



WOODPDLAKE

Archaeological Wooden Pile-Dwelling in Mediterranean European lakes: strategies for their exploitation, monitoring and conservation

Project ID: JPICH-0099

Minutes Online Kick-off meeting

November 3rd, 2020 9:30 – 16:00

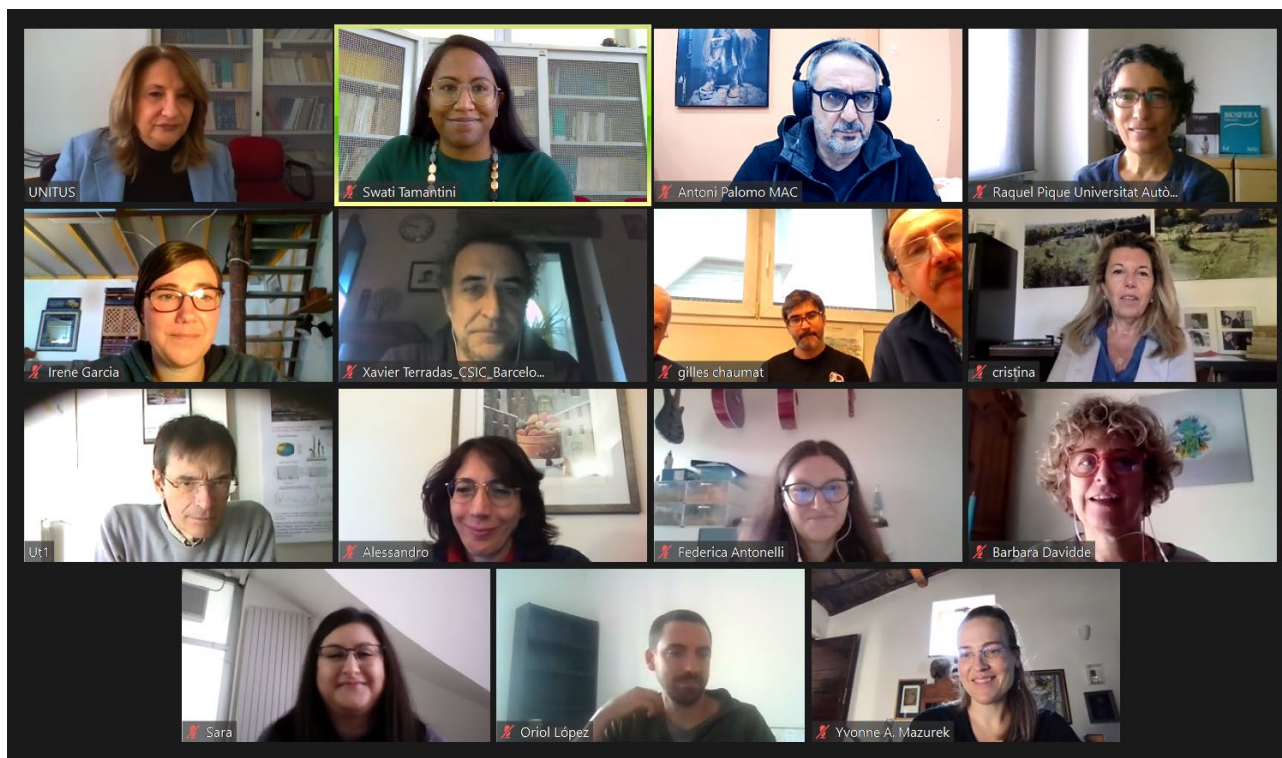
List of participants

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Agenda

Time	Activity	Responsible
9:00	Registration	Swati Tamantini
9:10	Welcome and introduction of participants	All partners
9:20	Project presentation	Manuela Romagnoli
9:40	Presentation of Bolsena and Mezzano Lake	Barbara Davidde
10:10	Presentation of La Draga Lake	Raquel Piqué
10:40	Break	
11:00	WP1 - State of the art	Raquel Piqué
11:30	Discussion	All Partners
11:40	WP2 - Wood degradation	Gilles Chaomat
12:10	Discussion	All partners
12:20	WP3 – Environmental conditions	Manuela Romagnoli
12:50	Discussion	All partners
13:00	Lunch break	
14:00	WP4 – Post excavation, Conservation and restoration	Giulia Galotta, Barbara Davidde
14:30	Discussion	All partners
14:40	WP5 - Communication	Manuela Romagnoli
15:10	Discussion	All partners
15:20	Financial and technical monitoring of the project	-
15:30	Final discussion	All partners
16:00	End	

Project partners presentation



Manuela Romagnoli welcomed all the participants, thanking for their coworking in the good achievement obtained in the project, she introduced the project to the partners. Afterwards Barbara Davidde and Raquel Piqué presented the case studies: respectively Bolsena and Mezzano lakes and La Draga lake. It was illustrated the discover of the sites and the analysis carried out until now.

Then the work of the different WP with the idea of the partners was showed.

WP1 - State of the art

Raquel Piqué explained the situation of the lakes. So, the first task aims to collect all relevant information from archaeological and environmental studies performed to date, to assemble current data sets, and to fill in knowledge gaps. UNITUS and ICR will handle the Italian sites Bolsena and Mezzano and UAB the Spanish one.

Moreover, UAB will be the one who is responsible for the database in which the data will be stored. The deadline of the task 1.1 is in 6 months (end of April) in the middle of January it will be an updating of the activities with the SC and at the end of January a meeting of all the partners (Deadline January 31st, 2021)

WP2 - Wood degradation

The activity will start in 7 months and in the meanwhile Gilles Chaumat will define the objectives for the characterization in order to list all the analysis that can be carried out for the wood degradation. He will be responsible to find the right protocol concerning the collection and management of the specimen.

Arc-Nucléart will take care of the NMR and XRD analysis for all site. UNITUS will deal with FT-IR mapping and GC-MS-PY analysis for all the sites. ARC-Nucléart will perform the analysis for the UAB, so for La Draga Lake, on the other hand, UNITUS and ICR will be involved in the analysis of Bolsena and Mezzano Lake wood remnants.

Deadline: around January 15th, 2021 for the preliminary list of the desired characters to be measured.

WP3 – Environmental conditions

Cristina Moscatelli showed the various analysis which can be performed on soils, both inorganics and biotics (pH, Ca, K, Mg, P, heavy metals as As, Pb, Cd, Zn, enzymatic activity etc...).

Before carrying out the campaigns in the field, it is necessary that UNITUS schedules a meeting with the stakeholders to evaluate the most appropriate period for collecting the samples. Thereafter, a seasonal water and sediment campaign is planned; UNITUS will deal with the biological part of the Bolsena, Mezzano and La Draga lakes.

It must be decided who will carry out the analysis of the inorganic part: Maria Cristina Moscatelli e Vittorio Vinciguerra will discuss this matter together. Arc-Nucléart is available to perform the analysis on inorganic compounds, while UNITUS can take care of the analysis of biotic elements.

For artificial aging through the construction of aquaria, ARC-Nucléart will deal with the simulations relating to Lake La Draga, while UNITUS and ICR will deal with lakes Bolsena and Mezzano, they will keep in touch for building the aquarium in order to make the results comparable..

These phases will start as soon as information on the climatic conditions of the sites is collected looking to the extreme climatic events and to the most reliable conditions for climatic stress.

For monitoring by UAV and territory vegetation it will be a separate meeting between Portoghesi and Maesano and Spanish colleagues.

WP4 – Post excavation, Conservation and restoration

Giulia Galotta (ICR) illustrated the situation regarding the conditions of the remains recovered from the lakes (state of degradation, restoration and conservation).

It was decided to carry out an inspection at Lake Bolsena, evaluating the conditions as this site was previously subjected to re-burial operations.

Development of restoration protocols involving nanotechnologies and nanomaterials and evaluation of the effects. It will be the follow-up of the experiments on nanocelluloses and lignins and together with Arc-Nucléart it will be the chance to make new investigations for example by XRD, NMR and other methods.

Comparison of the state of degradation between restored artifacts with artifacts recovered from previous campaigns from Lake La Draga, is in charge of Spanish colleagues.

WP5 - Communication

Creation of content to be promoted on various digital and social media platforms (creation of a website, Instagram, Facebook, LinkedIn, etc...), besides UNITUS will oversee the creation of the logo and will take care of the meeting and workshop to be made with the stakeholders.

UNITUS is responsible for the official repository of the project.

Press release in Italian will be in the next days for launching the project.

A meeting with stakeholders and AB is to be organized within the month of December.