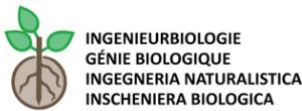




# EFIB News January 2024

Dear members and friends. Here some conferences related with SW Bioengineering where some of our members intend to participate.

## RESEARCH and NEW PUBLICATIONS



## Special issue of the journal Soil Bio-Engineering In Memoriam Florin Florineth

### Call for Papers

The Call for Papers is open for scientific contributions to be published in the journal of the Swiss Association for Soil Bio-Engineering *In Memoriam Florin Florineth* to be published in autumn 2024.

#### GUIDELINES FOR AUTHORS

- Manuscripts can be written in the following languages: English, Italian, French or German. Preferably they should be written in the languages of the respective associations/authors.
- Summary and captions, if possible already in Italian, French and German. Translations can also be made by the editorial team after submission.
- The guidelines for contributions can be downloaded from the following link (only available in German and French): <https://www.ingenieurbiologie.ch/de/fachzeitschrift/richtlinien>

#### IMPORTANT DATES

- **19 January 2024:** Opening of the call for papers
- **9 February 2024:** Submission of proposals for contributions (at least title and authors)
- **23 February 2024:** Notification of acceptance
- **14 June 2024:** Deadline for submission of contributions

**18 July 2024:** Notification of possible revisions

#### MORE INFORMATION IN OTHER LANGUAGES

## 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. Fraccica / Co-conveners: V. Capobianco; A. Evette, P. Sangalli, S. Hörbinger



## 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)

In the next EFIB news we will announce the program

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



### 6th International Conference on Soil Bio- and Eco-engineering The Use of Vegetation to Improve Slope Stability

Xalapa, Mexico, 30 June - 4th July 2025

This conference is the sixth in the series 'The Use of Vegetation to Improve Slope Stability.' The first congress was held at Thessaloniki, Greece, 2004 and since then, conferences have been held in China, Canada, Australia and

Switzerland. Attendees will unite to discuss science and practice when managing vegetated slopes. Topics range from ecology and soil science to civil engineering and cover a multitude of scales from micro- to ecosystem level.

The conference will take place at the University of Veracruz in Xalapa, Mexico. A field excursion will be organized to appreciate the unique geology and vegetation of this volcanic region.

**The Organizing Committee**

Katrin SIERON (University of Veracruz, Mexico)

Alexia STOKES (INRAE, France)

Rafael TORRES (University of Veracruz, Mexico)

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## INTRODUCTION TO SOIL AND WATER BIOENGINEERING

Workshop 10 and 11 May 2022

SPAIN



### Soil and Water Bioengineering in gullies and ravines

The practical workshop took place on May 10 and 11, 2023 in Ciudad Rodrigo.

The workshop consisted of the application of Soil and Water Bioengineering techniques for the control of gullies and surface erosion in waste dumps to be restored.

The techniques chosen were :

- Transversal barriers on slopes
- Transversal barriers in gully with biorolls.
- Transversal barriers in a gully with vegetal material
- Preparation of the vegetal material, classification
- Construction of a trench





**On the left: Construction of bioroll barriers. Details and construction process.** Placement of escobas branch (*Cytisus* sp) at the foot of the barrier to protect the barrier support zone

**On the right: Vegetation barrier details with branches.** Made during the workshop



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## PORTUGAL

### Workshop on the principles of Soil and Water Bioengineering

In November 2023, ECOSALIX one of our members - Ecological Systems of Soil and Water Bioengineering, in collaboration with APAP - Portuguese Association of Landscape Architects and MONTIS - Association for Nature Conservation, held a workshop on the principles of Soil and Water Bioengineering. The event lasted two days and took place in Malveira (Sintra) and Loures. Several topics were covered, fundamentally the bases of this discipline and its advantages, the importance of vegetation and its biotechnical characteristics, as well as the presentation of a wide range of erosion control and ecological restoration techniques, which focus mainly on the landscape integration of effective methods and solutions that promote soil stability and the revitalization of ecosystems.

In addition to the theoretical component, participants had the opportunity to apply the knowledge acquired in practical activities, with the application of some torrential correction techniques in a small water line, on a property managed by MONTIS. On the second day of the workshop, there was a field trip to the work promoted by the Municipality of Loures, "Sustainable Control of Floods in Ribeira da Póvoa and Rio de Loures."



## OTHER WORKSHOPS, COURSES and CONFERENCES

IFLA 60<sup>th</sup> WORLD CONGRESS  
**CODE RED**  
FOR EARTH  
04-06 SEPTEMBER 2024  
İSTANBUL-TÜRKİYE

Earth is experiencing an unprecedented rate of change. We are all living with 'Code Red'. The scaleless and boundless nature of environmental crises creates an irreversible degradation in terrestrial, atmospheric, and aquatic environments that harm all living and their habitats. A considerable amount of the world's population is affected daily by climate change and severe disasters, facing livelihood destruction, land-use change, habitat encroachment, extinction of species, and wildlife crime posing a significant threat to the future of the Earth and all living.

Herein, the 2024 IFLA 60th World Congress calls for humankind to take urgent action to prevent the worst impacts of environmental crises. Acknowledging human responsibility, the congress invites policymakers, professionals, scientists, and individuals on stage to establish discourse and course for the Earth's future.

Addressing landscape architecture as a professional and academic practice that is deeply and firmly rooted in built environments' relationship to nature, we intend to foreground the mediatory/mediating and catalytic role of Landscape Architecture and invite our esteemed scholars, researchers, educators, and practitioners to join this pivotal world conference.

The three-day congress intends to discuss anthropogenic impacts on the Earth system and establish scenarios by forming an action-oriented interaction ground rather than only (re)pointing out the problems.

The IFLA World Congress 2024 seek submissions within three tracks:

- Scientific or practice abstracts
- Design projects
- Open – If you would like to submit other material that does not fit in to the other categories

**\* The deadline for submitting is 19 February 2024 23.59 hours (GMT)**

\*\* Academicians, researchers, practitioners and postgraduate students from relevant fields are welcome to submit.

[MORE INFORMATION](#)

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## **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. The decline in biodiversity demands our urgent attention, and degraded ecosystems around the world require an effective and knowledge-driven path to recovery. The EU is actively working on the Nature Restoration Law, and in 2024, new and ambitious goals and actions to reverse biodiversity decline in Europe will be agreed upon. The sessions will cover topics ranging from the theory and practice of restoring various ecosystems (wetlands, grasslands, forests, rivers, agroecosystems, urban and marine ecosystems) to the socioeconomic and political contexts of ecological restoration. Special focus will be put on discussions focused on the development of national restoration plans under the new EU law.

The call for abstracts is open from **10.02.2024 - 01.04.2024**

[MORE INFORMATION](#)

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