



RD PUTERI KHAIRANI KHIROTDIN

SENIOR RESEARCH OFFICER

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Development (LESTARI),
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PROFILE: Malaysian Female, Johorian,
23rd August 1984

ACADEMIC QUALIFICATIONS:
MEnv. (Environmental Mgt.) UPM 2016
BSc. (Geoinformatics) UTM 2006

RESEARCH INTEREST:
Environmental Management,
Geographical Information System (GIS),
Remote Sensing, Decision Support
System (DSS)

h-INDEX (SCOPUS): 1

ADMINISTRATIVE RESPONSIBILITY:
Secretariat, LESTARI Research
Management
Head, LESTARI GIS Unit

EXPERIENCES:
Research Officer (2007-2008) UTM
Research Assistant (2006) UTM

ACHIEVEMENTS

1. Involved in 12 projects as a co-researcher at local and international level
2. Involved in producing over 20 publications including 2 journal articles & 2 chapter in books.
3. Experienced as consultant in 1 consultancy project related to GIS mapping

PAST WORK

1. Tree ID Inventory & Hazardous Trees Assessment
2. GIS based Integrated Environmentally Sensitive Areas (ESAs) for Land use Planning
3. Land Suitability Assessment (LSA) using GIS multi-criteria evaluation

CURRENT WORK

1. GIS & Remote Sensing mapping for mangroves cover of Tioman Marine Park, Pahang
2. Change Detection analysis of mangrove cover in Sg. Merbok Forest Reserve
3. GIS Mapping & Spatial modeling

FUTURE PLANS

1. Geoinformatics for Natural Resources Planning and Management
2. Drone application for GIS survey & mapping
3. Geospatial technology as platform for conservation plans to better understand and protect biodiverse environment
4. GIS tapping into Internet of Things (IOT)