



## ABSTRACTS

*(alphabetically arranged according to researcher)*

### **Research Theme: Spatial epidemiology of vector-borne diseases**

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Within a multidisciplinary research programme that tackles the issue of disease emergence, the prime objective of this PhD in Health Geography is to identify the links between the ongoing process of urbanisation in Chennai and health risk factors. Focusing on four infectious diseases (dengue, Japanese encephalitis, malaria, Leptospirosis) and three non-infectious diseases (hypertension, diabetes, cancer), we intend to characterise the various risk factors to which the inhabitants of the Chennai Metropolitan Area are exposed, as well as their combination and their variation in time and space. Epidemiological and entomological surveys will be conducted in a sample of relevant areas and will lead to the development of a spatial database.

Key words: health geography, health risk, urban health, spatial epidemiology, Chennai.