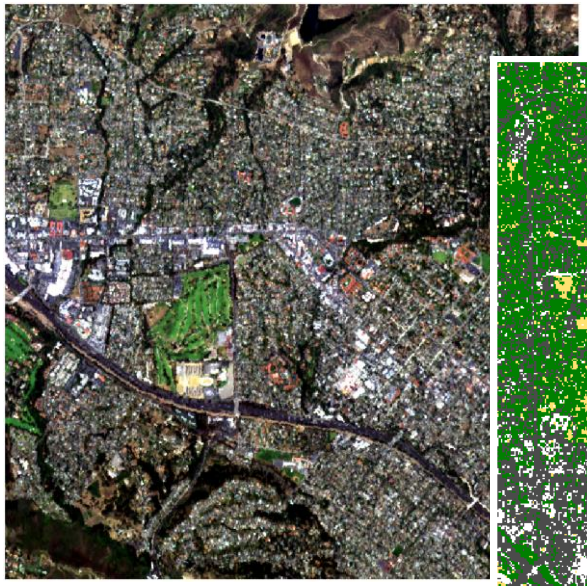
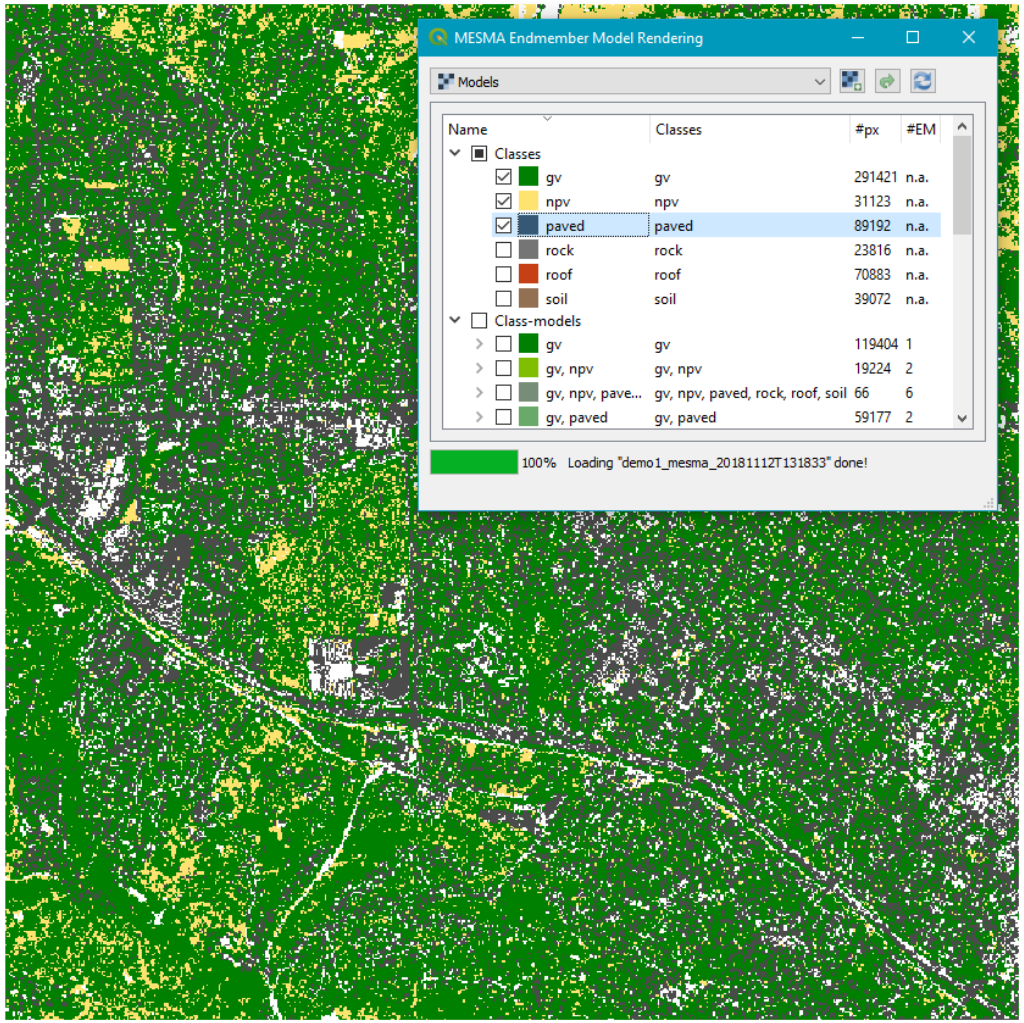
lumos
BELSPO SR/01/349

MESMA in QGIS





belspo

Viper Tools Plugin (beta)

viper-tools.readthedocs.io

- Download and installation instructions
- User guide
- Exercises added soon
- API
- Link to git repository with **issue tracker**

An interdisciplinary approach to cope with heat and water in the 21st century city:

From science to practice

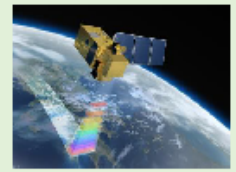
Friday 25th of January 2019

9:30 AM – 2:30 PM

Brussels Environment, Tour & Taxis site, Brussels

Urban mapping and urban green

Using remote sensing technology, we map urban land cover, distinguish different types of urban green and even determine the health of individual trees. These map products are used as input for…



Urban heat modelling

We map the city in terms of "Local Climate Zones", a comprehensible unit to model urban air temperatures, as each zone is characterized by a different thermal behavior.

Urban water modelling

We model rainfall interception, storage and runoff in great detail, allowing the identification of potential flood risk zones in the city.

Sustainable urban planning

Based on expected urban growth, we define different urbanization scenarios and evaluate their impact on urban temperatures and urban water balance.

For more information and (free!) registration, visit our website
https://www.urbanears-project.com/end-user-workshop

UrbanEARS (Urban Ecosystem Analysis supported by Remote Sensing, 2015 – 2019) is a research project funded by the Belgian Science Policy Office (BELSPO).

This event is organized with the kind support of Brussels Environment.