SELECTION: Urban & Regional Planning
6 April, 2011  14:00 - 15:30 Hrs  Meeting Room 3

Speakers:

Awang Abdullah Razak, Chief Executive Officer, RS & GIS Consultancy, Malaysia
Topic: Public Private Partnerships Can Create One-Stop State Geospatial Centers

Roslawati Zainol, Senior Lecturer, University of Malaya, Malaysia
Topic: Empowering community neighborhood watch with crime monitoring system using web-based GIS

Mokhtar Azizi Mohd Din, Lecturer, Department Of Civil Engineering University Of Malaya, Malaysia
Topic: The Implementation of Level of Service for the Development of Kuala Lumpur Transit Information System Using GIS

Azzuhana Roslan, Research Officer, Malaysian Institute of Road Safety Research, Malaysia
Topic: Land Use-Motorcycle Accidents Modelling: Pre Findings Analysis

Nur Fazzillah MN, Researcher, Malaysian Institute of Road Safety Research (MIROS)
Topic: Value-adding Road Safety Audit with GIS
The Implementation of Level of Service for the Development of Transit Information System using GIS

Mokhtar Azizi Mohd Din, Lecturer, Department Of Civil Engineering, University of Malaya, Malaysia

Ir. Mohamed Rehan Bin Karim, Profesor, University of Malaya, Malaysia

Saritha Paramasivam, Student, University of Malaya, Malaysia

Due to heavy traffic and congested roads, it is crucial that the most popular main public transport services in Kuala Lumpur i.e. Putra LRT, Star LRT, KTM Commuter, KL Monorail and Rapid Bus must be continuously monitored and improved to fulfill the rider’s requirement and kept updated by the transit agencies. Evaluation on the current status of the services has been determined out by calculating the Transit Supportive Area (TSA) and Level of Service (LOS) for each transit station. This research study has carried out the TSA and LOS mapping based on GIS techniques. The detailed census data of the region along the line of services has been collected from the Department of Statistics Malaysia for this purpose. The service coverage has been decided by 400 meters buffer zone for bus stations and 800 meters for rails station and railways in measurement the Quality of Service along the line of services. All the required information has been calculated by using the customized GIS software called Kuala Lumpur Transit Information System (KLTIS).