

Forest Drone: monitoring of forest areas subject to damage from wildlife ungulate noble

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

Forest Drone

Tematica

Agricoltura di precisione

Information

Time frame

2019 - 2022

Durata

36 months

Partners (no.)

6

Regione

Emilia-Romagna

Comparto

Forestale

Localizzazione

ITH55 - Bologna

ITH56 - Ferrara

Costo totale

€135.018,55

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP003: Italy - Rural Development

Programme (Regional) - Emilia Romagna

Parole chiave

Farming/forestry competitiveness and diversification

Supply chain, marketing and consumption

Soil management / functionality

Forestry

Project status

completed



Objectives

The main objective of the project is the development of innovative techniques for the prevention of damage to wildlife in forest areas and consequently an improvement of organic matter and carbon in the soil. From this point of view, considering the forest type of the Apennines of the Emilia Romagna Region and the type of applied silviculture, monitoring is particularly useful through the use of the UAS (Unmanned aerial systems) photogrammetric technique of the impact of noble ungulates on the vitality of the cut tree stumps

Activities

The main objective of the project is the development of innovative techniques for the prevention of damage to wildlife in forest areas and consequently an improvement of organic matter and carbon in the soil. From this point of view, considering the forest type of the Apennines of the Emilia Romagna Region and the type of applied silviculture, monitoring is particularly useful through the use of the UAS (Unmanned aerial systems) photogrammetric technique of the impact of noble ungulates on the vitality of the cut tree stumps

Partenariato

Forest Drone: monitoraggio delle aree forestali soggette a danneggiamenti da fauna selvatica ungulati nobili

2/3

<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/forest-drone-monitoraggio-delle-aree-forestali-soggette>

Role	Azienda	Address	Telephone	E-mail
Leader	Consorzio Futuro in Ricerca	Via saragat 1 44124 Ferrara FE Italy	0532762404	cfr@unife.it
Partner	Azienda Agricola Barbamoza Di Comellini Luca	Via Barbamoza, 155 40032 Camugnano BO Italy	3463935 301	
Partner	Obiettivo Verde di Davide Lucchini	Via dell'Artigiano, 16 40065 Pianoro BO Italy	333 192 1643	
Partner	Azienda Agricola Arsella di Pelagalli Pierluigi	Via Palmieri, 17 40038 Vergato BO Italy	3395645 714	
Partner	Confagricoltura Bologna	Via don Minzoni 679 40059 Medicina BO Italy	342 0671574	ufficiotecnico@confagricoltura.legalmail.it
Partner	DINAMICA s.c.a r.l.	Via Bigari 3 40128 Bologna BO Italy	051 360747	info@dinamica-fp.it

Pratiche abstract

Link utili

Titolo/Descrizione	Url	Tipologia
Droni e foreste	http://www.compagniadelleforeste.it/blog/169-droni-e-foreste-a-che-punto-siamo...	Link ad altri siti che ospitano informazioni del progetto

Forest Drone: monitoraggio delle aree forestali soggette a danneggiamenti da fauna selvatica ungulati nobili

3/3

<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/forest-drone-monitoraggio-delle-aree-forestali-soggette>

Titolo/Descrizione	Url	Tipologia
Software Agisoft Photoscan	http://www.agisoft.com/	Link ad altri siti che ospitano informazioni del progetto
Tree-Stump Detection, Segmentation, Classification, and Measurement Using Unmanned Aerial Vehicle (UAV) Imagery	http://www.mdpi.com/1999-4907/9/3/102	Link ad altri siti che ospitano informazioni del progetto