Exploring typhoid fever in Southeast Asia using geospatial context

3 Nov 2022 (Thurs)
4:30–6:00 pm (UTC+8)
Rm221, Chen Kou Bun Building
ZOOM ID: 924 0168 0034
ZOOM Passcode: 891568

Typhoid has hit the world hard as an enteric fever, with infection of Salmonella Typhi or Paratyphi. In 2017 there were more than 14 million cases globally, with a vast majority in low and middle-income countries. The incidence is particularly high in Southeast Asian countries. This talk will cover a series of research papers from a recent project on typhoid fever in Southeast Asia. The topics will include the global transmission of anti-microbial Salmonella Typhi, spatial heterogeneity of typhoid incidence in two diverse communities in Nepal, spatial burden of typhoid fever in India. The population-based and environmental-based surveillance studies demonstrate how these spatial patterns guide through conjugate vaccine allocation in these countries.

Dr. Yanjia Cao
Assistant Professor
Department of Geography, The University of Hong Kong

Dr. Yanjia Cao received PhD in Geography from University of Maryland, and MS in Geography from University at Buffalo-SUNY. As a health geographer, she had cross-disciplinary training during her postdoctoral scholarship, at Stanford University School of Medicine, and UC San Diego School of Public Health. Her project topics cover world-wide locations, including food environment in San Diego, access to COVID-19 vaccine in England, typhoid fever in Southeast Asia, and hospital facility coverage in Malawi. She serves board of directors (BOD) for the Health and Medical Geography specialty group at AAG since 2019. She was also a BOD member for CPGIS.

For future seminars, scan QR Code or visit:
https://www.grm.cuhk.edu.hk/en/news/seminars/