



6th ISEE

INTERNATIONAL SEMINAR ON
EARTHWORKS IN EUROPE

JUNE 1-3, PARIS 2027

Earthworks, the major challenge for infrastructures



Photo. Eco Vivo

CALL FOR PAPERS

The 6th European Seminar will focus on the main technical, environmental and societal challenges related to earthworks, with contributions from leading international experts and major players in the infrastructures sector.

under the auspices of



CEN/TC396



www.earthworks2027.org

THE SEMINAR

This scientific and technical gathering will bring together global stakeholders, including asset owners, leading experts, researchers, and contractors, to discuss the latest advancements, share breakthroughs, and address the critical challenges shaping the future of transport infrastructures and major earthworks.

As the industry faces unprecedented environmental, regulatory, and technological shifts, ISEE6 will serve as a vital platform for exploring the evolution of European standards and the harmonization of soil classification and quality control frameworks.

A significant focus will be placed on the digital transformation of the profession, highlighting innovations, BIM integration for linear infrastructures, site digital twins, and autonomous equipment that enhance both efficiency and operator safety.

In response to global climate urgency, the seminar will deeply explore the themes of sustainability, circular economy, and infrastructure resilience. Discussions will cover material treatments—ranging from traditional binders to innovative low-carbon alternatives, enzymatic solutions, and biopolymers—designed to optimize the reuse of local soils and excavated materials. Furthermore, the program will address the long-term resilience of earth structures against severe climate variations, such as extreme wet-dry cycles, and slope instability.

Concurrently, the event will highlight nature preservation through bio-engineering solutions, ecological slope stabilization, and sustainable on-site water management. These technical and ecological advancements will be grounded in real-world applications, featuring operational feedback and case studies from major, complex earthworks projects worldwide.

Finally, the seminar will welcome discussions on emerging industry trends, legal frameworks for soil management, and the evolution of academic and professional training.

By blending technical rigor with ecological responsibility, ISEE6 aims to chart the course for smarter, low-carbon, and highly resilient earthworks practices for the decades to come.

Remember, infrastructures are very important for our societies, for security, for the economy.

Our field, earthworks represents 80% of the construction of road infrastructures. It goes without saying how important this seminar is, and how much we need your contribution.

TOPICS

1. Earthworks and European standards

- European standardization framework
- Progress of EN 16907 “Earthworks”
- Related normative documents
- Eurocodes 7
- Use cases and feedbacks on existing standards

2. Earthworks profession evolutions and innovative advances

- Focus on the profession
- BIM ; Artificial intelligence ; Drones and digital surveying
- Workforce safety
- On-site weather forecasting software
- New engine technologies
- Alternative energy sources
- New earthmoving methods

3. Earthworks and materials treatment

- Soil treatment guidelines
- Hydraulic structures (levees, dams and related works)
- New treatment products
- Reduction of greenhouse-gas emissions in treatment processes
- New testing methods
- Durability

4. Earthworks and Resilience, climate change and sustainability

- Decarbonisation
- Adaptation to climate change
- Life-Cycle Assessment and calculation tools
- Maintenance and strengthening of earth structures
- Asset management for earthworks and geotechnical assets

5. Earthworks and nature preservation

- Ecological engineering and renaturation (accounting in France for 15–20% of earthworks turnover)
- Restoration and reconditioning of wetlands
- Nature-based solutions
- Landscape integration
- Repair of existing structures
- Contribution to climate-change adaptation
- Environmental acceptability of projects

6. Earthworks and circular economy

- Waste recovery and beneficial reuse
- Alternative materials
- Reuse of excavated soils
- Traceability
- Environmental comparison tools

7. Major earthworks projects

- Seine–Nord Europe Canal
- High Speed 2
- Other European and international projects
- (Rhône river protection levees)

IMPORTANT DATES

2026

- June : Call for papers
- 15 Sept. : Abstract submission deadline (250 words)
- October : Selection of abstracts
- 15 Oct. : Registrations opening and preliminary programme
- 15 Nov. : Notification to authors and request for full papers

2027

- 15 Jan. : Final papers received
- Feb-March : Review process and modifications notified to authors
- March-April : Final presentations submitted and validated
- 1-3 June : ISEE6

ABSTRACT SUBMISSION

- Abstract Formatting:
 - All abstracts must be written in English
 - The abstract title is limited to 2 lines
 - A maximum of 250 words is required for the abstract text
 - No figure or table is allowed
 - Submission deadline: 15 September

[https://earthworks2027.org/authors information and submission](https://earthworks2027.org/authors%20information%20and%20submission)

GENERAL INFORMATION

<https://earthworks2027.org/>

CONTACT

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