

# Infrastructure Development Planning

Earth Observation Support to Urban Development

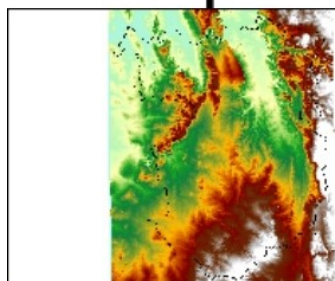


Fig.1 3D Overlay DEM within the area of Service Trial 2 using ESRI ArcScene with Basic Drainage System overlay

DEM\_3D\_arscene\_hydro



Fig.2 Samples of Satellite imagery in CIR and Land Cover overlay

SatData\_LC

•**Users:** Int. Fund Agricultural Development, Madagascar

•**Need:** Situation awareness information of large areas in Madagascar to contribute to an improved development planning for agricultural production

•**Challenge:** Identify service areas with potential for further agricultural activities within the region

•**Initiative:** Production of Land Cover Maps for agricultural activities within the river valleys and Digital Elevation Models to support the actual development planning within the region using high spatial and thematic accuracy.

•**Results:** The information provided through this service and its product has led to a more efficient development planning

•**Service provider:** GAF-AG ([www.gaf.de](http://www.gaf.de))

**EARSC**

European Association  
of Remote Sensing  
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