War-Affected Soil and the Organisation of Scientific Inquiry

Thematic overview of twelve contributions
From scientific weaknesses to new research organisation and the right to empirical testing

Dmitry Nikolaenko

Editor-in-Chief, Pollution and Diseases

11:20–11:40 / 20 minutes

From an unexpected absence to a programme of empirical inquiry

1 The unexpected absence of direct soil contributions

2–6 Weaknesses and implicit standards of scientific practice

7–9 New research organisation and regimes of recognition

10–11 New pollution and a new understanding of soil

12 Timely conditions for empirical testing

Why Were There No Papers on War-Affected Soil at a Conference on the Effects of War on Soil. Protocols of Expert-AI Scientific Inquiry.

Dmitry Nikolaenko



Original presentation title page

MAIN IDEA

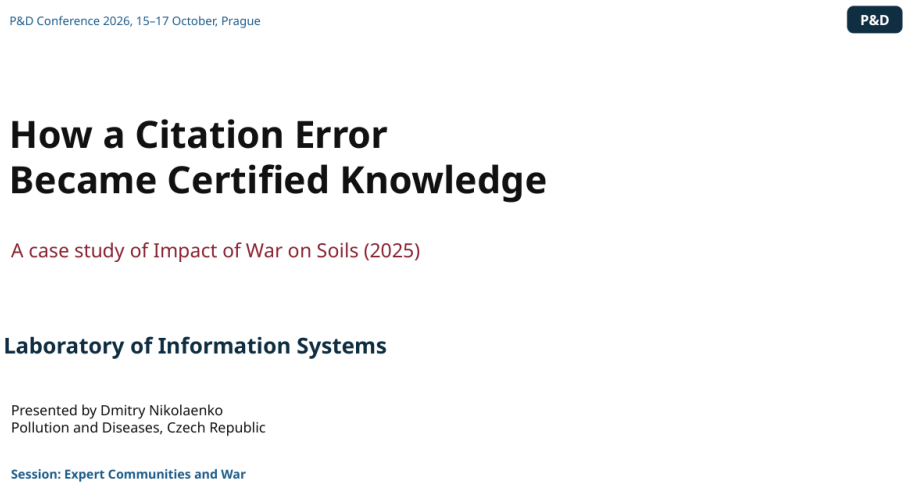
The missing soil contributions make scientific attention itself a research question.

Conference preparation exposed the gap.

The institutional explanation needs its own tests.

How a Citation Error Became Certified Knowledge.

Laboratory of Information Systems


P&D Conference 2026, 15–17 October, Prague

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How a Citation Error Became Certified Knowledge

A case study of Impact of War on Soils (2025)

Laboratory of Information Systems

Presented by Dmitry Nikolaenko
Pollution and Diseases, Czech Republic

Session: Expert Communities and War

Original presentation title page

MAIN IDEA

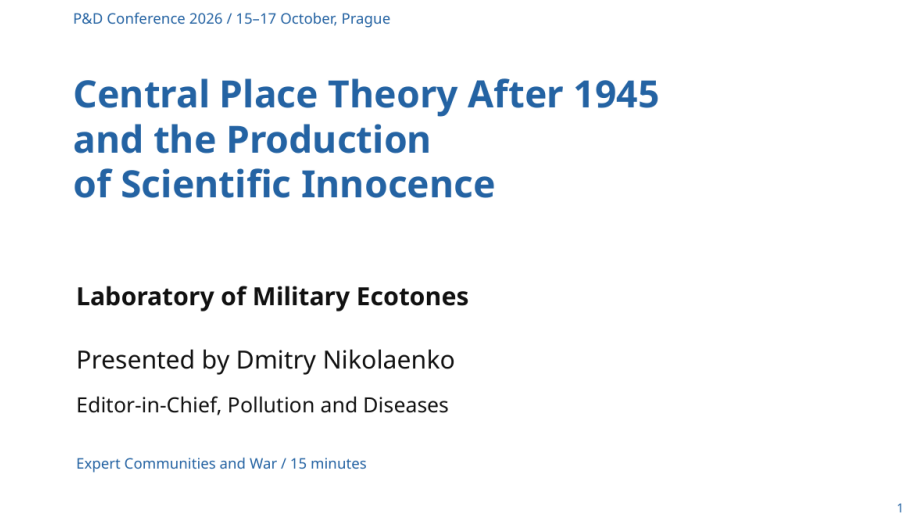
A reproducible number acquired authority while measuring the wrong object.

121,406 km² describes a military property portfolio.

It cannot establish the global area of war-damaged soil.

Central Place Theory After 1945 and the Production of Scientific Innocence.

Laboratory of Military Ecotones


P&D Conference 2026 / 15–17 October, Prague

Central Place Theory After 1945 and the Production of Scientific Innocence

Laboratory of Military Ecotones

Presented by Dmitry Nikolaenko

Editor-in-Chief, Pollution and Diseases

Expert Communities and War / 15 minutes

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MAIN IDEA

Post-war canon formation made Christaller's Nazi planning work dispensable to the theory's history.

The chronology separates the 1932–1933 theory from wartime planning.

Scientific innocence is the paper's critical interpretation.

From the Formation of the Soviet Scientific System to the Involvement of Russian Academic Organizations in the War Against Ukraine.

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From the Soviet Scientific System to Russian Academic Involvement in the War Against Ukraine

Laboratory of Military Ecotones

Presented by Dmitry Nikolaenko

Editor-in-Chief, Pollution and Diseases

Super-Normal Science and the Post-Soviet Academic Community

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MAIN IDEA

The paper connects academic legitimation of war with a reproduced dependence on state authority.

Soviet institutional inheritance enters the explanation.

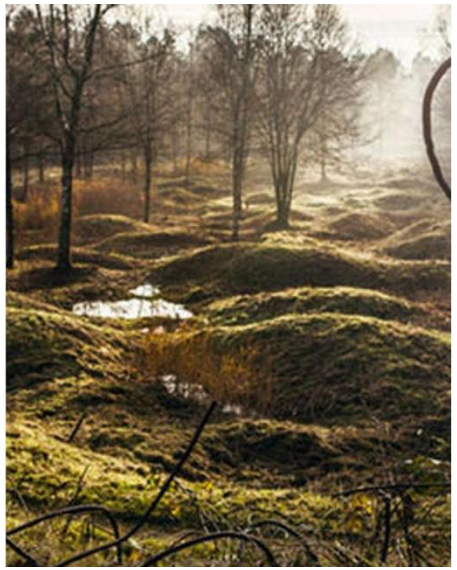
“Super-normal science” is a mechanism proposed for testing.

Verdun and the Somme After the Battles: Fragmented Expertise and the Morphology of Long Term Military Contamination.

Dmitry Nikolaenko



Original presentation title page



MAIN IDEA

A century of specialist research can leave the continuing contamination process fragmented.

Battle chronology and material duration have different endings.

Post-war management changes the morphology of contamination.

Political Taboo and the Failure to Recognize Long Term Military Contamination.

Laboratory of Information Systems



Original presentation title page

MAIN IDEA

Political taboo can regulate admissible questions while measurements and publications continue.

Questions, time horizons and causal links receive unequal legitimacy.

Unconnected observations can conceal a continuing process.

Building Research Infrastructure for Long-Term Studies of War: Project-Based Laboratories for Field Research, Information Systems, and Decision Support.

Laboratory of Information Systems

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Building Research Infrastructure for Long-Term Studies of War: Project-Based Laboratories for Field Research, Information Systems, and Decision Support.

Laboratory of Information Systems

Title block from the supplied speaker manuscript

MAIN IDEA

Permanent laboratories preserve inquiry across the changing life of individual projects.

Field research and information systems have distinct responsibilities.

Projects leave records that a later team can examine and reuse.

Scientific Recognition Architecture: Operational Specification — Version 1.0.

Laboratory of Military Ecotones



Original presentation title page

MAIN IDEA

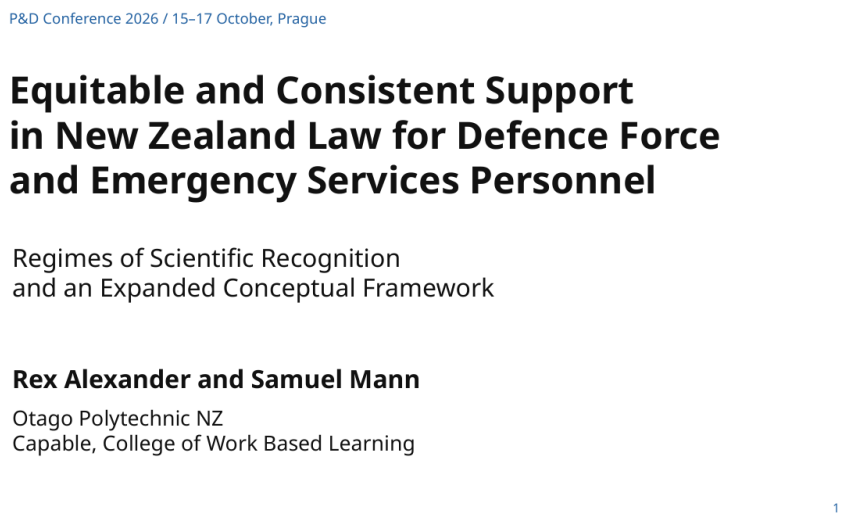
The specification organises continued recognition of a developing object under uncertainty.

Observations retain provenance, relationships and unresolved questions.

Empirical correspondence governs revision of explanations.

From Scientific Recognition to Critical Practice. Support for Military and Emergency Services Personnel in New Zealand.

Rex Alexander and Samuel Mann



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Equitable and Consistent Support in New Zealand Law for Defence Force and Emergency Services Personnel

Regimes of Scientific Recognition
and an Expanded Conceptual Framework

Rex Alexander and Samuel Mann

Otago Polytechnic NZ
Capable, College of Work Based Learning

1

Original presentation title page

MAIN IDEA

Recognition must lead to support now and to changes that prevent repeated failures.

Critical Practice addresses current consequences of service-related harm.

Critical Regeneration connects records, continuing research and governance.

A New Type of War-Related Pollution: Fiber-Optic Drone Tether Debris and War-Derived Polymer Microfibers.

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A New Type of War-Related Pollution: Fiber-Optic Drone Tether Debris and War-Derived Polymer Microfibers

Laboratory of Military Ecotones

New Euro Vision: exhibitions, marketing, research s.r.o.
Czech Republic

Presented by Dmitry Nikolaenko

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MAIN IDEA

Drone tether residue requires a source-specific account of filament networks and their transformation.

Length, geometry and material identity enter the assessment.

Polymer microfiber formation and effects require field tests.

Soil After War As a Configurational Object of the Military Ecotone.

Laboratory of Military Ecotones

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Soil After War As a Configurational Object of the Military Ecotone.

Laboratory of Military Ecotones

Title block from the supplied speaker manuscript

MAIN IDEA

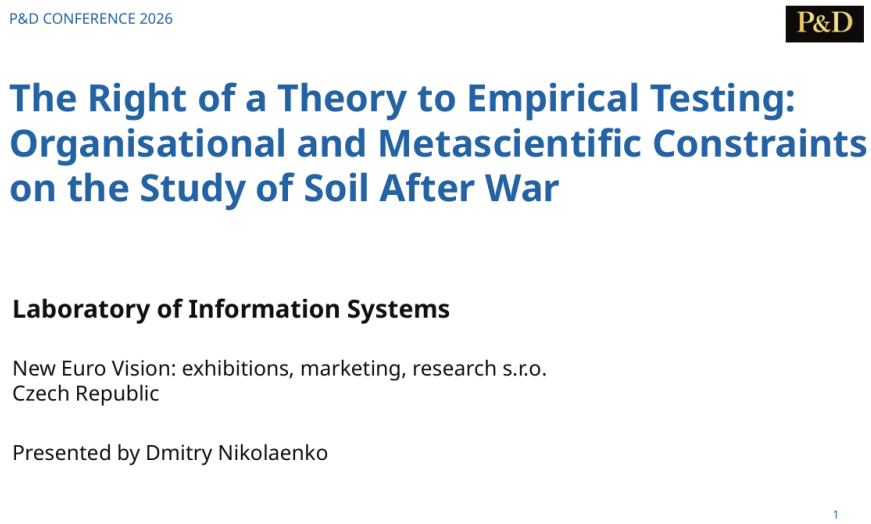
Soil after war is a historically formed, changing configuration within a military ecotone.

Addition, destruction, cessation and reorganisation can interact.

Soil carries, transforms and transfers the material consequences.

The Right of a Theory to Empirical Testing: Organisational and Metascientific Constraints on the Study of Soil After War.

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The Right of a Theory to Empirical Testing: Organisational and Metascientific Constraints on the Study of Soil After War

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New Euro Vision: exhibitions, marketing, research s.r.o.
Czech Republic

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MAIN IDEA

A new theory needs material conditions for an independent and timely empirical test.

Its question must survive sampling design, budgets and access decisions.

Negative findings and revision belong within that right.

Criticism leads to a research obligation

The scientific community's decisions belong within the investigation.

Permanent capacity preserves questions across temporary projects.

New objects require methods capable of examining their relationships.

Empirical tests must be able to revise our own proposals.

Who can make the necessary tests possible?

Dmitry Nikolaenko

Editor-in-Chief, Pollution and Diseases

Dangerous processes continue
while scientific recognition remains incomplete.

The next stage requires access, continuity and empirical tests.

Selected publications and the full source record

Nikolaenko (2026). Why Were There No Papers on War-Affected Soil.
Protocol v1.0. DOI: 10.66659/rpharj84

Nikolaenko (2026). Building Research Infrastructure.
DOI: 10.66659/vgjtt250

Nikolaenko (2026). Scientific Recognition Architecture, v1.0.
DOI: 10.66659/q52haz36

Alexander & Mann (2026). Equitable and Consistent Support.
DOI: 10.66659/8vjw4853

Nikolaenko (2026). Soil after War / Right to Empirical Testing.
DOIs: 10.66659/84a13358 / 10.66659/h6bcbb78