



SLOVENSKI STANDARD
oSIST prEN 18056:2024
01-april-2024

Kulturna dediščina - Arheološki les, prepojen z vodo - Opredelitev arheološkega lesa, prepojenega z vodo, v podporo postopkom odločanja za njegovo ohranitev

Cultural Heritage - Waterlogged archaeological wood - Characterization of waterlogged archaeological wood to support decision-making processes for its preservation

Charakterisierung von archäologischem Nassholz als Steuerungsinstrument

Patrimoine culturel - Bois archéologique gorgé d'eau - Caractérisation du bois archéologique gorgé d'eau dans le but de soutenir les processus de prise de décision concernant sa préservation

Ta slovenski standard je istoveten z: prEN 18056

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ICS:

97.195	Umetniški in obrtniški izdelki.	Items of art and handicrafts.
	Kulturne dobrine in kulturna dediščina	Cultural property and heritage

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en,fr,de

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European foreword

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This document is currently submitted to the CEN Enquiry.

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Introduction

Even if waterlogged archaeological wood appears intact or in good condition upon excavation, it can result in an extremely unstable state caused by alteration produced by different agents. Uncontrolled drying, or even limited exposure to an unchecked climate, may cause undesirable permanent deformations of the wooden structure altering the integrity of the wooden object.

In waterlogged environments the microbial activity usually starts at the surface of the object and proceeds inwards. It affects the physico-mechanical properties of the material (e.g. strength, hardness, shrinkage and density) and the structural chemical components of the wood cells.

The application of a preservation strategy will only be successful once full knowledge of the material to be preserved has been recorded. Characterization of the wood is essential in order to manage the finds on the site and to identify the options for further action regarding in-situ preservation, reburial, remedial conservation or preservation by record.

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