

Urban Fabric Detection Add-on

Sentinel-2 based identification and
mapping of urbanized areas.



Imagine Add-ons

The **Urban Fabric Detection Add-on** utilizes high-quality Sentinel-2 imagery to accurately identify and map urbanized areas.

This is an example of how the Add-on detects the urban fabric and export a mask of the area.



Urban Area



Mask

BUILT FOR GEOSPATIAL WORKFLOWS.

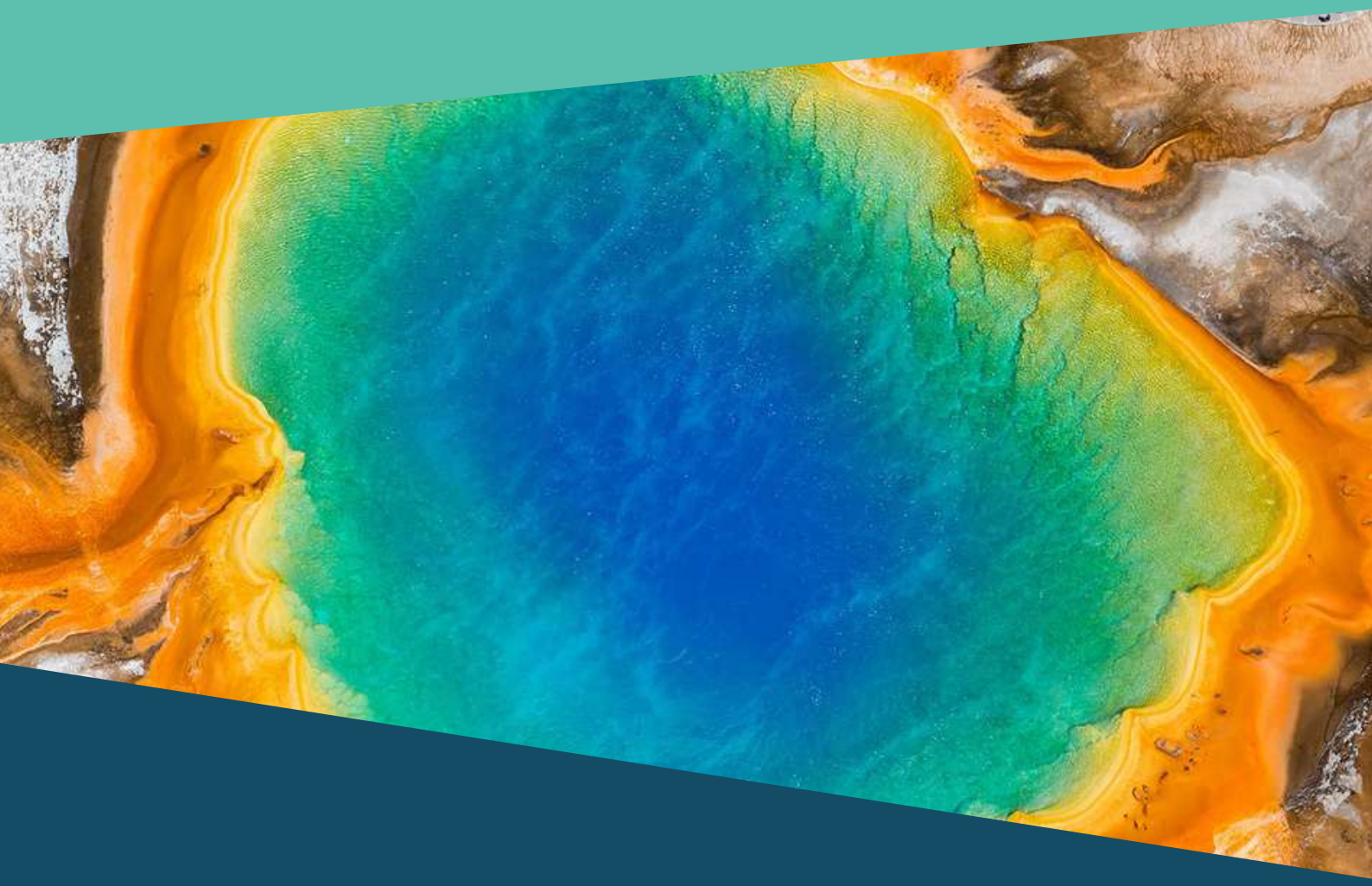
Geosystems – Hellas provides this powerful add-on to support:

Urban planners

GIS professionals

**Researchers in monitoring
urban expansion and land-use
dynamics.**

The add-on integrates seamlessly into existing **IMAGINE workflows** via Spatial Modeler, enabling fast visualization, analysis, and export of urban fabric data for a wide range of geospatial applications. By combining Octave's cutting-edge geospatial technology with Sentinel-2's freely available satellite data, this solution offers a cost-effective and scalable approach to understanding urban environments, supporting informed decision-making in planning, sustainability, and spatial development.



Discover Octave Imagine [HERE](#)