



NICOLE

Network for Industrially Co-ordinated Sustainable Land Management in Europe

Call for Abstracts

Risk Assessment

European Policy and Best Practice Application

Policy Developments / Innovation / Emerging Contaminants / Case studies / Competence

NICOLE Fall workshop 2019

7 - 8 November

**Polish Academy of Science
ul. Nowy Świat 72
00-330 Warszawa , Warsaw , Poland**



The NICOLE network promotes the concepts of risk based specific and cost-effective sustainable land management. This workshop will explore the current status of risk assessment policies and best practice applications across Europe, identifying cutting edge innovation, showcasing practical case studies and asking how we ensure risk assessor competence.

The host country for the workshop, Poland, has recently introduced risk-based legalisation. This presents an ideal opportunity for the network to reflect on the current status of risk assessment policy across Europe. Are risk-based policies becoming more or less common? How does this sit alongside the objectives of the EU directives that are relevant to soil and groundwater contamination Do we have examples of progressive risk assessment policy approaches being applied?

The main themes of the Workshop are:

Policy Developments

Policy advocates (public agencies and remediation or legal practitioners) across Europe are encouraged to share their experiences and case studies of risk assessment legislation. How is risk assessment viewed by the regulator? How does risk assessment policy work in practice alongside the objectives of the WFD? Is there an appetite in your country for more or less risk assessment legislation? Has new legislation recently been implemented in your country and how effective has this been in practice? Do you have examples of tiered risk assessment policy approaches being applied?



Innovative Approaches to Groundwater Risk Assessment

Only a small number of fate and transport (F&T) models are commonly applied across the industry. What advancements have we made to these tools and common approaches in recent years? How can we better define the key model input parameters? What complimentary approaches can we use to improve the accuracy of our models? What are the future approaches or models we can expect to use in 5, 10, 20 years?

Innovative Approaches to Human Health Risk Assessment

What are the cutting-edge approaches in the field of Human Health risk assessment? Are we too reliant on model assumptions? Do we have innovative case studies of refining a model which leads to better identification of the level of risk? Is 'big data' changing the way we complete our assessments?

Emerging Contaminants

What are the leading approaches to assessing the risks posed by emerging contaminants? What learning from other industries should we be considering?

Risk communication and stakeholder engagement

What major impediments have you encountered in communicating or explaining existing or remaining risks? How did you overcome them? What success stories can you share? What particular approaches in engaging with stakeholders (the general public, authorities, neighbours, ...) can you share?

Case Studies

Can you provide a case study of cutting-edge risk assessment leading to an improved end point?

Risk Assessor Competence

A risk assessor's preference for a precautionary or conservative approach can sometimes lead to unachievable target values and

add many zeros on the dotted line. Are there approaches for ensuring risk assessor competence across the European community? Does your organisation mandate a certain training program or accreditation schemes? Is there a national accreditation scheme? If so what is the learning from this and could this be applied across the European Community?

SUBMISSION GUIDELINES



Authors are required to submit a one-page abstract (with short biography of the presenter) of the paper they would like to present (presentation or poster pitch presentation), together with an outline of the structure of the paper and short biography.

Abstracts which include case studies are encouraged, particularly those highlighting problems encountered, lessons learned and identified solutions, and should address some of the following questions:

- How does the abstract bring innovation to risk assessment?
- What is being done differently to traditional approaches?
- How have common platforms been improved and refined?
- How have sometimes unrealistic final outputs been addressed?
- How is big data improving the approach to risk assessment?
- Does more data make for better risk assessment?
- Is there a particular new software package or tool used and how available is this?
- Are there limitations and concerns in sharing risk outputs with third parties such as Regulators?
- How does the approach to risk assessment enhance the sustainability of the project?
- What were the most difficult issues to overcome?
- How has the project engaged with internal and external stakeholders and provided value to the wider community?
- How has the case study embraced sustainability concepts such as the circular economy, the triple-P (economic, social and environmental) bottom line and development of natural capital?
- What role could NICOLE play in its new focus on sustainable land management and land stewardship to learn from the case study and promote good practice?
- What is still needed in terms of knowledge development and transfer?

Abstracts should be sent by **25 July 2019** to the NICOLE Secretariat, to email: nan.su@nicole.org

Abstracts will be considered by the Organising Committee. The authors of abstracts will be notified of acceptance of their submissions for either a presentation or a poster by **25 August 2019**. Speakers' final abstracts and presentations must be submitted by **29 October 2019**.

Thomas Hayes	Venator – Chair Organization Committee
Johan de Fraye	Signify
Nicholas Tymko	Honeywell
Anna-Maria Sexton	BP
Horst Herzog	Infraserv
Anna Rusek	Arcadis
Artur Olczak	AECOM
Lucy Thomas	RSK
Magda Pavlak-Chiaradia	ERM
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