



Workshop on:

GIS-based River Discharge Modelling

Speaker:

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Venue: Cube Room, Level 4, New IPS building,
University Malaya, Kuala Lumpur, Malaysia



Workshop schedule

- Day 1
- Morning: 08:30-10 Lecture 1-1, 10:30-12:30 Lecture 1-2
- Afternoon :14:00-15:45 Lecture1-3, 16:00-17:30 Lecture 1-4 and Exercise
- Day 2
- Morning: 08:30-10 Lecture 2-1, 10:30-12:30 Lecture 2-2
- Afternoon :14:00-15:45 Exercise, 16:00-17:30 Exercise
- Day 3
- Morning: 08:30-10 Lecture 3-1, 10:30-12:30 Exercise
- Afternoon :14:30-15:45 Exercise, 16:00-17:30 Exercise /discussion



GIS and Hydrology

Hydrology study the motion of the earth's waters through the hydrologic cycle, and the transport of constituents such as sediment and pollutants in the water as it flows.

GIS is focused on representing the landscape by means of positional referenced data describing the character and shape of geographic features. A spatial hydrology model is one which simulates the rainfall-runoff process and transport on a specified region of the earth using GIS data structures.

The boundary of this region is represented by a polygon, such as a river basin boundary or an aquifer boundary.



Thank you

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