Use and Adoption of ICT and Geospatial Data for Land Management

Kumar Navulur, PhD





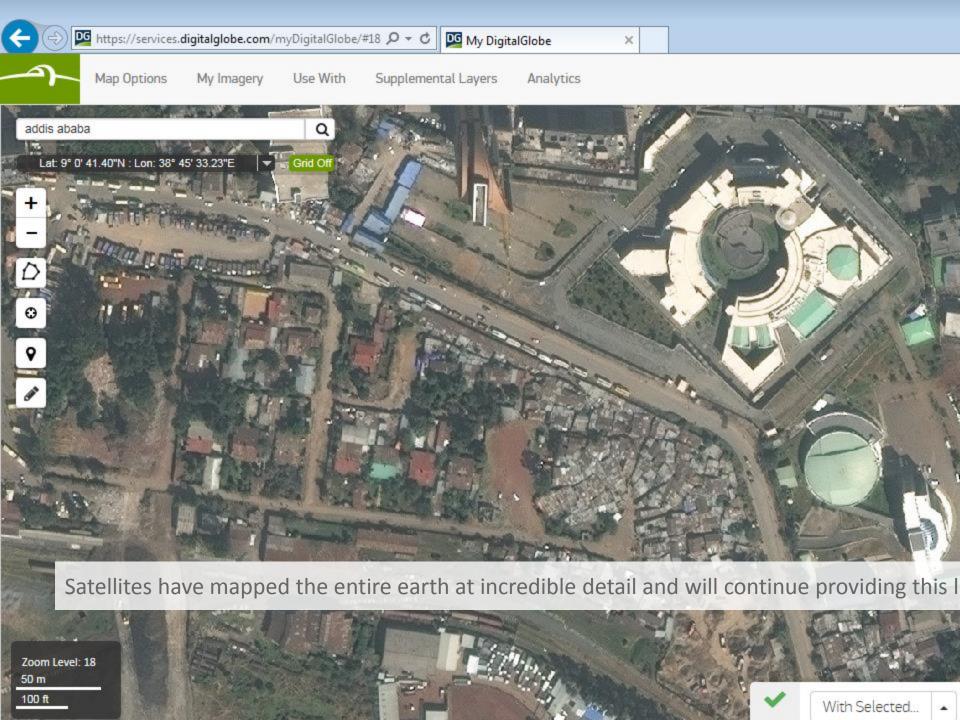
Empathy rarely extends beyond our line of sight" - with Geospatial technologies we can radically extend our 'line of sight'

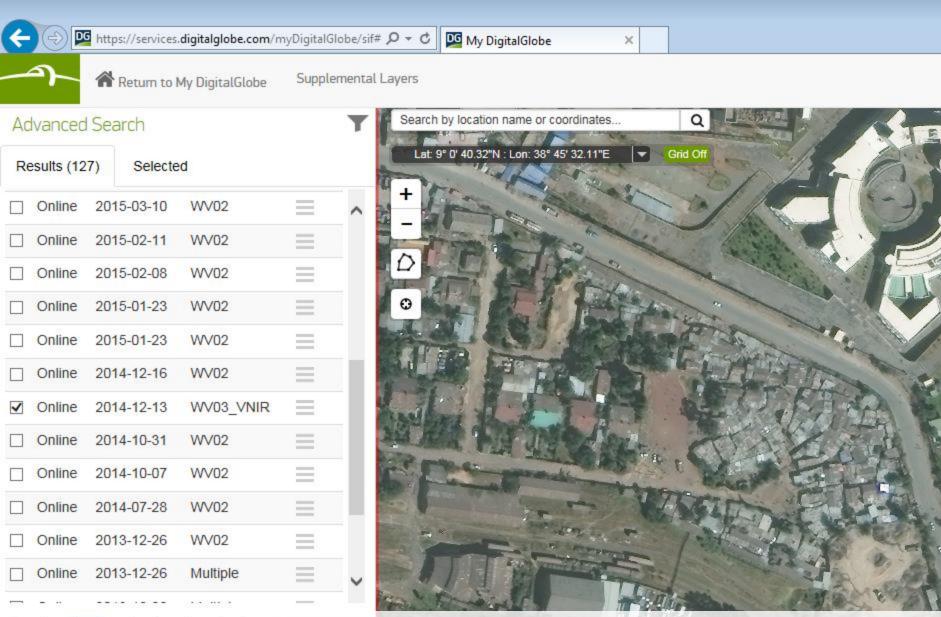
Modified from a quote from Jason Sylvia, Futurist and Filmmaker

"Man must rise above the Earth—to the top of the atmosphere and beyond—for only thus will he fully understand the world in which he lives".

Socrates (470-399 BC)

Space offers a unique vantage point to extend the line of sight





<< < 1 2 3 4 5 > There is a timeline available for populated areas dating back to 2000 a

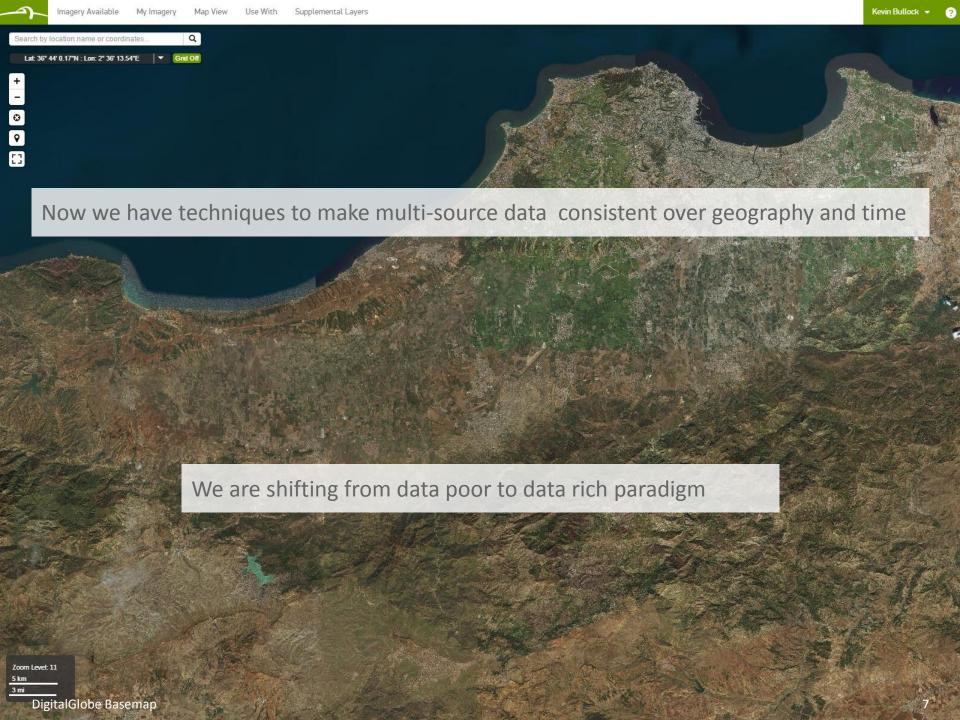
Zoom Level: 18

50 m

100 ft



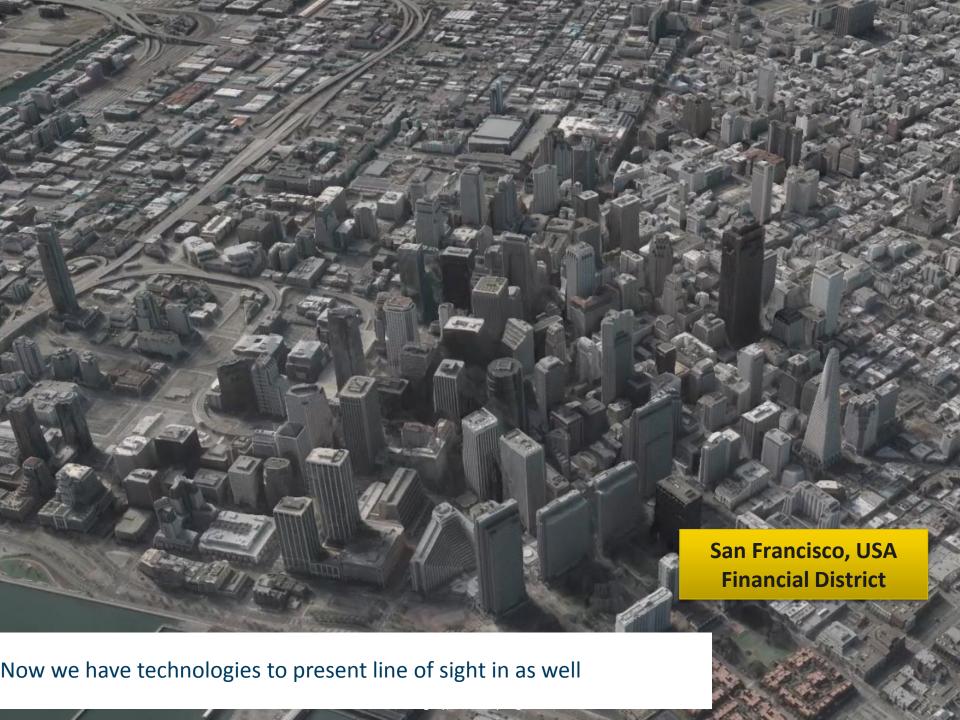






Accurate mosaic of the globe at 50cm resolution will be finished by end of 2016







A holistic view is required to solve land administration with ICT and Geospatial Technologies





Supporting Good Land Governance and 2030 SDG's

- Proven fit for purpose use of geospatial technologies for Land Administration
- > Continued satellite missions for next decade can support to create baseline and monitor progress of SDG's, all the way to 2030
- New business models and partnerships now make imagery economical
- ➤ Geospatial technologies and ICT provide line of sight at local, regional, and global level

