

Digitalized Groundwater Measuring Station System



Digitalized Groundwater Measuring Station System contains information about the movement of water which is very important for oak and other native species in forests.

In the last ten years, Croatia records an increased number of dried oaks. Due to the adverse effect of rainwater and groundwater, various pests, insects and caterpillars, the yield of forest seed is diminishing which is key in the renewal of oak forest areas.

Digitalized Groundwater Measuring Station System was developed within the project „Protecting the English Oak in the Hungary-Croatia cross-border region”. Project coordinator was forest company Mecsekerdő Zrt. from Hungary and project partner was Croatian Forest Ltd., Forest administration Našice (Croatia).

System contains information about the movement of water which is very important for oak and other native species in forests. Measuring Station System records groundwater oscillation and changes in pressure and registers new data every two hours. Forest managers can use this information for responding to the trend of decrease or increment of groundwater and timely respond to changes.

The main result of Oak protection project is the installament of cross border groundwater monitoring system, comprised of 50 stationary pipes, automatically

recording groundwater and meteorological data.

PODROBNOSTI

IZVOR LEŠA	POTENCIJAL ZA MOBILIZACIJO
Gozd	--
TIP LEŠA	TRAJNOST - VREDNOST
--	Zelo pozitivno
VRSTA OBRAVNAVANEGA LEŠA	ENOSTAVNOST IZVEDBE
--	--
VPLIV NA OKOLJE IN BIODIVERZITETO	ENOSTAVNOST IZVEDBE - OCENJEVANJE
--	Srednja
VPLIV NA PRIHODKE	KLJUČNI PREDPOGOJI
--	--
POTENCIJAL IZKORIŠČANJA	VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI
--	--
VOZLIŠČE	VPLIV NA DELOVNA MESTA
Jugovzhodno vozlišče	--
GOSPODARSKI VPLIV	STROŠKI IZVEDBE (EURO - €)
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POTREBNO SPECIFIČNO ZNANJE	
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**VEČ
PODROBNOSTI**

IZZIV	DOMENA	TIP REŠITVE
1. Izboljšava odpornosti gozdov in prilagoditev na klimatske spremembe	Gojenje gozdov, gospodarjenje z gozdovi, odpornost, Svetovanje in storitve za lastnike gozdov ekosistemskih storitev	
KLJUČNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
Water movement measuring station system.	Da	Da
IZVORNA DRŽAVA	OBSEG UPORABE	ZAČETNO IN KONČNO LETO
Hrvaška	Lokalni	2017 - 2019

**KONTAKTN
PODATKI**

LASTNIK OZ. AVTOR	POROČEVALEC
Croatian Forests Ltd, Forest Administration Našice	Competence Centre Ltd. for research and development Phd Ivan Ambroš ambros@cekom.hr

**REFERENCES
AND RESOURCES**

SPLETNA STRAN	VIRI
https://ec.europa.eu/regional_policy/en/projects/hungary/protecting-the-english-oak-in-the-hungary-croatia-cross-border-region	Video gallery
SPLETNA STRAN PROJEKTA	
http://www.oakprotection.eu/hr	
REFERENCA PROJEKTA	
Protecting the English Oak in the Hungary-Croatia cross-border region	

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

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