


Urban Fabric Detection Add-on

Brochure of the Geosystems Hellas S.A. Product





Imagine Add-ons

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

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 Hexagon’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.

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



Urban Area



Mask