

GEORGY DEAN

ASTROSAT

UK SPACE
CONFERENCE
2017

COPERNICUS DATA USES

#UKSPACE2017



RAPID

Flood extent mapping
Urban detection
Soil moisture mapping

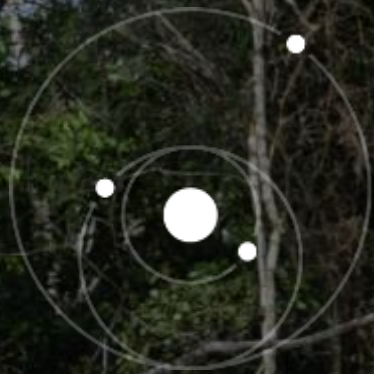
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FMAP

Forestry change detection
Growth indicators



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A 3D perspective view of a city street grid. Buildings are rendered in a light tan color. A heatmap is overlaid on the map, with colors ranging from blue (low density) to red (high density). The heatmap shows high density in the central and lower-left areas, and lower density in the upper and right areas. Major roads like A13, A5, and M74 are visible. A large white circle with three smaller white circles inside is located in the upper right quadrant.

THERMCERT

Land use classification

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An aerial photograph of a patchwork of agricultural fields in various colors (green, brown, red, purple) is the background. In the top right corner, there is a diagram of a satellite orbit consisting of three concentric circles and four white dots representing the satellite's path.

INITIAL INVESTIGATION

Deforestation in Vietnam
Coastal erosion of UK coastline

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