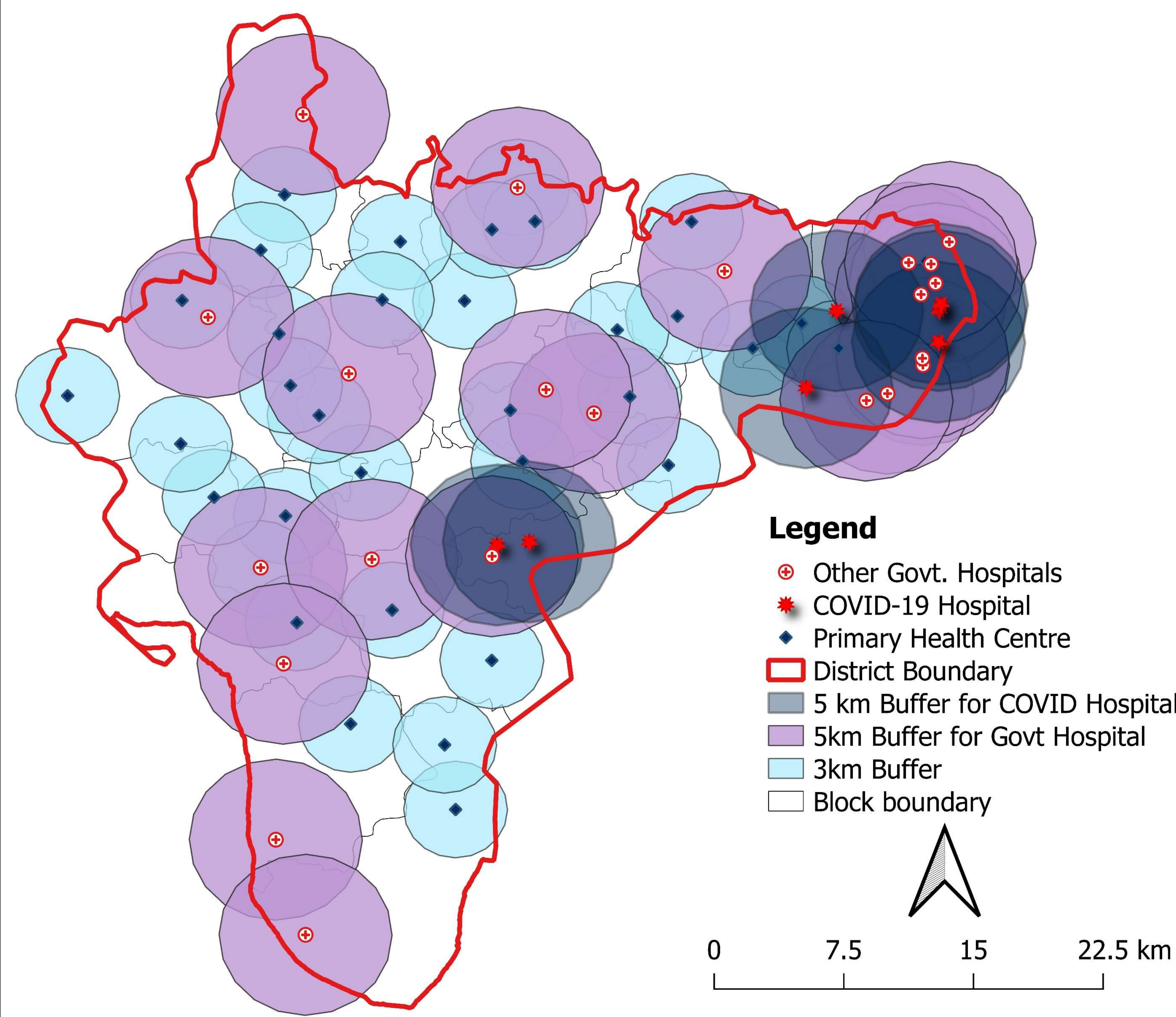


Title: Partial Spatial Coverage map for vaccination in Howrah District, West Bengal

Map description and analysis



Introduction:
Potential spatial coverage map includes locations of all Government Hospitals and their potential spatial coverage.

Spatial Coverage:

i)Primary Health Centers

- Radius: 3 km
- Total coverage: 769.4 sq.km
- Area out of overage: 669.92 sq.km

ii) Government designated Covid-19 Hospitals:

- Radius: 5 km
- Total coverage: 219.83 sq.km
- Area out of overage: 1,219.49 sq.km

iii) Other Government Hospitals:

- Radius: 5 km
- Total coverage: 843.78 sq.km
- Area out of overage: 595.54 sq.km

Total area of Howrah District: 1439.32 sq.km
Current total spatial coverage : 1,183.19 sq.km
Potential Total area out of coverage: 256.13 sq.km

Team Name: AAA-IIEST
Topic: Health Infrastructure, population map for vaccination
Team member/lead: Abhinandita Kundu Atul Chauhan Apratim Biswas
Organization: Indian Institute of Engineering Science and Technology, Shibpur
Contact/email: abhinanditakundu21@gmail.com chauhan9atul@gmail.com apratimbiswas1997@gmail.com