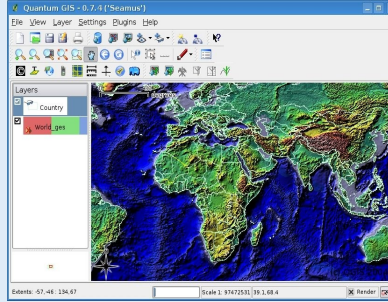




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QGIS

Geographic Information system (GIS) in Public Health for Healthcare professionals and researchers using Q-GIS and R statistics software

21st and 22nd November 2018 (Wednesday and Thursday),

**Venue : UNIVERSITI KUALA LUMPUR—ROYAL COLLEGE OF MEDICINE PERAK
(UniKL RCMP), No 3, Jalan Greentown, Ipoh, Perak, Malaysia 30450**

Registration Fees RM 500 (Malaysian citizens) USD 250 (International participants)

For Registration please contact the following email before

31st October 2018

Dr Sandheep Sugathan

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Fax : 05 - 253 6637

At the end of the course, participants will be able to

- 1) Get introduced to the concepts of Medical Geographic Information System (GIS) and its wide applications in disease surveillance, public health / health care research, disease prevention and control.
- 2) Acquire hands-on experience in developing their own maps and linking the healthcare / public health related information to the global maps available, through hands-on sessions using Q-GIS and R statistics which are open-source software.

Organizing committee Chairperson: Prof Chan Sook Ching, **Co-Chairperson:** Dr Sandheep Sugathan,

Advisors: AP Dr Syed Rahim Bin Syed Hamid, Prof. Osman Ali

Members: AP Dr Davinder Singh, Dr Hussain Saadi, Dr Sabaridah Ismail, Dr Yip Hung Loong,
Dr Sze Ling Lee

Speakers :

Prof Dr Biju Soman, MD, DPH, MSc, DLSHTM (Additional Professor & i-Health Specialist,
Sree Chitra Tirunal Institute for Medical Sciences & Technology /
Achutha Menon Centre for Health Science Studies, Trivandrum, Kerala, India

Asst Prof. Radhakrishnan T, MSc, MTech (Geo-Informatics Specialist, Indian Institute of Information
Technology and Management – Kerala (IIITM-K), Technopark, Trivandrum, Kerala, India

Organized by Community Based Department, Faculty of Medicine, UniKL RCMP

21st and 22nd November 2018

Program Schedule

Workshop on Geographic Information system (GIS) in Public Health for Healthcare professionals and researchers using Q-GIS and R statistics			
DAY 1			
08:00-08:30	Registration		
08:30-09:00	Introduction to the workshop and Welcome speech		
09:00-10:00	Fundamental Concepts of GIS	Prof. Dr Biju Soman	Lecture
10:00 – 10:30 Tea break			
10:30-11:30	Use of GIS in public Health / Healthcare system	Prof. Dr Biju Soman	Lecture
11:30-13:00	Overview of QGIS & Spatial data management (Projections & Datum)	Asst Prof. Radhakrishnan T	Lecture / Demonstration
13:00 - 14:00 Lunch			
14:00-15:00	Spatial data management (Raster and Vector data creation)	Asst Prof. Radhakrishnan T	
15:00-15:45	Managing Attribute data	Asst Prof. Radhakrishnan T	Lecture / Demonstration
15:45 – 16:00 Tea break			
16:00-17:00	Online Web Map integration in QGIS (Google, OpenStreetMap, Bhuvan)	Asst Prof. Radhakrishnan T & Prof. Dr Biju Soman	Lecture / Demonstration followed by Hands-on sessions
Day 2			
08:00-09:00	Recap & Clarifications		
09:00-10:00	PH paper discussion-spatial analysis	Prof. Dr Biju Soman	Interactive lecture
10:00 – 10:30 Tea break			
10:30-11:30	Introduction to R Statistics	Prof. Dr Biju Soman	Lecture / Demonstration followed by Hands-on sessions
11:30-13:00	Spatial Data Management in R Statistics	Asst Prof. Radhakrishnan T & Prof. Dr Biju Soman	Lecture / Demonstration followed by Hands-on sessions
13:00 - 14:00 Lunch			
14:00-15:00	Spatial Point Pattern Analysis	Asst Prof. Radhakrishnan T	Lecture / Demonstration
15:00-15:45	Hands on Exercise	Asst Prof. Radhakrishnan T	Hands-on sessions
15:45 – 16:00 Tea break			
16:00-17:00	Map Layout	Asst Prof. Radhakrishnan T	Lecture / Demonstration followed by Hands-on sessions
17:00-17:30	Closing, Q&A and Evaluation		

Workshop on Geographic Information system (GIS) in Public Health for Healthcare professionals and researchers using Q-GIS and R statistics

Registration fees include training materials, lunch, refreshment & certificate of participation.
Please submit your registration form with Money Order/ Postal Order/ Bank Draft made payable to:

Company Name : P.C.M. SDN. BHD.
Bank : CIMB
Account No : 80-0479166-4

PARTICIPANTS' DETAILS

ORGANISATION'S DETAILS (PLEASE STATE ADDRESS IN FULL)

Name : _____
Job Title : _____
Organization : _____
Tel : _____ Fax _____
Address : _____

Email : _____

Dietary Requirement : Non vegetarian Vegetarian

PAYMENT METHOD

Cash _____ Bank Draft _____
Cheque _____ Local Order(LO) _____
Bank in (P.C.M Sdn Bhd) _____

Registration

Confirmation will only be made upon receipt (fax/e-mail/mail) of the registration form.

Payment

Submission of form and payment must be made prior to the event date. The cheque(s) should be crossed, marked A/C payee only and made payable to "P.C.M Sdn. Bhd". A letter of undertaking of the registration fee should be submitted by participants whose payment delay (especially after the event date).

Cancellation and Substitution.

Cancellations have to be notified in writing.

50% of the training fee will be charged for cancellation made less than ten (10) working days and 70% of the training fee will be charged for the cancellation made less than five (5) working days. The full amount of the training fee will be charged for 'no show'.

Please email the scanned copy of duly filled registration form together with your bank cheque / local order/ bank slip to the secretariat at given address before / by 31 October 2018. The original document to be presented upon the day of workshop.

UniKL Royal College of Medicine Perak

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