

EarthSoft Brings Practical Solutions to Environmental Contaminant Challenges at NICOLE Spring Workshop

EarthSoft showcases how EQuIS helps manage industrial contaminants with smarter data tools for monitoring, modelling, and risk assessment.

FRANKFURT, GERMANY, May 12, 2025 /EINPresswire.com/ -- EarthSoft's Chief Commercial Officer,

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We wanted to show not just the power of the technology, but how it can make life easier for people working with complex environmental data”

*Dan Alexander, Chief
Commercial Officer, EarthSoft
Inc.*

Dan Alexander, presented a poster at NICOLE's Spring Workshop in Frankfurt, on how EQuIS™ helps organizations better manage industrial contaminants in the environment. The need for smart, scalable solutions has never been more urgent with industrial pollutants increasingly spreading through soil, sediment, and water.

EQuIS is EarthSoft's centralized data management software that helps users gather, organize, and make sense of environmental data. At the core of the presentation was a practical focus: how to use EQuIS for monitoring, modelling, and risk assessment in a way that supports

sustainable site management.

Highlights from the Presentation were:

- **Monitoring:** EQuIS brings together data from water, soil, and air sources into a secure, centralized system—making analysis faster and more reliable.
- **Modelling:** Software tools forecast trends, run environmental scenarios, and support decisions about site management and cleanup.
- **Risk Assessment:** The Risk3T module compares their data to regulatory benchmarks, runs custom calculations, and generates detailed reports in an interactive workspace.

EQuIS supports a more sustainable circular economy by improving data quality and reusability. It also plays a key role in regulatory compliance, environmental resilience, and the redevelopment of contaminated areas.

The poster also emphasized the importance of data-driven collaboration among all stakeholders—including government agencies, industry, and consultants—when it comes to tackling the challenges of environmental contamination.

Visit www.earthsoft.com to learn more about EQuIS or request a demo.

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NICOLE Conference 27-28 March 2025

EQuIS™
Environmental Data Management
Monitoring, Modelling, and Risk Assessment with EQuIS for Sustainable Management of Industrial Contaminants

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SCAN HERE

Managing emerging, persistent mobile industrial contaminants within the soil-sediment-water system presents a critical challenge. Delving into the intricacies of environmental data management, specifically through EQuIS, can be quite rewarding and effective. Let's break down some key features of EQuIS that make it a suitable platform for monitoring, modelling, and risk assessment.

Monitoring
EQuIS excels in data centralization; it efficiently gathers data from various environmental sources, such as water, soil, and air. This centralized database ensures that data storage is standardized and secure, paving the way for detailed analysis and comprehensive management of environmental datasets.

Risk Assessment
The Risk3T module stands out in EQuIS, which significantly helps in performing thorough risk assessments. Here's what you can achieve with it:
Calculate Summary Statistics: Generate precise summary statistics relevant to your environmental data.
Screening Level Comparisons: Compare your data findings with regulatory screening levels to identify areas of concern.
Detailed Reports: Generate detailed risk assessment reports tailored to your specific needs.
Interactive Workspace: Use the interactive workspace to manage your project-specific calculations and regulatory levels with ease.

Modelling
EQuIS offers powerful analytical tools to facilitate complex environmental modelling, predict trends, and analyze different scenarios. Various models help users assess environmental impacts and support effective data-driven decision-making processes.

Advantages
An advanced centralized data management system is essential for managing emerging, persistent mobile industrial contaminants in the soil-sediment-water system. It promotes a sustainable, circular economy by improving data quality, securing data as a reusable asset, and offering effective and efficient tools for monitoring, modelling, and risk assessment.
Additionally, an advanced and centralized data management system enables environmental resilience, regulatory compliance, and supports the sustainable redevelopment of contaminated sites.
Knowledge development and transfer are furthered through effective data management as it drives understanding and promotes data-driven decision-making by all stakeholders, including industry, government agencies, consultants, and communities.

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