



PNG UNIVERSITY OF TECHNOLOGY
POSTGRADUATE SCHOOL
Thesis Titles and Supervisors for 2020 Graduands



CANDIDATE	DEPARTMENT	PROGRAM	THESIS TITLES	SUPERVISOR (S)
Amelia Jelsiwi	AGRICULTURE	MSc	Responses of Rice Varieties to Saline Regimes	Dr M. Maino
Camari M Divuniwaqa		MSc	Effects of Biochar on Nickel Polluted Soils	Dr R Rao
Evah Tokilala		MSc	Site factors that Contribute to the Prevalence of Basal Stem Rot (BSR) in Oil Palm (<i>Elaeis guineensis</i>) Blocks in West New Britain	Dr Carmel Pilotti/ Dr G. Ban
Gerega Maiga		MSc	Effects and Development of Rhizosphere Associated Entomopathogenic Fungi on Sweet potato Weevils	Dr R. Dotaona
Davida Thomas	ARCHITECTURE & CONSTRUCTION MANAGEMENT	MPhil	Retrofitting Brown Economy Buildings to Meet the Standard of Green Buildings – Post Occupancy Evaluation of Residential Buildings at the Papua New Guinea University of Technology	Professor Cletus Gonduan
Alex Kambao	COMMUNICATION AND DEVELOPMENT STUDIES	MCS	Effective Communication for Fostering Positive Outcomes for At-Risk Children and Youth at Mining Impacted Communities in PNG: A Case Study of Special Mining Lease (SML) Communities in Porgera Gold Mine in Enga Province	Prof E. Gilder/ Dr A. Yaraepa
Jack Yaro		MCS	Effective Communication for Enhancing Occupational Health, Safety and Risk Management in the Mining Industries in Papua New Guinea: A Case Study of Porgera Gold Mining in the Enga Province	Dr G. Sali/ Dr F. Essacu
Jacob Nawa		MCS	An Assessment of Participatory Communication Approaches: A Case Study of WASH Project in Yangoru-Saussia District, East Sepik Province	Dr A. Yaraepa/ Dr G. Sali

John Milba		MCS	The Role of Communication in Sustainable Forest Management Practices in Morobe Province: <i>An Insight from Forest Management Agreement and Timber Rights Purchase Application Processes</i>	Dr F. Essacu/ Prof. G. Khan
Leroy Moripi	FORESTRY	MPhil	Soil Carbon Modelling Across Forested Landscapes in Morobe Province	Dr. Mex Peki
Lousi Veisami		MPhil	The Reliability of Determining Merchantable Log Volumes from Green Weights of <i>Araucaria hunsteinii</i> K.Schum (Klinkii Pine) in Bulolo Pine Plantation	Mr Eko Maiguo
Constin Otto Bigol		MPhil	Indigenous Traditional Knowledge of Forest Utilization Practices in Madang Province: Long Term Implications of National Forest Inventory in Papua New Guinea.	Dr. Mex Peki/ Dr. Ruth Turia
Mcken Knox		MATHEMATICS & COMPUTER SCIENCE	MPhil	Security of Diffie-Hellman Based Encryption Schemes An Investigation of the Provable Security of Selected Modern Public Key Encryption Schemes
Camilla Y. Kwadui	SURVEYING & LANDS STUDIES	MPhil	An Interactive Crime Mapping Application of PNG University of Technology Campus	Mr. Lewi Kari
Clifford Jr Mespuk		MPhil	Design of Storm Water Drainage System: A Case Study of the Independence Drive Road (University of Technology Gate to Igam junction), Lae, Morobe, Papua New Guinea	Mr. Navua Vali Kapi
Jeffery Petrus		MPhil	An Assessment of Land Taxation System in Papua New Guinea: A Case Study of Lae City	Prof. J. Babarinde
Godwin Muriki		MPhil	Application of Geographic Information Science 3D Visualization in Informal Settlement Upgrading by Securing Public Space in Madang Block – Lae City	Mr. Lewi Kari
Bob Kebaja		MSc (Rs&GIS)	Soil Science and Suitability Analysis Using Remote Sensing and Geographic Information System Techniques to Determine Potential	Dr. S. K. Jana

			Coffee Cultivation and Production in Southern Highlands and Hela Province of Papua New Guinea	
David Kopio		MSc (RS&GIS)	Above Ground Biomass and Carbon Stock Estimation Using Landsat 8 Satellite Image: A Case Study of <i>Pinus caribea</i> species in Bulolo-Wau Forest Plantation, Morobe Province, Papua New Guinea.	Dr. S. Samanta
Emmanuel Henry		MSc (RS&GIS)	Monitoring Settlement Growth in Lae City Using Remote Sensing Technology – Case Study 'Kamkumung Settlement Growth Between 2006-2012	Dr. S. K. Jana
William Goma		MSc (RS&GIS)	Delineating Landslide Hazard Zones Using Remote Sensing and GIS – A Case Study of Okuk Highway Corridor in Eastern Highlands Province	Mr. Tingneyuc Sekac
Willie A. Awat		MSc (RS&GIS)	Application of Remote Sensing & Geographic Information Systems to Identify Suitable Landfills for Solid Waste Disposal in Madang Urban	Mr. Tingneyuc Sekac

Note: MPhil = Master of Philosophy; MSc = Master of Science; MCS = Master of Communication Studies; MSc (RS&GIS) = Master of Science in Remote Sensing and Geographic Information System.