



GeoDataDrones

Geospatial Drone Intelligence

At GeoDataLab, we strongly believe that to stay ahead of the times, one must already be focused on the future. This is why we invest in **research** and the **continuous training** of our staff.

GeoDataDrones is one of the outcomes of this commitment, along with the opportunity to collaborate with other companies to create cutting-edge solutions in areas like **Agriculture 4.0** and **Infrastructure Monitoring**, where we have already applied our acquired knowledge.

If you're interested in **partnering with us** for further developments and applications of GeoDataDrones, contact us today. We'd be happy to discuss it!



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GeoDataDrones originates from expertise in geospatial data management, drone fleet intelligence, U-space infrastructure positioning, and agricultural survey management.

geodatalab.it

GeoDataDrones

GeoSpatialDrone Intelligence as a Service

Our mission: to combine **geospatial and aviation intelligence** expertise in delivering **flexible and intuitive solutions** tailored to meet our customers' multifaceted demands and evolving challenges

Data Management for U-SPace



The management and processing of geospatial data is essential for making strategic decisions. This is our core expertise, built on years of experience.

Check out our project page to know more



We have conducted research on the **optimal positioning of vertiports**, developing an automatable process that integrates detailed maps, regulations, and flight restrictions.

We are co-authors of scientific publications in collaboration with other universities in Italy and abroad



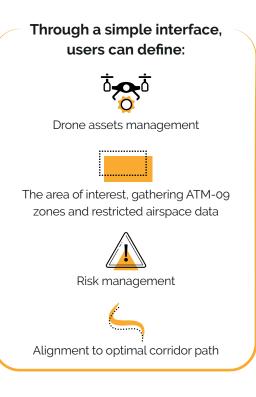


If the drone mission has interesting digital outputs (i.e., photogrammetry), an automated procedure will make their **products accessible** through the web.

We are a specialized team that points to technological innovation to develop cutting-edge **GIS software** solutions for businesses and territories.

Drone Fleet Data Intelligence

We have experience **developing software solutions** for drone operators, offering comprehensive tools for mission planning, management, and assessment.





The platform integrates cartographic layers and **real-time environmental data** for an in-depth situational awareness.

It allows you to integrate georeferenced information from different sources and in different ways.



The operator can **manage drone fleets**, general project information, mission reporting, and user management.

Aerial Intelligence for modern farming

The mobile app is designed to streamline the process of organizing and monitoring aerial surveys for agricultural purposes.

It provides useful tools for both **farmers** and **survey** administrators to effectively manage their operations.

Administrative functionalities allow users to assign parcels for surveying, considering either spatial (geographical) or administrative criteria, and to easily track which areas have been surveyed and which are still pending.

