

Scaling Geospatial Maps: To Zettabytes and Beyond

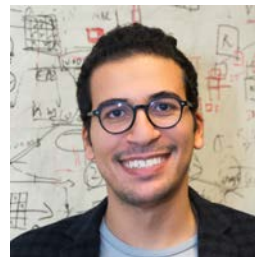
Mohamed Sarwat

GIS software packages are useful tools to make sense of spatial data. This is beneficial for applications that may transform science and society like climate change analysis, population migration analysis, urban planning, transportation engineering, disaster response, as well as commerce and advertising.



This talk highlights research conducted by the data systems lab at Arizona State University to tackle the spatial data challenges of heterogeneity, scalability and interactivity. It draws a road map to scaling geospatial maps to the zettabytes scale and beyond.

Mohamed Sarwat is an Assistant Professor of Computer Science and the director of the Data Systems lab at Arizona State University (DataSys@ASU), where he leads the development of GeoSpark and RecDB. His research, recognized by several awards, intersects spatial computing and data management systems.



May 11, 2017
3-4pm
Computation
Institute 240B

(followed by Data Science
Happy Hour from 4-6pm)

More info: <https://spatial.uchicago.edu/sarwat>

