



Human Sciences Research Council – Harvard Center for Geographic Analysis Symposium on Spatiotemporal Innovation

**Pretoria, South Africa:
8 February 2024 || 9h00–12h00**

Join the Zoom meeting

<https://zoom.us/meeting/register/tJYsceiqrDwsHdJ0QiiuEB4ddaBxv-4japRY>

Meeting ID: 921 6122 7676

Passcode: 597170



The Geospatial Analytics unit of eRKC of the HSRC will host a ½ day symposium on 8 February 2024, which will include presentations by delegates from the HSRC and the Harvard Center for Geographic Analysis.

The symposium will discuss spatiotemporal data analysis and case studies for application across various fields including:

- public health;
- big data and social media data analysis in social sciences;
- remote sensing applications in social sciences;
- environmental science; and
- statistical analysis using machine learning algorithms and its applications in social sciences.

The symposium offers an excellent opportunity for participants to network, collaborate, and further develop their domain knowledge and leadership skills.

Hybrid event:

The event will be held in the Video Conference Room at HSRC Building, 134 Pretorius Street, Pretoria, 0002, South Africa and via Zoom.

Proposed programme: Symposium on Spatiotemporal Innovation

Item	Person	Time Slot	Theme
Programme director	Dr Tholang Mokhele: Senior Research Specialist	9:00	-
Welcome	Dr Gina Weir-Smith: Acting Director eRKC	9:05 – 9:15	-
Presentation 1	Prof. Wendy Guan: Executive Director, Center for Geographic Analysis Harvard University	9:15 – 9:45	Recent advancements of the Spatial Data Lab Project
Presentation 2	Dr Emmanuel Fundisi: Geospatial Specialist Dr Gina Weir-Smith: Acting Director eRKC	9:45 – 10:15	Unlocking Geo AI applications and socio-economic insights: data analysis for sustainable development in South Africa
Tea break 30 mins/networking			
Presentation 3	Prof. Khangelani Zuma: Divisional Executive (PHSB)	10:45 – 11:15	National trends of HIV prevalence in South Africa
Presentation 4	Dr Shuming Bao, Co-Director, Spatial Data Lab at Harvard Center for Geographic Analysis. Director, China Data Institute	11:15 – 11:45	The prospects of spatial study of Africa: data, methodology, technology and applications
Closing remarks	Dr Palesa Sekhejane: Acting Executive Head (AISA)	11:45 – 12:00	Vote of thanks