



## PROGRAM



WEDNESDAY, OCTOBER 22, 2025

09:30 - 12:30

Inscription

### OPENING SESSION

12:30 - 13:00

Inauguration by the authorities

12:30 - 13:30

**Speaker 1: PAOLA SANGALLI (EFIB)**

Soil and Water Bioengineering is a Nature-Based Discipline for the New Nature Restoration Law

14:00 - 15:30

LUNCH

### SOIL BIOENGINEERING

15:30 - 16:00

**Speaker 2: ROSEMARIE STANGL (BOKU)**

Nature-Based Solutions for Climate-Resilient Infrastructure

16:00 - 16:15

**Presentation T1: PEP BARÓ AJUNTAMENT DE BARCELONA / TALIO)**

Slope reconstruction using mixed bioengineering techniques. The case of the slope of the Camí de Mas Sauró, 37-45

16:15 - 16:30

**Presentation T2: ABRIL MARTÍN (NATURALEA)**

Management of impacts of the Port Ainé ski resort (Pallars Sobirà) on slopes using Landscape Bioengineering techniques

16:30 - 16:45

**Presentation T3: JOSÉ LUIS GARCÍA (UPM)**

Alternatives for the defence of the banks of the Garganta Vieja Stream at the confluence with the Árrago River in the municipality of Descargamaría (Cáceres)

16:45 - 17:00

**Presentation T4: MERCEDES VALENZUELA (ECOINGENIA)**

Converting urban wastelands into fertile soils, CO2 sinks, by implementing native grasslands and regenerative livestock farming. (BIZKAIA)

17:00 - 17:15

**Presentation T5: PAOLA SANGALLI (SCIA SL)**

Manual of Soil and Water Bioengineering applied to linear infrastructures

17:15 - 17:30

PAUSE

17:30 - 18:00

**Speaker 3: GREGOR ŠUBIC**

Project "Constructing with living materials"

18:00 - 18:15	<b>Presentation T6: FEDERICO PRETI / SARA PINI (UNIV. OF FLORENCE)</b> Long-term monitoring of chestnut wood degradation in SWB structures using drilling resistance
18:15 - 18:30	<b>Presentation T7: GUILLERMO TARDÍO (UPM)</b> The calculation and stability checks, in the short and long term, of landscape bioengineering works. The Tardío&Mickovski methodology
18:30 - 19:00	<b>DISCUSSION - DEBATE</b>
19:00 - 20:00	<b>AEIP ASSEMBLY</b>
20:30 - 22:00	DINNER

## THURSDAY, OCTOBER 23, 2025

WATER BIOENGINEERING	
09:00 - 09:30	<b>Speaker 4: ANDRÉ EVETTE (INRAE)</b> Soil and Water Bioengineering techniques: ancestral Nature Based Solutions meeting the challenges of the Anthropocene
09:30 - 09:45	<b>Presentation A1: DANIEL ARIZPE (CIEF)</b> Analysis of the response of bioengineering techniques and different riverbank species in the Túria River, Valencia, to the floods caused by the Dana of October 2024
09:45 - 10:00	<b>Presentation A2: ANNE VALLEZ (UNIVERSITY OF BARCELONA)</b> Implementation of a pilot restoration to improve river self-purification and the operation of the riparian system
10:00 - 10:15	<b>Presentation A3: LUIS MONTENEGRO (IRATI PROYECTOS SL)</b> Confluence of the Cubo and Viñuelas streams (Illescas-Toledo)
10:15 - 10:30	<b>Presentation A4: EDUARDO MURILLO (TRAGSATEC)</b> Life Ebro resilience p1: Flood risk management through green infrastructure and adaptation measures
10:30 - 10:45	<b>Presentation A5: LAURA MANYER (MN CONSULTORS / AYTO. EL VENDRELL)</b> Executive project for the renaturation of the Bisbal stream and the Lluc and Cullerer torrents as they pass through the urban area of Vendrell. Phase 1 [RENAT3R]
10:45 - 11:00	<b>DISCUSSION - DEBATE</b>
11:00 - 11:30	COFFEE
11:30 - 12:00	<b>Speaker 5: ALBERT SOROLLA (NATURALEA)</b> Bioengineering, society and biodiversity
12:00 - 12:15	<b>Presentation A6: ALDO FREITAS (ECOSALIX)</b> Strambank stabilization in River Póvoa, Loures, Portugal
12:15 - 12:30	<b>Presentation A7: GUILLERMO TARDÍO (UPM)</b> NextGenerationEU project for the renaturation of the Guadarrama river as it passes through Collado Villalba (Madrid)
12:30 - 12:45	<b>Presentation A8: BET MOTA (NATURALEA)</b> Environmental improvement and construction of a lamination pond in the Sant Cugat stream, PDU from Parc de l'Alba to Cerdanyola del Vallès
12:45 - 13:00	<b>Presentation A9: JAUME PASCUAL (TALIO)</b> Environmental improvement and construction of a lamination pond in the Sant Cugat stream, PDU from Parc de l'Alba to Cerdanyola del Vallès
13:00 - 13:15	<b>Presentation A10: SERGIO SANGALLI (SCIA SL)</b> Solutions to flooding problems in the urban area of Bakio (Bizkaia) from Soil and Water Bioengineering
13:15 - 13:45	<b>DISCUSSION - DEBATE</b>
13:45 - 14:30	<b>Speaker: ANDREU GONZÁLEZ (PROJECTE BOSCOS DE MUNTANYA)</b> NextGeneration CustForest Project: bioengineering for the promotion of forestry bioeconomy and biodiversity <b>SITE VISIT: Andreu González (PROJECTE BOSCOS DE MUNTANYA) - Lluís Mor (NATURALEA)</b>
14:30 - 15:30	FOOD
15:30 - 16:00	<b>Speaker 6: MONTSERRAT SOLANELLES (FORESTAL CATALANA)</b> Bioengineering in Forest Engineering: From Theory to Practice. Fifteen-year study
16:00 - 16:15	<b>Presentation A11: ADRIAN LÖCHNER (NATURALEA)</b> Treatment of water from the first flush with nature-based bioremediation systems
16:15 - 16:30	<b>Presentation A12: ADRIÀ CASACUBERTA (UNIVERSITY OF BARCELONA)</b> Study of the effect of phytoremediation on highly anthropized Mediterranean rivers. The Urban River Lab (URL) as a platform for the development of nature-based solutions

16:30 - 16:45	<b>Presentation A13: CARLES PALAU</b> ( <i>THREE TURONS FOOD</i> ) Application of submerged aquatic plants in aquatic ecosystem recovery projects
16:45 - 17:00	<b>Presentation A14: FRANCESC SABATÉ</b> ( <i>UNIV. OF BARCELONA</i> ) Quaternaries to improve WWTP effluents
17:00 - 17:30	PAUSE
17:30 - 18:00	<b>Speaker 7: CARLA ROLO ANTUNES</b> ( <i>UNIVERSITY OF ALGARVE</i> ) Bioengineering application for coastal resilience
18:00 - 18:30	<b>Speaker 8: GIANLUIGI PIRRERA</b> ( <i>CEO at AIPIN</i> ) Bioengineering at the Venice Architecture Biennale
18:30 - 19:00	<b>DISCUSSION - DEBATE</b>
19:00 - 20:00	<b>EFIB ASSEMBLY</b>
20:30 - 22:30	AEIP DINNER - EFIB
<b>FRIDAY, OCTOBER 24, 2025</b>	
<b>BIOENGINEERING PLANNING AND URBAN ENVIRONMENT</b>	
09:00 - 09:30	<b>Speaker 9: MAXIMILIANO SCHWARTZ</b> ( <i>UNIV. FROM BERNE. BFH</i> ) From Data to Design: Quantitative Methods in Water and Soil Bioengineering
09:30 - 09:45	<b>Presentation U1: SARA PINI</b> ( <i>UNIVERSITY OF FLORENCE</i> ) Soil and Water Bioengineering and Nature-Based Solutions in Italy: Voice of the Practitioners
09:45 - 10:00	<b>Presentation U2: LUIS MONTENEGRO</b> ( <i>IRATI PROYECTOS SL</i> ) Renaturalisation of vacant spaces in the urban fabric of the West Neighbourhood of Rivas Vaciamadrid
10:00 - 10:15	<b>Presentation U3: GINA SOROLLA</b> ( <i>NATURALEA</i> ) Urban slope management
10:15 - 10:30	<b>Speaker 10: HENNING GÜNTHER</b> ( <i>Hochschule für Technik und Wirtschaft Dresden Fakultät Landbau / Umwelt / Chemie Fachgebiet Garten- und Landschaftsbau</i> ) Soil and Water Bioengineering – process-orientated approaches to nature-based solutions. Examples from teaching and research
10:30 - 10:45	<b>DISCUSSION - DEBATE</b>
10:45 - 11:15	COFFEE
11:15 - 11:45	<b>Speaker 11: FEDERICO PRETI</b> ( <i>UNIVERSITY OF FLORENCE</i> ) Bioengineering as NBS (Nature-Based Solution)
11:45 - 12:30	<b>ROUND TABLE</b>
12:30	<b>CONCLUSIONS AND CLOSING OF THE CONGRESS</b>
13:30	<b>EXCURSION. TRAIN TO RIBAS</b>