) and its Egg Parasitism by <i>Doirania leefmansii</i> Waterston	Dr Ero (PNGOPRA)

Jeffrey WAKI		MPhil	Investigation Gene Flow between Wild and Cultivated taro (<i>Colocasia esculenta</i> (L) Schott) populations in Morobe Province, Papua New Guinea.	Dr T Okpul
Anne Warra DANIEL		MSc	Efficacy of Nematode-Associated Bacteria as Biological Pesticide	Dr M Maino
Philemon NAHUET		MSc	Perceived Impact of Village Oil Palm Production on the Livelihood of the Growers in the Markham Valley of Papua New Guinea	Dr V Bue
Joseph KIMAGL		PGD	Effects of Incorporation of Rice Polish on the Performance of Broilers	Dr Jayaprakash
Vito OSO		PGD	Evaluating Soil Carbon Stock at Five Selected Land Use Systems in a Tropical Landscape	Dr R Rao
Charlie SURUBAN		PGD	Filed Evaluation of the Incidence of Brown Plant Hopper and Stem Borer on 36 Introduced Rice Varieties Under Upland Rain-fed Condition	Dr M Wamala
Mathias WILLIAM		PGD	Study on the Effects of Late-acting Self-incompatibility on Cocoa (<i>Theobroma cacao</i>) Pod Production	Dr T Okpul
Hundang KUNDO	APPLIED SCIENCES	MPhil	Exposure of Food Crops and Fishery Products to Cadmium in the Volcanic Areas of East New Britain Province and Their Potential Health Risks	Dr J Gopalakrishnan/ Dr A Pue
Andie BILL	COMMUNICATION AND DEVELOPMENT STUDIES	MCS	Communication Strategies for Developing a Procedural Framework to Formalise Land Issues of Ahi People of Mrorobe Province: A Case Study of Butibam, Kamkumung and Yalu Villages of Communicating Resettlement	Dr R Orake/Prof E Gilder
Ale GAUN		MCS	Effecting Ways of Communicating Resettlement Issue: A Case Study of Lae Port Development Projects	Dr G Sali/Dr G Khan
Barton MAINO		MCS	Effective Communication Methods Enhance Rehabilitation Programs in Prisons: A Case Study of Buimo Prison in Morobe Province	Dr G Sali/Prof E Gilder
Mispher NANU		MCS	Participatory Communication for Innovation in Rice Farming Systems	Prof E Gilder/Dr A Yaraepa
Paul PARAKA				Effective Communication Prevents Cult Practice in Secondary School Students: A Case Study of Lae, Bugandi and Bumayong Secondary Schools of Lae

Maling AMBRANGA	CIVIL ENGINEERING	MEng	A Comparative Evaluation of the Structural Performance of Papua New Guinea River Gravel Using Repeated Load Triaxial (RLT) Test -A Performance Based Test	Mr C Kobal
Peter PIA		MEng	The Impact of Organisational Culture on Project Strategy of Construction Organisations in Papua New Guinea-A Case Study of Lae City Roads Rehabilitation and Upgrading	Prof Y Telue/Mr C Kobal
Olo GEBIA	FORESTRY	MPhil	Variation in Tropical Rainforest Soil Seed Bank Community Along an Altitudinal Gradient in Morobe Province	Dr L Balun/Dr M Peki
Issac ANGRA	MATHEMATICS & COMPUTER SCIENCE	PGD	One Topological Semigroup of Continuous Functions	Prof Mihail Ursul
Samuel DUNSTAN		PGD	To Create Dipstick Calibration Charts for Horizontal and Inclined Fuel Tanks through Mathematics Analysis alone	Dr A Moshi
Gebion KEWA		PGD	Industrial Application of Max Flow-Min Cut Theorem to Open Pit Mining	Dr A Moshi/Mr J Lanta
Joel TAHIE		PGD	Dedekind Complete Riesz Spaces and Boolean	Prof Mihail Ursul
Cathy KOLOA	SURVEYING AND LAND STUDIES	MPhil	Hydro-morphic Analysis of Markham River Basin and Hazard Assessment of Lae Coast Using Remote Sensing & GIS Technique	Dr S Samanta/Prof D Pal
GRADUATION 2014				
Merawe DEGEMBA	AGRICULTURE	PhD	An Analysis of the Socio-economic Factors that Influence the Beneficiaries of the Leatherback Turtle and Crocodile Conservation Projects in Papua New Guinea	Dr P Manus / Prof A Halim
Christine TERIM		MPhil	Nematicidal Activity of Medicinal Plants Against Root-Knot Nematode, <i>Meloidogyne incognita</i>	Dr M Maino
Lucy LAUPAUVE		MPhil	Effects of Urea Molasses Mineral Blocks (UMMB) on the Performance of Goats Maintained on Natural Pastures in the Rain-fed Agro-ecosystems of Huon Gulf District in Morobe Province - Papua New Guinea	Prof G Danbaro
Ian SAWARABA		MPhil	Monitoring of River Waters for Cyanide from the Hidden Valley Mines	Dr R Rao
Fred BESARI		MPhil	Egg Production Performance of Hens Fed Concentrates Blended with Sweet Potato or Cassava in Papua New Guinea	Prof G Danbaro

Paula KAUPA		MSc	Mineralization and Leaching of Nitrogen from Animal Manures and Urea Applied to Sweet Potato [<i>Ipomoea batatas</i> (L) Lam] Under Humid Tropical Conditions	Dr R Rao
Richard ALEPA		MSc	Effects of Land Use on Sulfur Status in Selected Food Garden Soils Associated with Oil Palm Blocks in the Humid Lowlands of Papua New Guinea	Dr R Rao
Samuel HINAFA		MSc	Training Needs of the Smallholder Farmers in Production and Marketing of Coffee in Eastern Highlands Province of Papua New Guinea	Prof A Halim
Robin WINGWAFI		MSc	Biochar Production and Utilisation for Sweet Potato Productivity	Dr R Rao
Aina DAVIS		PGD	Evaluation of 36 Promising Rice Varieties Under Rain-fed Upland Condition in Lae, Papua New Guinea	Dr T Okpul
Evoi KESO		PGD	Preliminary Screening of 5 Elite Sweet Potato (<i>Ipomoea batatas</i> L.) Varieties for Salt Tolerance in Papua New Guinea	Dr R Rao
Jeromy KAVI		PGD	Economic Analysis of Marketing Margin of Taro in the Selected Market Centres in Lae, Morobe Province, Papua New Guinea	Dr P Manus
Timos PINGK		PGD	Evaluation of Anthracnose Disease on Five Varieties of Yam (<i>Dioscorea alata</i>) Under Humid Lowland Conditions	Dr M Maino
Miranda UAKAI		PGD	Evaluation of 36 Promising Rice Varieties Under Irrigated Culture Condition in Buba, Papua New Guinea	Dr M Wamala
Helen HEREVE	APPLIED PHYSICS	MSc	Absorption Spectrum of BETA-caryophyllene- An Initial Phase Study of the Development of Cannabis Detector	Mr D Kolkoma
Jayson WAU	APPLIED SCIENCES	MPhil	Phytochemical and Antimicrobial Assessment of <i>Ficus botryocarpa</i> Miq (Moraceae)	Mr D Timi/Dr A Harakuwe/ Mrs R Sipou
Alex BOTU		MPhil	Growth Performance, Meat Yield and Sensory Evaluation of Broiler Chickens Fed on Local Feed	Mr R Nigo/Prof G Danbaro
Alice TOPA	FORESTRY	MSc	Understanding the Role of Sole Seed Bank and Primary Forest Species in Rehabilitation of Grassland in Papua New Guinea	Dr L Balun
Barbra RUIING		PGD	Basic Density and Shrinkage of <i>Pinus caribaea</i> var. <i>bahamensis</i> (Griseb.) grown in Bulolo Plantation	Dr K Mulung/Mr B Gusamo

John BEKO		PGD	Commercial Prospects for Propagation of <i>Gyrinops ledermannii</i> in Papua New Guinea: Investigating Viability of Seed and Rootability of Stem Cuttings	Dr K Mulung/Dr T Okpul
Russel TARUTIA		PGD	Land Use and Land Cover Change Detection Using Expert Classification Techniques with RapidEye and landsat TM in the Markham Valley of Morobe Province, Papua New Guinea	Dr D Lopez
Steven ANAKIME		PGD	Strength of Age 24 <i>Araucaria cunninghamii</i> (Hoop) and <i>Pinus caribaea</i> (Pinus) from Bulolo Forest Plantation	Prof M Hossain
Tombo WARRA		PGD	Variation of Functional Traits with Altitude: A Measure of Productivity and Longevity for <i>Homolanthus novoguineensis</i> and <i>Trema orientalis</i>	Dr L Balun
Steven KOMUT		PGD	Suitable (optimize) Kiln Drying Schedule for <i>Trema orientalis</i>	Mr P Edwin
Junior TUMARE	SURVEYING AND LAND STUDIES	MPhil	Application of Remote Sensing and GIS for Ground Water Potential Zone investigation in Bulolo-Wau surrounding, Morobe Province, Papua New Guinea	Dr S Jana/Prof D Pal
Richard BAIA		MPhil	Application of GIS in Land Tenure Investigation for Mining Projects: A case study of Yandera Copper-Molybdenum Gold Project, Madang Province, Papua New Guinea	Dr S Samanta/Prof D Pal
GRADUATION 2013				
Delmae BALOILOI	AGRICULTURE	MPhil	Screening of Cocoa Seedling for Resistance to Vascular Streak Dieback Through Leaf Disc Inoculation	Prof S Akanda
Betty TIKO		MPhil	Adoption of Coffee Based Farming Practices by the Smallholder Coffee Growers in Papua New Guinea	Prof A Halim
Frank VINDINAMO		MPhil	Design and Development of Low Cost Peanut Pod Stripper	Prof J Pumwa
Lena YUAL		MPhil	Prevalence of Gastrointestinal Parasites in Goats in Bena, Henganofi and Goroka in the Eastern Highlands and Situm in the Morobe Province of Papua New Guinea	Dr Jayaprakash
Eleo DOWA		PGD	Attitude of Broiler Farmers Towards Mini Feed Mills for Producing Cost Effective Self-Compounded Feeds	Dr P Manus
Kuna HONEAKI		PGD	Contribution of Participatory Rural Appraisal and Planning (PRAP) Project in Solving the Problems of Coffee	Prof A Halim

			Farmers in Goroka, Eastern Highlands Province of Papua New Guinea	
Arenu MUMBIANGKE		PGD	Effect of Urea Molasses Mineral Block Supplement on the Live Weight Gain of Weaned Beef Cattle	Prof G Danbaro
Lydia TASI		PGD	Assess the Effects of Agri-By-Products on the Growth Performance of Broilers	Dr Jayaprakash
Maureen TOM		PGD	Effect of Water Stress on Tuber Yield of Five Sweet Potato Varieties	Dr M Wamala
Glenn URATEL		PGD	Evaluation of Different Excessive Moisture Levels on the Tuber Yield of K9 Bullet Sweet Potato Variety	Dr M Wamala
Binel WERA		PGD	A Survey of Virus Infecting Sweet Potato Cultivars in Selected Major Sweet Potato Growing Areas of Papua New Guinea	Dr T Okpul
Andrew NAILI	COMMUNICATION AND DEVELOPMENT STUDIES	MCS	Cult Practices and Communication Strategies within Circles in the Urban Secondary Schools in Lae, Morobe Province	Mr J Kehatsin/Dr G Sali
David GELA		MCS	Effective Interpersonal Communication. A Tool for Community Development Work in Rural Areas	Ms R Gwale/Dr G Sali
David POLOMIA		MCS	Effective Uses of Interpersonal Communication Skills to Minimize Ethnic Conflicts in Lae, Morobe Province.	Dr G Sali/Ms R Gwale
Joel SEFO		MCS	Adult Literacy and Rural Lively Hood in the Usurufa Community, Eastern Highlands Province	Dr R Orake/Dr L Sar
Sylvia ULAI		MCS	The Role of Media in Empowering Women in Urban Settlements of Lae City	Dr R Orake/Dr L Sar
Steve ALES	MECHANICAL ENGINEERING	MTech	Development and Characterization of Coconut Fibre Reinforced Polymer Composites	Dr K Sumanasiri
Nosare MAIKA		MTech	Development and Evaluation of Green House Dryer for Partial Drying of Coffee Parchment for the Highlands Conditions of PNG	Prof J Pumwa
Wilson KOBAL	MINING ENGINEERING	MPhil	Extraction of Nickel (Ni) and Cobalt (Co) from Ramu Laterite Ore, Papua New Guinea	Dr P Afenya/Dr W Tongamp /Dr G ARPA
Navua KAPI	SURVEYING AND LAND STUDIES	MPhil	An Optimum Development Plan of Papua New Guinea University of Technology-Remote Sensing & GIS Approach	Prof D Pal/Mr S Gupta

PhD = Doctor of Philosophy; MPhil =Master of Philosophy; MSc = Master of Science; MCS = Master of Communication Studies; EMBA = Executive Master of Business Administration; MTech = Master of Technology; MSc (RS & GIS) =Master of Science in Remote Sensing and Geographic Information System; MAOL= Master of Arts in Organizational Leadership; PGD = Postgraduate Diploma; PG Certificate= Postgraduate Certificate