



EFIB News March 2024



On 27 February last, the European Parliament approved the **Nature Restoration law**.

This law will allow:

- At least 20% of terrestrial and marine areas will be restored by 2030 and all other ecosystems in need of restoration by 2050.
- Member States must work to restore specific habitats including the most anthropized habitats, such as agricultural, forest, and urban habitats. The new regulation also calls for the removal of barriers and the improvement of water connectivity on at least 25,000 kilometers of rivers, reversing the decline in pollinator populations and diversity, the obligation to improve the ecological status of agricultural and forest ecosystems, and the impossibility of reducing urban green spaces.
- The aim is to enhance biodiversity, meet EU climate and biodiversity targets, and strengthen food security.

We welcome this law, which has not been approved without obstacles, and allow us to reverse the trend of degradation towards restoration. We strongly recommend learning about this law and its scope of application.

Let's get down to work

As in the past EFIB news, we will renew the desire to contribute, in these uncertain times, with improving the understanding of man with nature and man with HIS nature. For peace, always, and for the Earth too

WORKSHOPS, COURSES and CONFERENCES from EFIB MEMBERS

EGU24 - Session NH3.13: Nature-based and bio-based solutions for geohazard mitigation on slopes and streambanks

Convener: A. Proczko / Co-conveners: V. Capobianco, A. Evens, P. Sangalli, S. Hirtlberger



Orals | Tuesday , 18 April , 14:00–15:45 (CEST) Room 1.15/16

Posters on site | Attendance Friday , 19 April , 10:45–12:30 (CEST) | Display Fri, 19 Apr, 08:30–12:30 Hall X4

Posters virtual | Attendance Friday i, 19 April , 14:00–15:45 (CEST) | Display Fri, 19 Apr, 08:30–18:00 HALL X4

EGU24 – (Vienna & online). 14–19 April 2024

We are organizing a session on nature-based solutions - and bio-based solutions to mitigate the effects of landslides and erosion at EGU24 - European Geosciences Union. The objective of the session is to stimulate the interdisciplinary exchange of knowledge on nature-based (such as Soil and Water Bioengineering, vegetation use, capillary barriers, ...) and bio-based (such as MICP calcite induced by microbial activities, bio-polymers...) solutions for the mitigation of risks related

to hydro-geological disasters, with particular attention to landslides and erosion on slopes and streambanks, including biodiversity and ecosystem services dimensions.

The session has been organized by:

Alessandro Fraccica, Vittoria Capobianco, André Evette, Paola Sangalli, Stephan Hörbinger (ISPRA – Italian Institute for Environmental Protection and Research, NGI - Norwegian Geotechnical Institute, INRAE – French National Research Institute for Agriculture, Food and Environment, EFIB – European Federation of Soil and Water Bioengineering, BOKU – University of Natural Resources and Life Sciences, Vienna)

[HERE YOU CAN FIND THE PROGRAMM OF OUR SESION](#)

More information and the session description can be found in the attached flyer and here: <https://meetingorganizer.copernicus.org/EGU24/session/48555>



14th European Conference on Ecological Restoration

Bridging Science, Practice, and Policy of Nature Restoration

26-30 August 2024

Estonia - Tartu

[European Capital of Culture 2024](#)

SERE2024 is an international conference organised by the European Chapter of the Society for Ecological Restoration (SERE), taking place in Europe every two years. Ecological restoration is a topic that holds a prominent place on both political and scientific agendas. As in precedent SERE Conference.



organizes one short course and one session about Soil and Water Bioengineering

Soil and Water Bioengineering is a specific discipline that combines technology and biology in which native plants and plant communities are used as living building material to solve erosion and conservation problems, contributing to the regeneration of degraded ecosystems due to natural or anthropic causes, regenerating dynamics of ecological and geomorphological processes and to the recovery of Biodiversity. It is a nature-based solution with applications in the restoration of wetlands, grasslands, forests, rivers, agroecosystems, and urban and marine ecosystems.

SHORT COURSE: *Soil and Water Bioengineering as Nature-Based Solution. An introduction*

25th AUGUST at TARTU-Estonia

Course Objectives:

- Know the principles and action areas of Soil and Water Bioengineering
- Know the main techniques used at both field level and river slope stabilization

- Using the model workshop at 1:20 scale to explain the main construction methods of Soil and Water Bioengineering techniques
- Duration 6 hours Morning and afternoon

[PROGRAM OF THE COURSE](#)

SPECIAL SESSION conducted by **EFIB: Nature Based Solutions: Examples of Soil and Water Bioengineering in Urban Restoration & Green Urbanism**

Call for abstracts is open till 01.04.2024 Send your proposition to our session

[MORE INFORMATION](#)



Rhône, Rone, Rodano

Excursion EFIB 16-21 SEPTEMBER 2024
visiting the Rhône basin

From the hydraulic laboratory of Sinon in Switzerland to the Delta (via Chambéry, Lyon, Valence, Crest, Avignon and Arles), we are preparing a trip to visit different renaturation and restoration works carried out in the basin in a journey that will combine technique with culture, landscape and gastronomy.

The program will be published at the end of March in a special EFIB NEWS and we will keep you informed.

SAVE THE DATES

[PRELIMINARY PROGRAM](#)



Curso: Introducción a la Bioingeniería del Paisaje, una Solución Basada en la Naturaleza Course: Introduction to Landscape Bioengineering, a Nature-Based Solution

Organizado por COBE (Colegio Oficial de Biólogos de Euskadi) en colaboración con AEIP y EFIB

Fecha: 12 de abril de 2024

Horario: 9:30 h a 13:30 h y de 15:30 h a 17:30 h

Duración del taller: 6 horas

Lugar: Mondragon Unibertsitatea, c/Uribitarte , 6. Bilbao, Sala 308

Número de participantes: Mínimo 15, máximo 20

Precio: Colegiadas/os y precolegiadas/os y socios/as AEIP: 60€ / Resto de inscripciones: 100€

AEIP ha elaborado un recorrido formativo que implica cuatro tipos de cursos para poder certificar la formación en Bioingeniería del Paisaje. Se trata de un certificado propio (certificado profesional) de la Asociación Española de Ingeniería del Paisaje.

Esta formación incluye cuatro cursos: Introducción, Bioingeniería del Paisaje en Laderas, Bioingeniería en riberas, Proyecto y ejecución. AEIP.

Este curso forma parte de este recorrido formativo.

Organized by COBE (Official College of Biologists of the Basque Country) in collaboration with AEIP and EFIB.

Date: April 12, 2024

Schedule: 9:30 h to 13:30 h and 15:30 h to 17:30 h

Duration of the workshop: 6 hours

Place: Mondragon Unibertsitatea, c/Uribitarte , 6. Bilbao, Room 308

Number of participants: Minimum 15, maximum 20

Price: Members and AEIP members: 60€ / Other registrations: 100€.

AEIP has developed a training course that involves four types of courses to certify training in Landscape Bioengineering. This is an own certificate (professional certificate) of the Spanish Association of Landscape Engineering.

This training includes four courses: Introduction, Landscape Bioengineering in slopes, Bioengineering in riverbanks, Project and execution. AEIP.

This course is part of this training course.

[PROGRAMA / PROGRAM](#)

[INSCRIPCIONES / REGISTRATION](#)

VIB Members' Meeting

The VIB Members' Meeting will take place on **Friday 26 April 2024** at 9.30 a.m. in Düdingen. In the afternoon, we will be visiting slope stability and bioengineering projects in Plaffeien with SIA Wald. Ends at 17:15 in Guin.

Die Mitgliederversammlung VIB findet am Freitag 26. April 2024 9.30 in Düdingen statt. Am Nachmittag besichtigen wir gemeinsam mit SIA Wald Projekte zu Hangstabilität und Ingenieurbiologie in Plaffeien. Ende 17.15 in Düdingen.

Assemblée des membres VIB L'assemblée des membres VIB aura lieu le vendredi 26 avril 2024 à 9h30 à Düdingen. L'après-midi, nous visiterons avec SIA Wald des projets sur la stabilité des pentes et le génie biologique à Plaffeien. Fin à 17h15 à Guin. Possibilité d'inscription à suivre

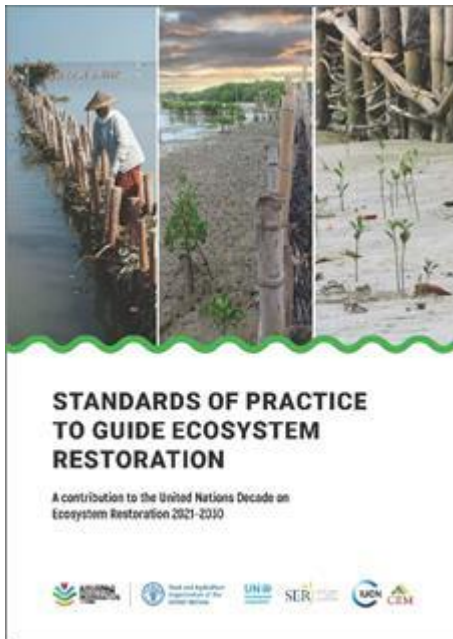
OTHER WORKSHOPS, COURSES and CONFERENCES

WEBINAR ECRR: European Centre for River Restoration

Advancing Freshwater Ecosystem restoration 25 Years Freshwater Policies, River and Wetland Restoration, Best Practice Restoration Development and ECRR's Pioneering Catalyst Role.

Webinar celebration set for **25th March 2024**, from **16:00 to 18:00 H**, CET. This event is all set to happen on Zoom, register and gather more information reaching out to us at secretariat@ecrr.org

RESEARCH and NEW PUBLICATIONS



The United Nations Decade on Ecosystem Restoration 2021–2030 (hereafter “UN Decade”) recognizes the critical need to prevent, halt and reverse the degradation of the world’s ecosystems. UN Decade partners, through a consultative process, offered **ten principles for ecosystem restoration** to create a shared vision and increase the likelihood of achieving the highest level of recovery possible.

To facilitate application of these principles to restoration projects, *the Standards of practice to guide ecosystem restoration* provides key recommendations for the entire restoration process, which can be applicable across all sectors of society, land or sea uses, ecosystems and regions, and to the broad array of ecosystem restoration activities under the UN Decade.

The goal of this document is to provide an overview of the Standards of practice.

[Here](#) you can find this document



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