

## Targeted silviculture in Drinking Water Protection Zones (DWPZ)



In drinking water protection zones (DWPZ) it may be necessary to transform forest stands which are not site-conform into more stable stands. During this process it can occur that the tree species which are not site-conform become a source of wood through the specific silvicultural transformation strategies. The amount of achievable wood is medium, as the timber-cutting activities have to be in line with the requirements for DWPZ. In Austria the main tree species in such situations will be Norway spruce (*Picea abies*). In DWPZ the amount of timber (wood) achievable through forest stand transformation strategies can be given but is limited as the guidelines for silviculture in DWPZ have to be applied. Hence no clear-cut activities are allowed there. Despite this fact it will be necessary to transform homogeneous spruce plantations into more stable forest stands. This process will release a limited amount of timber (wood). Cutting of Norway spruce in DWPZ which grows on sites which are not adequate for it in terms of forest ecosystem stability could yield medium amounts of wood. This process of cutting Norway spruce on sites of e.g. beech forest hydrotopes will last until the forest transformation is fulfilled. In all cases the guarantee of forest ecosystem stability is more important than the amount of timber yield. Hence the quantities of timber released in DWPZ will be limited in all cases.

## DETALJI

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### PODRIJETLO DRVA

Šuma

### VRSTA DRVA

Deblo

### ODGOVARAJUĆA VRSTA DRVA

Stemwood

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive

### UČINAK NA PRIHOD

Less

### POTENCIJAL ISKORISTIVOSTI

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### SREDIŠTE

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### GOSPODARSKI UČINAK

Less

### POTREBNA POSEBNA ZNANJA

High

### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

Less

### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

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### JEDNOSTAVNOST PROVEDBE

Difficult

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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### KLJUČNI PREDUVJETI

Hydrotop model

### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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### UČINAK NA ZAPOŠLJIVOST

Positive

### TROŠKOVI PROVEDBE (EURO - €)

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## VIŠE DETALJA

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### IZAZOV

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### DOMENA

Upravljanje šumama, uzgoj šuma, usluge  
ekosustava, otpornost

Nepovoljni prirodni uvjeti, rizici, odgovor na  
katastrofe

### VRSTA RJEŠENJA

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### KLJUČNE RIJEČI

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### DIGITALNO RJEŠENJE

Ne

### INOVACIJA

Da

### ZEMLJA PODRIJETLA

Austrija

### PODRUČJE PRIMJENE

Nacionalna

### POČETAK I KRAJ GODINE

2018 -

### KONTAKT PODATCI

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### VLASNIK ILI AUTOR

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### IZVJESTITELJ

### REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

<https://boku.ac.at/wabo>

### 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

DATUM UNOSA

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