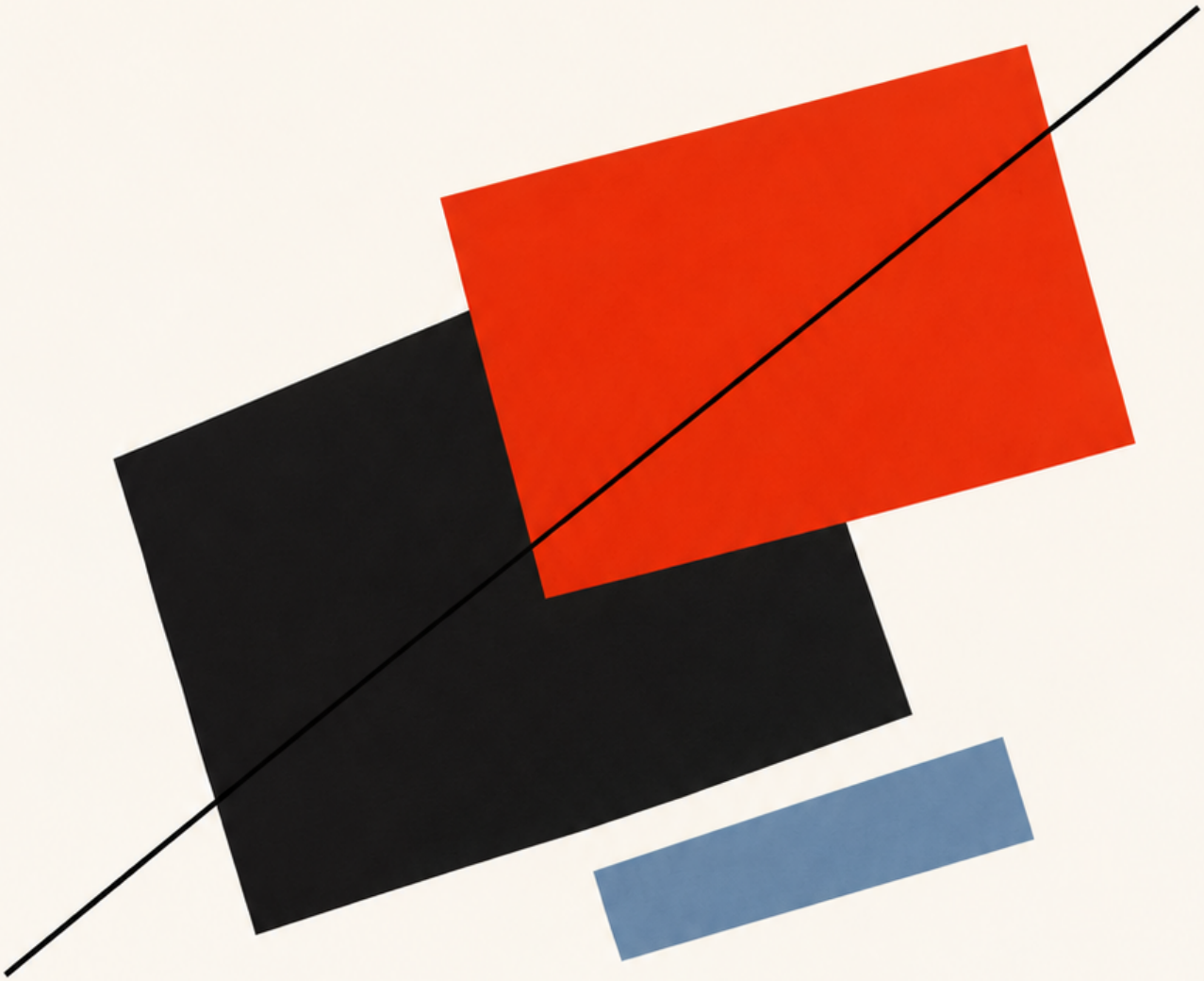
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River Landscapes and Waterways

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Nikolaenko, Dmitry. 2026. “From the Formation of the Soviet Scientific System to the Involvement of Russian Academic Organizations in the War Against Ukraine”. *Pollution and Diseases*, September. https://doi.org/10.66659/wxywk824

Nikolaenko, Dmitry. 2026. “The Role of the Scientific Community in the War Crimes of Their States: A Critical Bibliography of Walter Christaller”. *Pollution and Diseases*, May, 11 pages. https://doi.org/10.66659/qta4cs82

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Tymoshenko, Anna. 2026. “Learning to Investigate: A Book for Universities and Multilingual Research Teams”. *Pollution and Diseases*, November. https://doi.org/10.66659/ywg27c91

Tymoshenko, Anna. 2026. “Learning to Understand Complex Processes: A Review of Dmitry Nikolaenko’s Learning to Understand the Object”. *Pollution and Diseases*, November. https://doi.org/10.66659/2z3r7198

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Виссер, Лотте. 2026. “Необычная и в высшей степени полезная научная книга. Интервью с Дмитрием Николаенко”. *Pollution and Diseases*, November. https://doi.org/10.66659/5nk53h15

Infectious Ecology

Nikolaenko, Dmitry. 2026. “Before the First Recorded Case: Evgeny Rothschild and the Organisation of Research in Infectious Ecology”. *Pollution and Diseases*, November. https://doi.org/10.66659/v9b1xg26

Visser, Lotte. 2026. “A New Book by Evgeny Rothschild on Infection Ecology”. *Pollution and Diseases*, November. https://doi.org/10.66659/wc00jk11

Виссер, Лотте. 2026. “Новая книга Евгения Ротшильда по инфекционной экологии”. *Pollution and Diseases*, November. https://doi.org/10.66659/3njc5v48

Editorial and Research Programme Documents

Editorial and Conference Publications

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Nikolaenko, Dmitry. 2026. “Introduction to the Understanding of the Great Trouble: War, Soil, and Freshwater Systems. Conference 2026”. *Pollution and Diseases*, May. https://doi.org/10.66659/hq77aq38

Laboratory Organisation and Charters

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New Euro Vision: exhibitions, marketing, research s.r.o. 2026. “LABORATORY OF INFORMATION SYSTEMS. CHARTER”. *Pollution and Diseases*, September. https://doi.org/10.66659/j7j67v06

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Nikolaenko, Dmitry. 2026. “Building Research Infrastructure for Long-Term Studies of War: Project-Based Laboratories for Field Research, Information Systems, and Decision Support”. *Pollution and Diseases*, September. https://doi.org/10.66659/vgjtt250

Pollution and Diseases

2026 Annotated Bibliography

100 publications listed for January–November 2026. Each entry includes an English editorial annotation based on the journal's published abstract and a DOI link to the publication.

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Military Contamination and Military Ecotones

Concepts and Research Frameworks

Laboratory of Information Systems. 2026. "Political Taboo and the Failure to Recognize Long Term Military Contamination". *Pollution and Diseases*, September. https://doi.org/10.66659/mx58vq83

This paper examines political taboo as a set of practices that affect which questions, causal connections and timescales researchers can pursue. It considers how investigation may be delayed and how disciplines can document separate effects without reconstructing the continuing process.

Laboratory of Military Ecotones. 2026. "The Morphology of Post-War Territory As a Research Object". *Pollution and Diseases*, October. https://doi.org/10.66659/9ct1mw47

The presentation proposes a research programme for postwar territories organised around spatial form, function, connections and maintenance. It uses settlements, fields, roads and ponds to show how fine-scale investigation can reveal changes in residence, land use and access that regional statistics can obscure.

Nikolaenko, Dmitry. 2026. "From Individual Events to the Morphology of Military Contamination: An Epistemological Study of Form, Process, and Morphogenesis". *Pollution and Diseases*, June, 55 pages. https://doi.org/10.66659/resz8h58

This epistemological study asks how observations from individual wars can support an account of military contamination as a process. It draws on ideas about how forms develop to examine interactions among military inputs, soils, water, organisms, climate and land use.

Nikolaenko, Dmitry. 2026. “From Scientific Recognition to Scientific Explanation: Organising Investigation of Long-Term Military Environmental Contamination”. *Pollution and Diseases*, August, 19 pages. https://doi.org/10.66659/db5ekw49

This paper proposes a sequence of research operations for cases in which substantial observations exist before a mature explanation does. Long-term military contamination provides the example for linking recognition of the object, guidance of further inquiry and development of explanations.

Nikolaenko, Dmitry. 2026. “Military Contamination and Regimes of Scientific Recognition: A Conceptual Framework”. *Pollution and Diseases*, June, 15 pages. https://doi.org/10.66659/bb4q9n88

This article develops three regimes of scientific recognition—accompanying science, warning science and critical reconstruction. It uses them to examine how institutional dependencies and evidentiary rules shape the recognition of long-term military contamination and responses to uncertainty.

Nikolaenko, Dmitry. 2026. “The Paradigm of the Military Ecotone”. *Pollution and Diseases*, September. https://doi.org/10.66659/nhzds093

The paper defines the military ecotone as a territorial system whose functions and relationships change under a military regime. It discusses boundaries that shift with the processes carrying effects, and long-term consequences such as depopulation, altered maintenance and reactivation of earlier contamination.

Nikolaenko, Dmitry. 2026. “Protocol for the Development of the Theory of Military Ecotones. Version 1.2”. *Pollution and Diseases*, September. https://doi.org/10.66659/nm7g2h26

This expert–AI protocol documents the development of Version 1.2 of the Theory of Military Ecotones. It records changes in concepts, rejected proposals and unresolved questions, making the reasoning behind the current version available for scrutiny.

Nikolaenko, Dmitry. 2026. “War and Peace: The Production of Human Environments”. *Pollution and Diseases* 2 (January): 12-39. https://doi.org/10.66659/pd.2026.002

The article examines warfare as a recurring process that reshapes human environments, particularly freshwater systems. Drawing on Crimea and Donbas, it considers how repeated military disruption, displacement and environmental degradation accumulate and how scientific institutions participate in these processes.

Olson, Kenneth R., and Lois Wright Morton. 2026. “Event-Ecosystem Dilemma”. *Pollution and Diseases*, September. https://doi.org/10.66659/rb8rrv23

The authors distinguish an ecological process from the events and measurements selected to study it. They examine how access, instruments, disciplinary boundaries and other conditions determine which parts of the evolving process become visible to researchers.

Field Cases and Emerging Contaminants

Liashenko, Dmytro. 2026. “Geospatial Workflow for Mapping War-Related Environmental Degradation and Potential Public Health Risks in Ukraine”. *Pollution and Diseases* 2 (July): 65-87. https://doi.org/10.66659/wrsfjb97

This paper demonstrates a workflow for mapping war-related landscape degradation in Ukraine using Sentinel-2 imagery, QGIS and Google Earth Engine. It presents the maps as an initial screening tool and discusses safeguards for any later linkage to health data.

Nikolaenko, Dmitry. 2026. “Fiber-Optic Drone Tether Debris (FODTD) As an Emerging Form of War-Related Environmental Contamination”. *Pollution and Diseases*, May, 15 pages. https://doi.org/10.66659/swfqsz58

The article proposes treating discarded optical-fibre drone tethers as a distinct form of military contamination. It describes plausible physical interactions with terrestrial environments, examines fragmentation into polymer microfibres and identifies questions for field investigation in Ukraine.

Nikolaenko, Dmitry. 2026. “A New Type of War-Related Pollution: Fiber-Optic Drone Tether Debris and War-Derived Polymer Microfibers”. *Pollution and Diseases*, May. https://doi.org/10.66659/rp314s66

The paper introduces discarded fibre-optic drone tethers as a source of military pollution and proposes a term for the polymer microfibres they may generate. It singles out the persistence and diffuse distribution of the material as questions for environmental observation.

Nikolaenko, Dmitry. 2026. “Verdun and the Somme After the Battles: Fragmented Expertise and the Morphology of Long Term Military Contamination”. *Pollution and Diseases*, September. https://doi.org/10.66659/7xrc3h86

The paper compares a century of research on Verdun and the Somme. It follows transformations caused by warfare, clearance, burial and later land management, and considers why specialised knowledge of these stages often leaves the connections among them unexplained.

War-Affected Soils and Agricultural Recovery

Editorial board. 2026. “Medieval and Modern Use of Soil Tunnels in Warfare (A Conversation With Kenneth R. Olson)”. *Pollution and Diseases*, July, 15 pages. https://doi.org/10.66659/m6v6ps58

The interview examines how soil, geology and water conditions shape the feasibility and use of tunnels in warfare. Cases from several regions also illustrate environmental and health questions linked to tunnel construction, occupation and destruction.

Lal, Rattan. 2026. “Soil Health and War”. *Pollution and Diseases*, May. https://doi.org/10.66659/74xm7p81

This synthesis identifies four major routes by which warfare damages soil health, including direct physical disturbance, chemical contamination, erosion and loss of cover. It considers how persistent residues and changes in soil function can extend harm after hostilities.

Morton, Lois Wright. 2026. “Beyond Humanitarian Aid: Reclamation and Reconstruction of Contaminated Soil, Degraded Water Resources and Farmer Livelihoods from Wars and Conflicts”. *Pollution and Diseases*, June. https://doi.org/10.66659/7zjfnd46

Morton argues that restoring food production and rural livelihoods requires sustained support beyond emergency aid. The paper proposes involving farmers in research and field trials that reconnect soil and water recovery with the practical conditions of agricultural production.

Morton, Lois. 2026. “Transformation of Soil and Water Properties in Agricultural Lands by Military Activity: Perspectives and Guiding Principles for the Reconstruction of War-Ravaged Agricultural Lands and Waters”. *Pollution and Diseases* 2 (April): 43-64. https://doi.org/10.66659/pd.2026.004

This article describes how armed conflict alters the physical, chemical and biological properties of agricultural soil and disrupts water systems. It sets out twelve guiding principles for assessing damage, restoring soil–water relationships and rebuilding agricultural production and livelihoods.

Naggayi, Victorious. 2026. “Post-Conflict Soil Recovery and Food Security in Northern Uganda: Long-Term Land-Use Consequences of Armed Conflict in the Acholi Sub-Region”. *Pollution and Diseases*, July. https://doi.org/10.66659/pgt0db65

This case study examines the condition of farmland to which displaced people returned in northern Uganda’s Acholi sub-region. It considers disrupted cultivation, changes in fertility and possible local contamination at former military sites in relation to smallholder recovery and food security.

Nikolaenko, Dmitry. 2026. “The Right of a Theory to Empirical Testing: Organisational and Metascientific Constraints on the Study of Soil After War. Version 1.1”. *Pollution and Diseases*, September. https://doi.org/10.66659/h6bcbb78

The protocol examines how theories, regulatory standards and access to sites and data shape what can be observed in research on soil after war. It argues that competing theories with testable implications require practical opportunities for empirical evaluation.

Nikolaenko, Dmitry. 2026. “Soil After War As a Configurational Object of the Military Ecotone: Protocol for Developing a Theory for the Study of Soil Transformed by War. Version 1.0”. *Pollution and Diseases*, September. https://doi.org/10.66659/84a13358

This protocol defines soil transformed by war through a combination of prior conditions, new inputs, destruction and changed land use. It proposes indicators and field and experimental designs to examine how the resulting configuration continues to develop.

Nikolaenko, Dmitry. 2026. “War-Affected Soil and the Organisation of Scientific Inquiry”. *Pollution and Diseases*, October. https://doi.org/10.66659/qre4vp67

This overview links twelve contributions on how war-affected soil becomes a research object. It proposes a programme combining field capacity, project teams and documented reasoning, and identifies empirical access and testing as requirements for evaluating new theories.

Nikolaenko, Dmitry. 2026. “War-Affected Soils and the Imitation of Knowledge: A Critical Analysis of O. A. Gordienko’s ‘Impact of War on Soils’ in Eurasian Soil Science”. *Pollution and Diseases*, November. https://doi.org/10.66659/gssn7d85

This protocol audits a 2025 review of war-affected soil. It traces one estimate back to a source on US Department of Defense property holdings and examines how citation, selection and synthesis practices affect the reliability of the published review.

Nikolaenko, Dmitry. 2026. “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. Version 1.0”. *Pollution and Diseases*, September. https://doi.org/10.66659/rpharj84

This protocol takes the near absence of soil submissions to a conference on war and soil as a question for inquiry. It explores how control of territorial access, laboratories and publication can shape which questions about military effects on soil receive scientific attention.

Rivers and Freshwater Systems

River Landscapes and Waterways

Editorial board. 2026. “Great River and Waterway Landscapes of Africa and the Middle East: A Conversation with Kenneth R. Olson”. *Pollution and Diseases*, June, 13 pages. https://doi.org/10.66659/1f1b0725

The interview compares the Nile, Congo and Jordan rivers and the Suez Canal. It examines how dams, sediment retention, shipping, invasive species and pollution reshape waterways whose management often crosses political boundaries.

Editorial board. 2026. “Great River Landscapes and Deltas of the World: A Conversation with Kenneth R. Olson”. *Pollution and Diseases*, May, 27 pages. https://doi.org/10.66659/c1cj5p54

This interview connects flood history on the Mississippi with the long-term effects of war and herbicide use in the Mekong Delta. It also discusses how subsidence, rising seas and development compound hazards in river deltas.

Editorial board. 2026. “Great River Landscapes of Western Asia and Eastern Europe: Volga, Dnieper, Danube, and Rhine (A Conversation With Kenneth R. Olson)”. *Pollution and Diseases*, July, 14 pages. https://doi.org/10.66659/ttv2jt84

Olson discusses the Volga, Dnieper, Danube and Rhine as river systems shaped by engineering, industry and governance. The cases include the effects of Chernobyl and the Kakhovka Dam breach in the Dnieper basin, and industrial pressures on the Rhine.

Editorial board. 2026. “Great River Landscapes of Western North America: Yukon, Columbia, Snake, Colorado and Rio Grande (A Conversation with Kenneth R. Olson)”. *Pollution and Diseases*, June, 13 pages. https://doi.org/10.66659/3ds6k473

The interview compares five western North American river systems. It considers sediment movement in the Yukon, declines of fish populations in the Columbia and Snake, and the effects of regulation and dwindling flows in the Colorado and Rio Grande.

Editorial board. 2026. “Headwaters of Six Great Rivers of the World: Qingzang Plateau — An Author Interview on Dams, Transboundary River Governance, and Environmental Change in Asia”. *Pollution and Diseases*, July, 16 pages. https://doi.org/10.66659/7n0p1v95

Drawing on the book by Olson and Wadslin Frenelus, the interview examines six Asian rivers that rise on the Qingzang Plateau. The Lancang–Mekong case illustrates how hydropower can change flood pulses, sediment delivery, river connectivity and livelihoods across borders.

Editorial board. 2026. “Managing Mississippi and Missouri River Landscapes: A Conversation with Kenneth R. Olson”. *Pollution and Diseases*, May, 12 pages. https://doi.org/10.66659/2z4fha41

Olson uses case studies from the Mississippi and Missouri river landscapes to connect floods, levees and navigation with sediment movement, agricultural land use and freshwater quality. The interview considers how flood protection and ecological restoration can be pursued together.

Editorial board. 2026. “Managing Mississippi and Ohio River Landscapes: A Conversation with Kenneth R. Olson”. *Pollution and Diseases*, May, 12 pages. https://doi.org/10.66659/0nae6h81

Olson discusses the 2011 Mississippi and Ohio river floods and the decision to breach the Birds Point levee. The interview considers how deliberate flood diversion affects agricultural land through erosion, scouring and sediment deposition.

Editorial board. 2026. “St. Lawrence Seaway: Canada and United States Joint Lifeline (A Conversation with Kenneth R. Olson)”. *Pollution and Diseases*, June, 12 pages. https://doi.org/10.66659/7ghvm975

Olson discusses the Great Lakes–St. Lawrence route as both a shipping system and a shared freshwater environment. The interview links waterway management to shoreline erosion, floods, invasive species and pollution associated with industrial and military activities.

Nikolaenko, Dmitry. 2026. “Pollution, Disease, and the Escalating Freshwater Crisis: An Integrated Review of the Mississippi and Missouri River Studies by K.R. Olson”. *Pollution and Diseases* 2 (January): 5-11. https://doi.org/10.66659/pd.2026.001

The review synthesises Olson’s studies of the Mississippi and Missouri rivers through their implications for water quality, exposure and public health. It also discusses hypotheses about how chemical pollution could influence the expression of pathogenic traits in aquatic microorganisms.

Olson, Kenneth. 2026. “Engineering Transformations of New York Canal System and Long-Term Environmental and Public Health Implications”. *Pollution and Diseases*, May. https://doi.org/10.66659/ywg2pw58

This paper links the engineering history of the New York Canal System and connected waterways to industrial development and pollution. The discussion includes PCB contamination in the Hudson and dioxin associated with herbicide manufacture along the Passaic.

Olson, Kenneth R. 2026. “Engineering Transformations of the New York State Canal System and Long-Term Environmental and Public Health Implications”. *Pollution and Diseases* 2 (August): 103-46. https://doi.org/10.66659/f33ysb84

This review treats the Hudson, the New York State Canal System and the Passaic as connected case studies. It examines how canals and river engineering promoted commerce and settlement while helping create or extend pathways for pollution and public-health risks.

Olson, Kenneth R. 2026. “Great River Landscapes of South and Central America (A Conversation With Kenneth R. Olson)”. *Pollution and Diseases*, June, 17 pages. https://doi.org/10.66659/0e8mbn90

An interview on the Amazon, Río de la Plata and Panama Canal watershed. It compares environmental change associated with deforestation, agriculture and engineering, and discusses potential consequences of historic herbicide use in the Canal Zone.

Water Protection and Recovery in Conflict-Affected Regions

Bubbio, Muriel. 2026. “Beyond Physical Reconstruction: Soft Power, Water and Community Resilience in Post-Conflict Settings”. *Pollution and Diseases*, September. https://doi.org/10.66659/66gcf707

Drawing on the Foundation for Post-Conflict Development’s experience with maternity facilities in Timor-Leste, this contribution connects safe water and sanitation to maternal health and reliable services. It examines their role in restoring trust and strengthening institutions during recovery.

Harpham, Quillon. 2026. “Environmental Decision-Making Under Abrupt Transformation: Lessons from the Nova Kakhovka Dam Breach and Data-Driven Dengue Control”. *Pollution and Diseases*, September. https://doi.org/10.66659/wkweam88

The Kakhovka Dam breach and dengue surveillance illustrate a shared decision problem. When an environmental system changes abruptly and monitoring is disrupted, the contribution asks how existing records, rapid assessment and near-real-time observations can support defensible decisions.

Katumba, Ivan. 2026. “Community Environmental Awareness and Freshwater Protection in Uganda: A Community-Based Perspective from the African Great Lakes Region”. *Pollution and Diseases*, August. https://doi.org/10.66659/t6307t43

Drawing on community awareness activities in Uganda, this contribution connects freshwater protection with waste management, pollution prevention and public health. It considers how local engagement can help communities respond to degradation amid wider pressures on land and livelihoods.

Nagitta, Shirat. 2026. “Industrial Runoff, Wetland Degradation, and Public Health Risk in the Lake Victoria Basin: Freshwater Vulnerability in a Conflict-Exposed Great Lakes Region”. *Pollution and Diseases*, July. https://doi.org/10.66659/402jdh89

Focusing on the Katonga wetlands and the wider Lake Victoria Basin, the paper examines how industrial and agricultural runoff can degrade wetlands and affect water quality. It links these pressures to exposure and livelihood risks for communities dependent on freshwater.

Tymoshenko, Anna. 2026. “From Protection to Dependency: Hydrological Lock-In, War, and the North Crimean Canal”. *Pollution and Diseases*, August. https://doi.org/10.66659/xfghgr93

The North Crimean Canal illustrates how settlements, farming and industry can become dependent on an engineered water regime. The article uses hydrological lock-in to explain how changes in political control turned that dependency into a source of vulnerability.

Vietnam War Archives

Cu Thi Dung, and Vu Dinh Phong. 2026. “Archival Sources of the Government of the Republic of Vietnam at National Archives Center II on Chemical Defoliants During the Vietnam War”. *Pollution and Diseases* 2 (October): 231-66. https://doi.org/10.66659/zdcj2c76

The authors survey finding aids and selected records from agencies of the Republic of Vietnam held at National Archives Center II. They identify sources on wartime defoliant use, crop damage and official responses, and explain how researchers can consult these materials.

Nikolaenko, Dmitry. 2026. “Vietnamese Archives and the Long-Term Consequences of War: An Interim Research Protocol on the Need for Problem-Oriented Information Systems”. *Pollution and Diseases* 2 (October): 267-76. https://doi.org/10.66659/j6nh1t50

This interim research protocol asks how documents from Vietnamese National Archives Centers II and III can inform an investigation connecting wartime events to current environmental and human outcomes. It proposes a small pilot that traces original passages, translations, locations, claims and gaps in evidence.

Vu Thi Phung, Vu Dinh Phong, and Nguyen Van Ngoc. 2026. “Archival Records at National Archives Center III on the Use of Chemical Agents During the Vietnam War: Value and Accessibility”. *Pollution and Diseases* 2 (October): 199-230. https://doi.org/10.66659/xnkh0w22

Based on an on-site survey, the authors identify Vietnamese records about wartime chemical use and subsequent investigations at National Archives Center III. They assess access and evidentiary value and consider how these sources could complement international archival and scientific datasets.

Vu Thi Phung, Vu Dinh Phong, and Nguyen Van Ngoc. 2026. “Archival Records on the Use of Chemical Agents During the Vietnam War at National Archives Center III: Value and Accessibility”. *Pollution and Diseases*, August. https://doi.org/10.66659/fw2wbs42

This article surveys how National Archives Center III records the wartime use of chemical agents and subsequent Vietnamese investigations. It describes the informational value of the holdings and provides a point of entry for researchers working with records created in Vietnam.

Herbicides and Dioxin Legacies

Editorial board. 2026. “Agent Orange Environmental and Human Health Impacts of Herbicide Use During and After the Vietnam War (A Conversation With Kenneth R. Olson)”. *Pollution and Diseases*, July. https://doi.org/10.66659/8wa9z016

Olson discusses why TCDD left by Agent Orange remains an environmental and public-health problem after spraying ends. The interview traces possible exposure through soil, sediment, waterways and food webs and considers priorities for monitoring and remediation.

Editorial board. 2026. “Environmental and Human Health Impacts of Agent Blue Herbicide Use During the Vietnam War (A Conversation With Kenneth R. Olson)”. *Pollution and Diseases*, July, 15 pages. https://doi.org/10.66659/ycyrsg02

This contribution examines Agent Blue, an arsenic-based herbicide used for crop destruction during the Vietnam War. Olson follows its manufacture, use and disposal, with particular attention to arsenic contamination in the Mekong Delta and at related sites.

Gibbs, Andrew. 2026. “Beyond the TCDD Lens in Paritutu New Plymouth, New Zealand: Invisible Phenoxy-Herbicide Co-Contaminants, Visible Developmental Signals, and Decision-Making under Incomplete Evidence”. *Pollution and Diseases*, May. https://doi.org/10.66659/ar7fqk65

This case study examines whether patterns in historical records and observations from Paritutu and a rural comparison setting warrant investigation of phenoxy herbicides and additional contaminants. It treats those patterns as grounds for generating hypotheses in the absence of systematic exposure measurements.

Olson, Kenneth Ray. 2026. “Environmental and Human Health Impacts of Agent Orange Manufacturing on the Tittabawassee, Saginaw, and Kanawha Rivers in Eastern United States”. *Pollution and Diseases*, June. https://doi.org/10.66659/mj4n5f63

This study follows the consequences of Agent Orange manufacture in Nitro, West Virginia, and Midland, Michigan. It examines occupational exposure and the longer-term contamination of the Kanawha, Tittabawassee and Saginaw river systems, along with the challenges of remediation.

Tornoe, Donna. 2026. “The Tactical–Commercial Distinction: 2,4,5-T, TCDD, and the Recognition of War-Related Health Harm in the Panama Canal Zone”. *Pollution and Diseases*, June. https://doi.org/10.66659/dgzstm97

This documentary study examines how the tactical–commercial classification of herbicides affects the assessment of US veterans’ exposure claims in the Panama Canal Zone. It organises military records, toxicology and veterans’ accounts to separate historical plausibility from evidentiary support for particular claims.

Military Exposure and Support for Veterans and Service Personnel

Health Risk Assessment for Military Operations

Speidel, David R., and Dmitry Nikolaenko. 2026. “Predictive Environmental Health Risk Assessment for Military Operations: From Historical Experience to Science-Informed Decision-Making”. *Pollution and Diseases*, November. https://doi.org/10.66659/n3g3zn31

Using tactical herbicide use in Vietnam as a historical case, this paper proposes a framework for integrating environmental exposure and long-term health risks into military decisions. It distinguishes evidence about contaminant persistence from the more demanding task of establishing causality for particular health outcomes.

Speidel, David R. 2026. “Predictive Environmental Health Risk Assessment for Military Operations: Preventing Long-Term Human Health Consequences”. *Pollution and Diseases*, July. https://doi.org/10.66659/c73dey61

This paper calls for anticipating long-lived exposure pathways before military decisions are made. It uses the persistence of TCDD after wartime herbicide use in Vietnam to show what military planning can learn from environmental toxicology and exposure research.

Veterans Research and Archives

Laboratory of Information Systems. 2026. “PD HUMAN EXPERIENCE ARCHIVE. LEGAL AND ORGANIZATIONAL FRAMEWORK”. *Pollution and Diseases*, September. https://doi.org/10.66659/097dbc26

The framework defines governance for an archive of personal and family materials concerning war, service and exposure. It sets out how contributor control, access and version history can be maintained while keeping deposited accounts distinct from independently verified evidence.

Laboratory of Information Systems. 2026. “When War Comes Home: A Humanistic Archive for Veterans, Families, and the Long-Term Consequences of War”. *Pollution and Diseases*, September. https://doi.org/10.66659/bhh9qg69

This proposal describes a multilingual archive for veterans, civilians and families to preserve accounts of exposure, illness, loss and caregiving. It explains how contributors could retain control while protected originals, permanent identifiers and version histories preserve the provenance of their testimony.

Olson, Kenneth R. 2026. “Merry Band of Vietnam War Era Retirees: Creation, Mission, Findings, and Continuing Research”. *Pollution and Diseases* 2 (August): 88-102. https://doi.org/10.66659/twqntp72

This review traces the creation and research programme of an independent group of Vietnam War era retirees and collaborators. Its survey of articles and books includes the production, use and environmental fate of the arsenic-based Agent Blue alongside Agent Orange.

Olson, Kenneth R. 2026. “Merry Band of Vietnam War Era Retirees: Sự hình thành, sứ mệnh, các kết Quả Nghiên cứu Và hoạt động Nghiên cứu tiếp tục”. *Pollution and Diseases*, August, 22 pages. https://doi.org/10.66659/mcka1088

Vietnamese-language version of Olson’s review of the Merry Band of Vietnam War Era Retirees. It describes the group’s formation and publications on tactical herbicides, including the comparatively less studied history and environmental fate of Agent Blue.

Legal Support for Defence and Emergency Services Personnel

Alexander, Rex, and Samuel Mann. 2026. “Equitable and Consistent Support in New Zealand Law for Defence Force and Emergency Services Personnel (Report)”. *Pollution and Diseases*, October. https://doi.org/10.66659/d3w75j63

This report examines gaps in the early recognition, treatment and long-term support of service-related physical and psychological harm in New Zealand. It extends a framework for scientific recognition with two stages designed to connect evidence to immediate action and longer-term institutional change.

Alexander, Rex, and Samuel Mann. 2026. “Equitable and Consistent Support in New Zealand Law for Defence Force and Emergency Services Personnel: Regimes of Scientific Recognition and an Expanded Conceptual Framework”. *Pollution and Diseases* 2 (October): 168-98. https://doi.org/10.66659/8vjw4853

The article applies a framework for scientific recognition to the treatment and support of defence and emergency services personnel. Drawing on New Zealand law, service arrangements and research, it proposes stages for protecting people already affected and redesigning institutions to recognise future harm earlier.

Postwar Recovery and Public Memory

Land Release and Territorial Change

Joireman, Sandra F. 2026. “People, Paper, and Property: A Comparative Framework for Post-Conflict Territorial Transformation”. *Pollution and Diseases*, September. https://doi.org/10.66659/h64eyp41

Joireman compares changes in population, documentary evidence and property after prolonged conflict. The presentation explains how displacement and selective return, lost records and altered patterns of land use can undermine attempts to restore the former territorial order.

Nguyen Hieu Trung. 2026. “Decades After the Conflict: RENEW’s Integrated Model for Post-War Land Release and Community Recovery in Quang Tri, Vietnam”. *Pollution and Diseases*, September. https://doi.org/10.66659/xph0q429

Project RENEW’s work in Quang Tri illustrates how ordnance surveys and clearance can be combined with land release, risk education and support for survivors. The contribution links the safe reuse of land to rehabilitation, livelihood recovery and local development.

Tymoshenko, Anna. 2026. “Long-Term War-Induced Transformations of Settlement and Land-Use Systems: Regimes of Scientific Recognition and Research Patterns”. *Pollution and Diseases*, August. https://doi.org/10.66659/sq5wbm78

Using Crimea as a case from the mid-nineteenth century onward, this article examines cumulative changes in settlement and land use across successive conflicts. It asks how scientific practices affect whether those long-term territorial transformations are recognised and investigated.

Public Memory and the Record of War

del Rey, Jaime. 2026. “Democratic Memory in Spain”. *Pollution and Diseases*, October. https://doi.org/10.66659/z09ryp47

This presentation traces Spain’s search for people who disappeared during the Civil War and Franco’s dictatorship. It follows the shift from family-led initiatives to state responsibility and describes how forensic investigation, a national map of mass graves and a victims register support the search.

del Rey, Jaime. 2026. “The Valley of Cuelgamuros: Reinterpreting a Contested Site of Memory”. *Pollution and Diseases*, October. https://doi.org/10.66659/8z14gb44

The presentation follows the reinterpretation of the Valley of Cuelgamuros under Spain’s democratic memory laws. It describes the transfer of remains to the site, later exhumations, and the forensic and institutional work needed to identify individuals and return them to families.

Laboratory of Military Ecotones. 2026. “The Record Can Be Rewritten, the Consequences Remain: Archives, Artificial Intelligence, and the Memory of War”. *Pollution and Diseases*, September. https://doi.org/10.66659/aa7efs65

This article examines how archives and AI can shape accounts of war and its consequences. It distinguishes events, surviving evidence, human interpretations and algorithmic outputs, and proposes preserving the provenance of claims, unresolved contradictions and the history of corrections.

Hector’s and Māui Dolphins

Gibbs, Andrew, and Dmitry Nikolaenko. 2026. “Chemical Pollution and the Population Crisis of Hector’s and Māui Dolphins. A Critical Research Bibliography, 1970–2026”. *Pollution and Diseases*, June, 51 pages. https://doi.org/10.66659/ybmw2c82

This critical bibliography assembles 388 records on Hector’s and Māui dolphin decline and annotates 50 key sources. It brings contaminant monitoring into consideration alongside demographic, pathological and bycatch research, and identifies questions about the contribution of chemical exposure to population decline.

Gibbs, Andrew, and Dmitry Nikolaenko. 2026. “Competing Hypotheses and Scientific Non-Recognition: Investigating the Hector’s and Māui Dolphin Decline in the Context of Wartime Chemical Legacies”. *Pollution and Diseases*, June. https://doi.org/10.66659/10csws50

This poster examines how to evaluate competing explanations for Hector’s and Māui dolphin decline when the evidence is incomplete. It considers how fishing-related mortality and possible organochlorine exposure are investigated, and what the available evidence permits researchers to infer.

Gibbs, Andrew, and Dmitry Nikolaenko. 2026. “Demographic Precision and Causal Narrowness: A Critical Review of Bennington Et Al. 2026 on Hector’s Dolphin Fecundity and Bycatch Management”. *Pollution and Diseases*, July, 21 pages. https://doi.org/10.66659/ctn59c96

This review discusses a photo-identification study that estimated fecundity in Hector’s dolphins at Banks Peninsula. It values the demographic estimate and identifies a separate question for research, namely which ecological or physiological mechanisms could account for low reproductive output.

Gibbs, Andrew, and Dmitry Nikolaenko. 2026. “From Incident Records to Conservation Intelligence: A Methodological Assessment of Dolphin Mortality Accounting in Aotearoa New Zealand”. *Pollution and Diseases*, July, 31 pages. https://doi.org/10.66659/d03rhq84

The paper audits incident records and examines reporting, necropsy, fisheries monitoring and threat assessment for New Zealand dolphins. It asks whether recorded mortalities can be traced and corrected well enough to distinguish causes and evaluate conservation decisions.

Gibbs, Andrew, and Dmitry Nikolaenko. 2026. “Structural Falsification, Scientific Silence, and a New Research Strategy: A Critical Reconstruction of the Hector’s and Māui Dolphin Case”. *Pollution and Diseases*, June, 23 pages. https://doi.org/10.66659/tms16797

The study reassesses the chemical exposure hypothesis after technical reports from 1995–1996 became available. It explains how the reports expand the evidence on historical sources and groundwater transport and considers how to test the hypothesis alongside other explanations for dolphin decline.

Artificial Intelligence and Research Information Systems

Evidence and Research through Scientist–AI Collaboration

Laboratory of Information Systems. 2026. “Evidence Status and Pathological Uncertainty: A Working Standard for War Contamination Information”. *Pollution and Diseases*, September. https://doi.org/10.66659/z0wwf379

This working standard addresses what happens when measurements, testimony, archival statements and inferences acquire the same apparent status in a database. It proposes recording provenance and evidence type so that uncertainty can remain visible and researchers can identify what needs checking.

Laboratory of Information Systems. 2026. “From Dioxin Source to Long-Term Biological Consequences: A New Information Framework for Reconstructing Wartime Contamination”. *Pollution and Diseases*, September. https://doi.org/10.66659/62p3b908

This paper proposes an information framework linking the historical handling and release of dioxin to its environmental fate, exposure pathways and possible biological effects. Vietnam illustrates how archival, spatial, environmental and health records could be brought into a common investigation.

Laboratory of Information Systems. 2026. “Responsibility to the Problem: An Explicit Standard for the Expert–AI System”. *Pollution and Diseases*, September. https://doi.org/10.66659/gc495972

The paper sets out how responsibility can be assigned across an expert–AI inquiry. It ties accountability to the expert’s documented decisions about evidence, correction, verification and acceptance of results, with the AI system and its version recorded as part of the process.

Laboratory of Information Systems. 2026. “Who Is the Author and Why Is the Problem Still Unsolved? AI and the Failure of Super-Normal Science”. *Pollution and Diseases*, September. https://doi.org/10.66659/svj1dy10

This paper examines how formally attributed and peer-reviewed fragments of research can accumulate while the underlying scientific problem remains unresolved. It uses the concept of super-normal science to discuss who takes responsibility for connecting those fragments in AI-assisted inquiry.

Laboratory of Military Ecotones. 2026. “AI-Assisted Hypothesis Generation: From Fragmented Manifestations to the Morphology of War Contamination”. *Pollution and Diseases*, September. https://doi.org/10.66659/bap6zf89

This contribution explains how AI can help generate competing hypotheses that link sources, transport, exposure and delayed effects of war contamination. The hypotheses serve as provisional guides to inquiry, each specifying observations that could support, revise or eliminate it.

Laboratory of Military Ecotones. 2026. “Field Verification in the Scientist–AI System: From Pathological Uncertainty to Quality Data”. *Pollution and Diseases*, September. https://doi.org/10.66659/2qwv2037

The paper connects field sampling to explicit research questions about environmental processes. It explains how selecting sites to distinguish hypotheses, establish baselines or detect change can make field observations more informative than sampling driven by site access alone.

Laboratory of Military Ecotones. 2026. “The Scientist–AI System: Rethinking Research on War-Related Environmental Contamination”. *Pollution and Diseases*, September. https://doi.org/10.66659/dz0jgs38

This contribution describes how a scientist working with AI can search across sources, connect evidence and formulate alternatives in research on military contamination. It makes the expert’s knowledge of the object and ability to evaluate the output central to the quality of the inquiry.

Nikolaenko, Dmitry. 2026. “Artificial Intelligence and Research on the Consequences of War: Thematic Overview of Eight Papers and Preparation for Project Implementation”. *Pollution and Diseases*, October. https://doi.org/10.66659/4dhdjx86

This overview brings eight papers together into a programme for scientist–AI collaboration. A proposed pilot using Vietnamese archival records illustrates how translation, source checking, competing explanations and field verification could guide the selection of sites and questions for environmental investigation.

Nikolaenko, Dmitry. 2026. “The Scientist–AI Research System: An Integrated Working Standard for War-Related Environmental Contamination”. *Pollution and Diseases*, September. https://doi.org/10.66659/1cabcy23

This standard integrates six contributions on scientist–AI research for two laboratories. It specifies responsibilities for formulating problems, classifying evidence, developing hypotheses and choosing empirical checks across the chain from military activity to delayed environmental consequences.

Scientific Recognition Architecture

Laboratory of Military Ecotones. 2026. “Scientific Recognition Architecture. Operational Specification — Version 1.0 (Report)”. *Pollution and Diseases*, October. https://doi.org/10.66659/s2eqk462

This presentation outlines Version 1.0 of Scientific Recognition Architecture and explains how a research team can progressively define an object, choose its next investigative steps and preserve the reasoning behind them. Drone tether debris illustrates how the framework can guide the selection of field tests.

Nikolaenko, Dmitry. 2026. “Scientific Recognition Architecture. Operational Specification — Version 1.0.: Reference Language Implementation: English. Status: Initial Operational Specification”. *Pollution and Diseases* 2 (August): 147-67. https://doi.org/10.66659/q52haz36

The English reference specification sets out Version 1.0 of Scientific Recognition Architecture as a standard for investigating dynamic empirical objects. It defines operations for organising observations, uncertainty, relationships and process morphology while an explanation is still developing.

Scientific Practice and Academic Institutions

Scientific Recognition and Peer Review

Laboratory of Information Systems. 2026. “How a Citation Error Became Certified Knowledge”. *Pollution and Diseases*, September. https://doi.org/10.66659/x54z0f84

This case study reconstructs how an area figure from a US military property inventory was cited as a measure of war-affected land worldwide. It then examines related problems in geographic coverage, soil classification and synthesis in the review that propagated the figure.

Nikolaenko, Dmitry. 2026. “Complex Ecological Relationships and Scientific Non Recognition”. *Pollution and Diseases*, October. https://doi.org/10.66659/jt6chy82

This critical overview connects three papers on Hector’s and Māui dolphins. It separates the task of testing whether contaminants contribute to decline from the task of documenting possible institutional obstacles, and proposes records of sources, access conditions, research decisions and tests.

Nikolaenko, Dmitry. 2026. “Review As a Documented Cognitive Process: Toward a Reconsideration of Double-Blind Peer Review”. *Pollution and Diseases*, May, 10 pages. https://doi.org/10.66659/4sn1qp19

This methodological reflection proposes documenting the reasoning, debate and revision that occur during peer review. It considers how partial anonymity and limited access to scholarly exchanges affect the evaluation of interdisciplinary or still-developing research.

Academic Institutions and War

Laboratory of Military Ecotones. 2026. “Central Place Theory After 1945 and the Production of Scientific Innocence”. *Pollution and Diseases*, September. https://doi.org/10.66659/7sdyez12

The paper examines Christaller's spatial planning in occupied Eastern Europe and the postwar treatment of central place theory as an abstract model. It asks how the theory's later reception obscured its use in a programme of forced territorial and demographic transformation.

Nikolaenko, Dmitry. 2026. "From the Formation of the Soviet Scientific System to the Involvement of Russian Academic Organizations in the War Against Ukraine". *Pollution and Diseases*, September. https://doi.org/10.66659/wxywk824

The article traces the origins of super-normal science to the restructuring of Soviet academic institutions. It uses the case of Nikolai Bagrov and changes in Crimea to examine how institutions can retain their professional forms while adapting to altered state demands.

Nikolaenko, Dmitry. 2026. "The Role of the Scientific Community in the War Crimes of Their States: A Critical Bibliography of Walter Christaller". *Pollution and Diseases*, May, 11 pages. https://doi.org/10.66659/qta4cs82

This critical bibliography examines the relationship between Walter Christaller's geographical theory and planning under Nazi occupation. It uses the case to raise comparative questions about the responsibility of academic communities and the use of scholarly expertise by states engaged in war.

Nikolaenko, Dmitry. 2026. "Russian Academic Involvement in the War Against Ukraine. Super Normal Science and the Post Soviet Academic Community". *Pollution and Diseases*, October. https://doi.org/10.66659/0wes4184

This presentation uses the concept of super-normal science to examine the dependence of Russian academic institutions on the state during the war against Ukraine. It proposes a mechanism by which institutions can retain their professional forms while narrowing the questions researchers can pursue independently.

Research Training and Books on Research Methods

Tymoshenko, Anna. 2026. "Learning to Investigate: A Book for Universities and Multilingual Research Teams". *Pollution and Diseases*, November. https://doi.org/10.66659/ywg27c91

This review focuses on the teaching design of Learning to Understand the Object. It considers how its text, diagrams and learning units can be used in doctoral education and in preparing multilingual teams to investigate dynamic natural processes.

Tymoshenko, Anna. 2026. "Learning to Understand Complex Processes: A Review of Dmitry Nikolaenko's Learning to Understand the Object". *Pollution and Diseases*, November. https://doi.org/10.66659/2z3r7198

This review examines Learning to Understand the Object as a guide to organising interdisciplinary research on complex processes. It highlights the book's treatment of uncertainty and its application to advanced university teaching and collaborative research.

Visser, Lotte. 2026. “Một cuốn sách Khoa học khác thường Và Vô cùng hữu ích. Phỏng vấn Dmitry Nikolaenko”. *Pollution and Diseases*, November. https://doi.org/10.66659/0f0wg158

Vietnamese-language version of the interview with Dmitry Nikolaenko on Learning to Understand the Object. It presents his discussion of fragmented disciplinary knowledge, training international research teams and using AI to support accurate scientific translation and collaboration.

Visser, Lotte. 2026. “An Unusual and Exceptionally Useful Scientific Book. An Interview With Dmitry Nikolaenko”. *Pollution and Diseases*, November. https://doi.org/10.66659/hn0x9b47

Nikolaenko discusses how Scientific Recognition Architecture connects findings from different disciplines while keeping changes in the object of study in view. The interview considers research-team training, working across languages and examples from dioxin contamination, climate and sinkhole research.

Виссер, Лотте. 2026. “Необычная и в высшей степени полезная научная книга. Интервью с Дмитрием Николаенко”. *Pollution and Diseases*, November. https://doi.org/10.66659/5nk53h15

Russian-language version of the interview with Dmitry Nikolaenko on Learning to Understand the Object. It discusses how to follow a changing natural process across disciplinary boundaries and describes applications to expert training and the development of research information systems.

Infectious Ecology

Nikolaenko, Dmitry. 2026. “Before the First Recorded Case: Evgeny Rothschild and the Organisation of Research in Infectious Ecology”. *Pollution and Diseases*, November. https://doi.org/10.66659/v9b1xg26

Using Evgeny Rothschild’s work on natural plague foci, this article asks how to organise observations before the first recorded cases of disease. It considers how research teams could compare periods of activity and apparent quiescence and identify evidence that would test the geochemical hypothesis.

Visser, Lotte. 2026. “A New Book by Evgeny Rothschild on Infection Ecology”. *Pollution and Diseases*, November. https://doi.org/10.66659/wc00jk11

This review discusses the 2026 Prague reissue of Rothschild’s Infections in Nature and the observations that prompted his geochemical hypothesis about plague. It also describes how the new introduction connects pre-outbreak observations to research design and information systems.

Виссер, Лотте. 2026. “Новая книга Евгения Ротшильда по инфекционной экологии”. *Pollution and Diseases*, November. https://doi.org/10.66659/3njc5v48

Russian-language review of the 2026 Prague reissue of Infections in Nature. It discusses Rothschild's investigation of natural plague foci, the geochemical hypothesis he drew from it and the evidence required to examine processes preceding detected infections.

Editorial and Research Programme Documents

Editorial and Conference Publications

Editorial board. 2026. "Editorial Afterword. Opening a Discussion". *Pollution and Diseases* 2 (April): 40-42. https://doi.org/10.66659/pd.2026.003

The editorial board invites contributions on unresolved questions in pollution and disease research. It outlines how discussion submissions will be reviewed and published and explains the journal's role in providing a forum for expert disagreement.

Nikolaenko, Dmitry. 2026. "Introduction to the Understanding of the Great Trouble: War, Soil, and Freshwater Systems. Conference 2026". *Pollution and Diseases*, May. https://doi.org/10.66659/hq77aq38

The introduction sets out the scientific agenda of the 2026 conference on war, soil and freshwater systems. It uses Vietnam and Ukraine to illustrate why long-term consequences require collaboration across environmental and public-health disciplines.

Laboratory Organisation and Charters

New Euro Vision: exhibitions, marketing, research s.r.o. 2026. "FRAMEWORK FOR THE ESTABLISHMENT AND OPERATION OF INTERNAL LABORATORIES". *Pollution and Diseases*, September. https://doi.org/10.66659/3ny57r95

This document provides the shared corporate basis for establishing and operating internal laboratories at New Euro Vision. It distinguishes the continuing institutional responsibilities of the company from the rules, budgets and arrangements that individual projects may require.

New Euro Vision: exhibitions, marketing, research s.r.o. 2026. "LABORATORY OF INFORMATION SYSTEMS. CHARTER". *Pollution and Diseases*, September. https://doi.org/10.66659/j7j67v06

The charter defines the Laboratory of Information Systems as an internal unit of New Euro Vision. It sets out a remit spanning acquisition, digitisation, preservation, translation, verification and reuse of information for research and other projects.

New Euro Vision: exhibitions, marketing, research s.r.o. 2026. "LABORATORY OF MILITARY ECOTONES. CHARTER". *Pollution and Diseases*, September. https://doi.org/10.66659/tykjpc41

The charter defines the Laboratory of Military Ecotones' research remit, from soil, sediment and water to infrastructure and land use. It describes how field observation, sampling, mapping and analysis are to support the study of territories transformed by military activity.

Nikolaenko, Dmitry. 2026. “Building Research Infrastructure for Long-Term Studies of War: Project-Based Laboratories for Field Research, Information Systems, and Decision Support”. *Pollution and Diseases*, September. https://doi.org/10.66659/vgjtt250

The article describes a Czech project-based model for research on consequences of war that persist across generations. Permanent laboratories maintain field and information capabilities, while temporary teams undertake particular projects and preserve evidence for future investigations.