

# François Blanchard

Geospatial Analyst · Spatial Data & Web GIS

Seville, Spain / [francois.fbl@gmail.com](mailto:francois.fbl@gmail.com) / +34 663 628 261 / [linkedin.com/in/blanchardfrancois](https://www.linkedin.com/in/blanchardfrancois)

---

## Profile

---

Geographer and GIS specialist with 12 years of experience in spatial analysis, cartographic production, and geospatial tool development. Proven ability to design and automate data pipelines, build web mapping applications, and translate complex territorial data into decision-support outputs for public authorities. Experienced in working remotely across international contexts, including urban planning missions in Belgium and a coastal development project in Panama.

## Technical Skills

---

<b>Geospatial &amp; GIS</b>	QGIS, PostGIS, GDAL, spatial SQL, raster processing, cartographic production at multiple scales
<b>Data &amp; Automation</b>	Python (data pipelines, automated exports, chart generation), PostgreSQL, GitHub
<b>Web Mapping</b>	MapLibre GL JS, Leaflet, GeoServer, MapServer, JavaScript, OpenStreetMap, WMS / WFS services
<b>Remote Sensing</b>	Satellite imagery interpretation, NDVI analysis, urban heat island mapping, terrain analysis, DEM processing
<b>Cartography</b>	Thematic mapping, atlas production, QGIS Atlas headless export
<b>Languages</b>	French (native), English (C1), Spanish (B2), German (B1)

## Professional Experience

---

**GIS Manager** · Agora Urbanisme 2025–Present  
Brussels, Belgium (remote)

- Built an automated cartographic pipeline integrating PostgreSQL data flows, chart generation, and QGIS Atlas headless exports into a single command.
- Administered a PostGIS server and developed an internal QGIS plugin enabling the team to produce harmonized maps with direct PostGIS access, preset styles, and symbology templates.
- Contributed to early implementation of the Walloon Territorial Development Scheme (SDT), with methodologies feeding into the shaping of the regional standard.

**GIS Consultant** · Agora Urbanisme 2021–2025  
Brussels, Belgium (remote)

- Developed spatial strategies and projective models for Communal Development Schemes (SDC), aligned with the Walloon Region's net land take zero objective by 2050, contributing to the preservation of natural areas and agricultural land.
- Designed and implemented a walkability and urban accessibility methodology (15-minute city framework) to assess service coverage at the communal level, supporting land use planning decisions.
- Processed raster and vector datasets using Python, GDAL, and PostGIS for planning decision-support outputs, including urban heat island mapping and NDVI analysis.

**Spatial Planner** · Hermosa Bay 2018–2021  
David, Chiriquí, Panama

- Produced land-use and site suitability analyses in a data-scarce environment, integrating field-collected data, topographic constraints, environmental impact assessments, and local planning rules.
- Designed parcel subdivision layout and spatial organisation of built and non-built areas using GIS-based methodologies.
- Provided on-site technical support during the field phase and continued remote analytical support afterwards.

## Professional Experience (continued)

---

**Urban Accessibility Consultant** · AMT-Concept asbl 2016–2018

Brussels, Belgium

- Built and maintained a georeferenced database for accessibility compliance, meeting regional standards of the Brussels-Capital Region.
- Produced socio-economic analyses and cartographic outputs supporting advocacy before regional institutions.
- Authored a practical guide for shop owners on designing accessible retail spaces for persons with reduced mobility.

**Science Educator** · Cap Sciences asbl 2015–2016

Belgium

- Designed and delivered hands-on science workshops for primary school pupils aged 5–12, making complex concepts accessible through applied activities.

**Cartographer** · Office de Tourisme des Terres d'Aurignac 2014

France

- Developed an interactive cartographic platform using Leaflet and JavaScript, displaying cultural landmarks and hiking trails for the local tourism office.

## Education

---

**Master's Degree, Geography and Spatial Planning** 2016

*Territorial Policies for Sustainable Development*

Université du Maine, France · With Distinction

Thesis: Urban renewal policies in the context of Sustainable Neighbourhood Contracts in Brussels.

First year completed at Université Libre de Bruxelles, Belgium (2013) · With Distinction.

**Bachelor's Degree, Geographical Sciences** 2012

*Environmental Sciences*

Université Libre de Bruxelles, Belgium

## Selected Projects

---

**UrbanAudit** · [urbanaudit.be](http://urbanaudit.be) 2024–Present

Independent web GIS platform providing parcel-level land constraint diagnostics across the entire Walloon Region. Built on MapLibre GL JS, PostGIS, and Python, with automated PDF report generation. Covers environmental, regulatory, and physical constraints sourced from official SPW and SPF Finances datasets.

**Visible Layers** · **QGIS Plugin** 2025–Present

Open-source QGIS plugin to filter and display only visible layers in a project. 5,000+ downloads across 145 countries since release.

[plugins.qgis.org/plugins/visible\\_layers](https://plugins.qgis.org/plugins/visible_layers)