

International Seminar on Geospatial Analytics and Operations Research in Emergency Medicine

February 18-19, 2019

The Academia @ Singapore General Hospital

Background

- Geospatial analytics has gained popularity in EMS research in recent years, supported by technological advancement, particularly GPS, 4G, and high smartphone penetration.
- There is increasing interest in using geospatial analytics to improve service delivery to time-sensitive event, namely out-of-hospital cardiac arrest (OHCA) and trauma.

Objectives

- **Geospatial analytics research sharing sessions by researchers from**
 - PAROS,
 - Nanyang Technological University,
 - Duke-NUS,
 - Virtual Singapore and
 - University of Toronto
- **Topics includes**
 - introduction to PAROS Singapore,
 - previous geospatial and operations research by PAROS,
 - Virtual Singapore project,
 - geospatial and optimisation techniques by Toronto team, and
 - experience of geospatial analytics research in Taiwan, Thailand, and Malaysia.



Sharing & Discussions ...



Outcome

- The 2 days event seen various insightful sharing and discussion among researchers.
- A list of potential projects generated for the groups to collaborate, and hopefully result in a good solution to relevant EMS problem.