# Drones in the Service of Forestry




***Single tree detection software uses drone data as the basis for estimating important tree parameters (tree position, height and diameter). Drones offer very precise terrain and inventory data and are very cost-effective.***

Drone images are commonly used today as optical support in the forestry sector. The Potential of drone data and parameters that can be generated from single tree detection software is far from exhausted. The innovative and creative aspect of the project is to crate a digital twin of the forest. This twin provides all important tree parameters for the researchers to model the forest, make estimations of interventions, plan and make predictions.

## VIŠE DETALJA

**IZAZOV**

5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš

**DOMENA**

Popis, procjena, praćenje

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

Istraživanje i razvoj

**VRSTA RJEŠENJA**

Senzori, mjerna oprema

**KLJUČNE RIJEČI**

Drones; Inventory; Management

**DIGITALNO RJEŠENJE**

Da

**INOVACIJA**

Da

**ZEMLJA PODRIJETLA**

Švicarska

**PODRUČJE PRIMJENE**

Nacionalna

**POČETAK I KRAJ GODINE**

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## REFERENCES AND RESOURCES

**GLAVNA WEB STRANICA**

https://www.grstiftung.ch/de/search~grs-047-17~.html

**WEB STRANICA PROJEKTA**

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**REFERENCA PROJEKTA**

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**IZVORI**

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

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