Abstract

Innovative Thinking With ArcGIS: Deriving Beneficial Outcomes for African Communities

Track: Sustainable Development and Humanitarian Affairs

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The development and use, for many years, of the ArcGIS precursors, was integrated into management information systems extensively utilized to generate information to support planning, development and maintenance of the built and natural environment of human communities in most African societies. Notwithstanding this, it was arguably abstract to correlate geographic information and its spatial tools to basic real life concerns like food security, poverty, infrastructure, clean and safe environment.

The presentation demonstrates, with real life examples, innovative thinking approaches developed and applied with the aid of ArcGIS towards deriving beneficial outcomes for improved rural economies and quality of life.

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