

# Linking Satellite Data with Open Data

# Who

The screenshot displays the Mashup Platform interface. At the top, there are tabs for 'Mashup Platform', 'Widget Collection', 'Widget Annotator', and 'Home page'. Below these are buttons for 'Save', 'Clear', 'Load', and 'Run'. The left sidebar contains a 'DBPedia' section and a 'Basics' section with widgets like 'Json Viewer', 'Item Extractor', and 'Instance Viewer'. The 'Maps' section includes 'Google Map', 'Location', 'Geo Merger', and 'Citybike'. The main workspace shows a workflow diagram with two 'Run' widgets. The first 'Run' widget has a 'Street' input field and a 'Looking for' dropdown set to 'Free box'. The second 'Run' widget has 'Maximum distances' set to '100 meters' and 'Minimum distances' set to 'None'. Both 'Run' widgets are connected to a 'Geo Merger' widget. A large watermark for 'TU WIEN' and 'Data Lab' is overlaid on the diagram. The 'Data Lab' logo includes the text 'FAKULTÄT FÜR INFORMATIK' and 'Faculty of Informatics'. A Google Map of Vienna is visible in the bottom right corner.

<http://linkedwidgets.org>

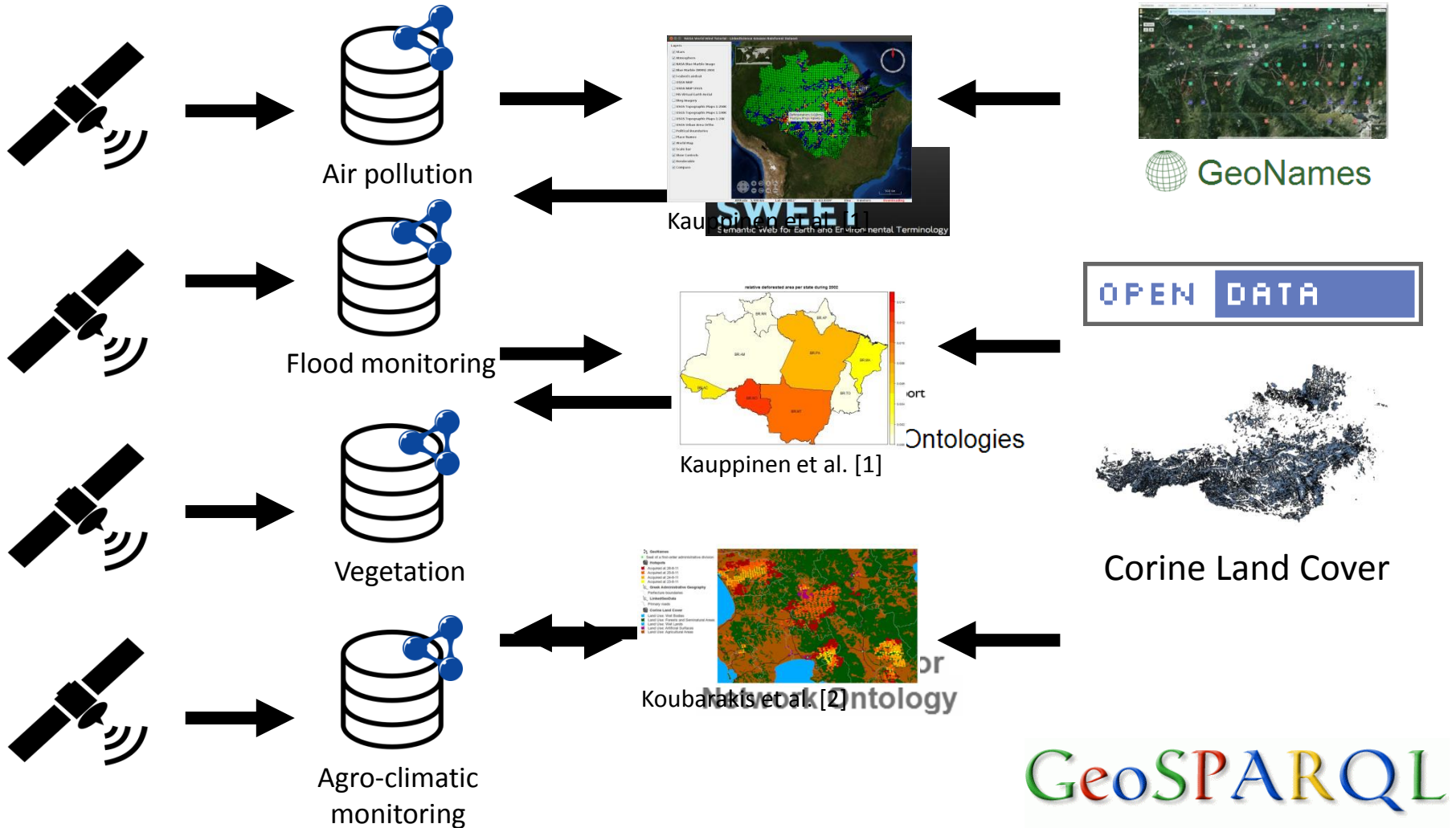
Satellite imagery is being used for a number of different products and thematic maps.

## Satellites

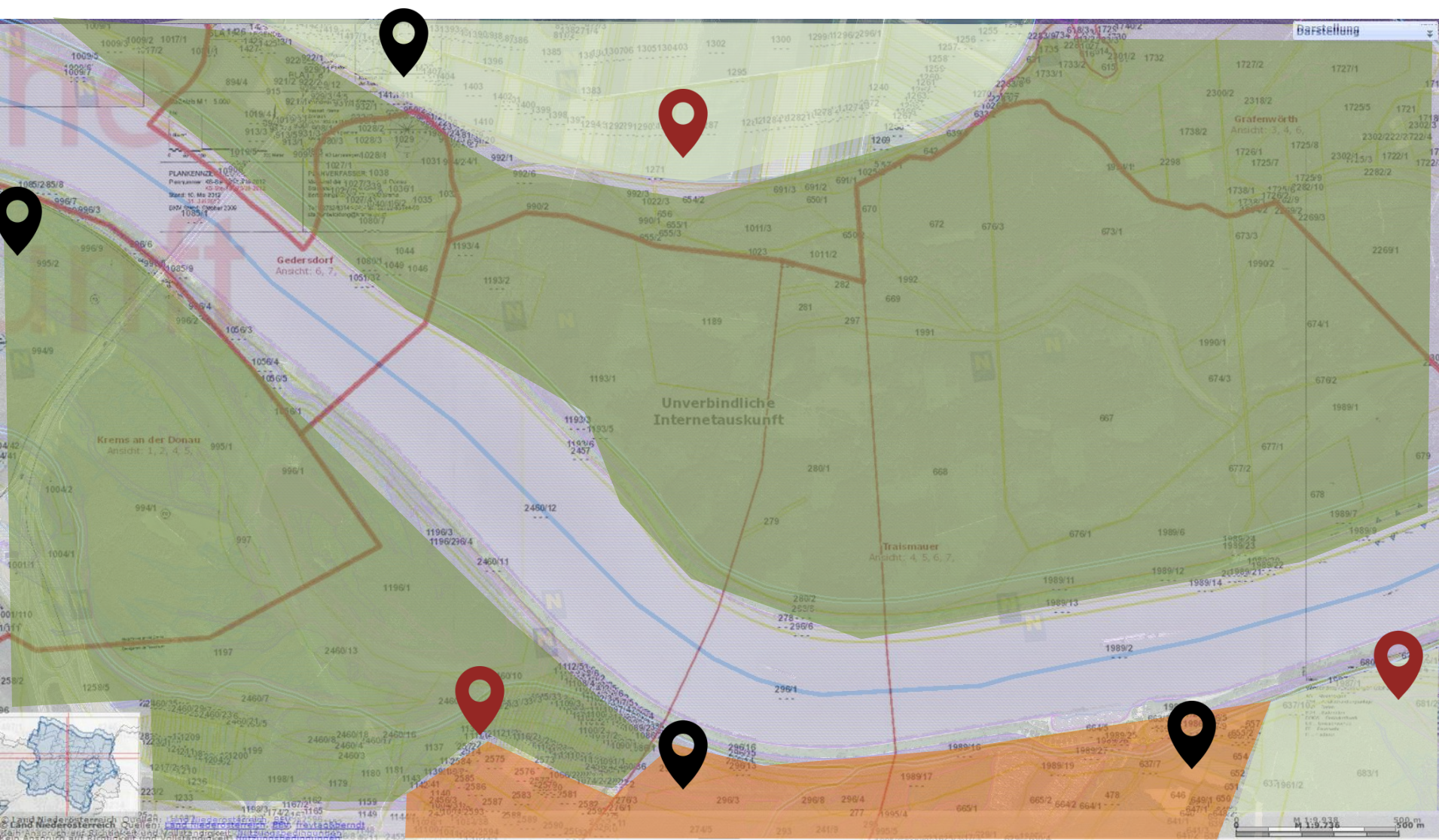
## Data Products

## Ontologies

## Linked/Open Data







# Questions

What Open Data could be usefully related with Earth Observation data? What applications and insights could that facilitate?

How could satellite data be used by the general public (cf. Open Data)?

# References

- [1] Kauppinen, Tomi, et al. "Linked brazilian amazon rainforest data." *Semantic Web* 5.2 (2014): 151-155.
- [2] Koubarakis, Manolis, et al. "Real-time wildfire monitoring using scientific database and linked data technologies." Proceedings of the 16th International Conference on Extending Database Technology. ACM, 2013.