

INVENTAIRE DE COMPÉTENCES

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Version du 9 octobre 2025



Health impacts of extractive activities

Prevention and management of risks for workers and local residents

UNIVERSITY	LAST NAME	FIRST NAME	RESEARCH GROUP	KEYWORDS/ SHORT ACTIVITY DESCRIPTION/EXAMPLES OF PROJECTS	WEBSITE
ULiège	Pierre-Hugues	Stefanuto	ObiaChem	VOCs analysis, e-nose, GC×GC, breathomics, mass spectrometry	https://www.obiachem.uliege.be/cms/c_5722319/en/obiachem
ULiège	Chiap	Patrice	Clinical, forensic, environmental, and occupational toxicology services / GLP-AEPT Unit	The tests offered by our service enable you to effectively identify and focus your efforts on specific compounds in biological tissues and environmental samples by evaluating parameters such as: Determination of absorption/excretion potential and the transport mechanism involved. Evaluation of plasma protein and blood cell binding. Evaluation of metabolic stability. Identification of metabolites and resolution of their chemical structures. Profiling of CYP and other enzymes involved in the metabolism of a given drug. Inter-species comparison of key ADME parameters. Structural elucidation of degradation products and impurities in active ingredients and formulations. Analysis of residues in tissues (veterinary regulatory studies). Bioanalysis of natural compounds and xenobiotics in complex matrices (blood, plasma, urine, tissues, milk, eggs, etc.).	https://www.chuliege.be/jcms/c2_17561174/fr/toxicologie-clinique-medicolegale-environnementale-et-en-entreprise/unite-glp-aept
ULiège	MAESEN	Philippe	Bureau Environnement et Analyses (BEAGx)	The BEAGx is a university laboratory GLP-certified and authorized for waste and hazardous waste management. Our field of expertise covers environmental pollution control, product quality, and consumer safety.	https://www.beagx.uliege.be/cms/c_14975891/fr/beagx
UNamur	Fischer	Line	Irdena	Psychologie clinique, gestion des conflits, accompagnement, interculturel	https://irdena.unamur.be/
UMONS	Ris	Laurence	Neurosciences	metal neurotoxicity - Katanga mines. Project (ARES) Strengthening operational capacity and training in neuropsychiatry through the study of the neurotoxic effects of metals in the Katanga mining region	Accueil - Service / FMPB - Neurosciences
UMONS	Colet	Jean-Marie	Human biology and toxicology	Ecotoxicology, metabonomic, monitoring. Project (Greenwin) https://www.greenwin.be/fr/successStory/consult/36	Accueil - Service / FMPB - Biologie humaine et Toxicologie

Perceptions and dialogue with local communities
Approaches to strengthen transparency and trust
Integrating societal issues into industrial strategy

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Uliege	DENAYER	Dorothee	SEED	Nos recherches couvrent une diversité de thématiques environnementales. Ancrées dans les sciences sociales, elles nous engagent dans des dynamiques d'interdisciplinarité du fait de la nature hybride de nos objets d'étude. Face à la complexité des crises et transformations en cours, se posent des questions et enjeux de coexistence entre humains, avec les non-humains. Comment instaurer des conditions de collaboration et de cohabitation durablement négociées? Les innovations scientifiques expérimentées se situent aussi bien dans le domaine de la gouvernance des collectifs et dans l'adoption de dispositifs socio-techniques créatifs, alimentés d'une pluralité de savoirs et de compétences.	https://www.seed.uliege.be/recherche/
Uliege	DELVENNE	Pierre	CITE	Etudes sociales des sciences et techniques	https://www.cite.uliege.be/cms/c_3421996/fr/cite
Uliege	FLORE	Nathan	CITE	science, technologie et société / sociologie de la science	https://www.cite.uliege.be/cms/c_3421996/fr/cite
Uliege	XHAUFLAIR	Virginie	SECAT	Performance globale et reporting de l'impact social, Corporate social responsibility	https://www.hec.uliege.be/cms/c_8322439/fr/hec-social-enterprise-and-collective-action-for-transition
Uliege	MERTENS	Sylvie	SECAT	Social Impact Assessment	https://www.hec.uliege.be/cms/c_8322439/fr/hec-social-enterprise-and-collective-action-for-transition

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UCLouvain	Catellani	Andrea	ILC	corporate social responsibility ; science communication ; sémiotique ; communication environnementale ; communication religieuse ; communication d'entreprise ; rhétorique environnementale ; éthique en communication	https://www.uclouvain.be/fr/instituts-recherche/ilc
UCLouvain	Hericher	Corentin	LOURIM	Comportement des organisations ; responsabilité des entreprises ; CSR ; irresponsabilité ; éthique du business ; moralité ; employé ; employeur ; intelligence artificielle ; compliance	https://www.uclouvain.be/en/research-institutes/lourim
UCLouvain	Roszkowska-Menkes	Maria	LOURIM	Corporate Governance ; CSR ; ESG ; Responsabilité des entreprises ; durabilité ; Reporting ; Transparence	https://www.uclouvain.be/en/research-institutes/lourim
UCLouvain	Swaen	Valérie	LOURIM	Sustainability ; Environmental management ; Stakeholder analysis ; Social Responsibility ; Corporate Social Responsibility ; CSR ; Management du changement ; Consommateur ; Comportement ; Marketing ; Durabilité	https://www.uclouvain.be/en/research-institutes/lourim
UCLouvain	Lits	Grégoire	ILC	journalisme ; sociology of digital media and digital activism ; environmental sociology ; social movements theory ; intelligence artificielle ; presse ; communication des sciences ; santé ; climat ; transitions écologiques	https://www.uclouvain.be/fr/instituts-recherche/ilc

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ULB	Pohl	Sabine	Service de Psychologie du Travail et de la Consommation (PsyTC)	Chercheuse intéressée par l'acceptabilité de nouvelles normes environnementales, le spill-over, les comportements pro-environnementaux.	Sabine POHL Professor [Ph D] Université Libre de Bruxelles, Brussels ULB Research Centre of work and Consumption Psychology (PsyTC) Research profile
UNamur	Yans	Johan	ILEE/Département de Géologie	Gestion des ressources minérales et les paléaltérations météoriques. Expertises environnementales, avec des sociétés minières dans le domaine de la gestion des ressources naturelles en Belgique et dans les pays du Sud. Vulgarisation du contexte géologique à destination des riverains (et Grand Public).	https://www.unamur.be/fr/sciences/geologie/recherche/johan-yans
UNamur	Biémar	Sandrine	Irdena	Développement professionnel, dynamique collaborative, dispositifs pédagogiques	https://irdena.unamur.be/
UNamur	Falque	Régis	Irdena	Esprit critique, vulgarisation, médiation scientifique	https://irdena.unamur.be/
UNamur	Solbreux	Julie	NADI/CIRCE	Éducation à l'entrepreneuriat social et durable, écologie, conscience climatique, coaching d'organisations	https://nadi.unamur.be/
UMONS	Pouleur	Jean-Alexandre	Architecture et Société Institut Humanorg, Centre de recherche Urbaine	Territoire, identité, inclusion sociale, rapports sociaux, espace. Projet Interreg RHS (Réseau Hainaut Solidaire)	

Effects of quarries on ecosystems and biodiversity

Site rehabilitation and development methods

Environmental assessment and monitoring tools

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ULiège	Chiap	Patrice	Clinical, forensic, environmental, and occupational toxicology services / GLP-AEPT Unit	The tests offered by our service enable you to effectively identify and focus your efforts on specific compounds in biological tissues and environmental samples by evaluating parameters such as: - Determination of absorption/excretion potential and the transport mechanism involved. - Evaluation of plasma protein and blood cell binding. - Evaluation of metabolic stability. - Identification of metabolites and resolution of their chemical structures. - Profiling of CYP and other enzymes involved in the metabolism of a given drug. - Inter-species comparison of key ADME parameters. - Structural elucidation of degradation products and impurities in active ingredients and formulations. - Analysis of residues in tissues (veterinary regulatory studies). - Bioanalysis of natural compounds and xenobiotics in complex matrices (blood, plasma, urine, tissues, milk, eggs, etc.).	https://www.chuliege.be/jcms/c2_17561174/fr/toxicologie-clinique-medicolegale-environnementale-et-en-entreprise/unite-glp-aept
ULiège	Nouet	Cécile	IIS waste2bio	Waste2Bio's field of action: the economic and environmental redevelopment of brownfield sites through nature-based solutions (phytomanagement) that ensure ecological functions and the valorization of plant biomass.	https://www.waste2bio.org/cms/c_20198087/en/waste2bio
ULiège	MAESEN	<u>Philippe</u>	Bureau Environnement et Analyses (BEAGx)	The BEAGx is a university laboratory GLP-certified and authorized for waste and hazardous waste management. Our field of expertise covers environmental pollution control, product quality, and consumer safety.	https://www.beagx.uliege.be/cms/c_14975891/fr/beagx
ULiège	Mahy	Grégory	Biodiversité et paysage	Focus on the Biosphere We develop innovative science to better understand the functioning of natural, seminatural and anthropogenic ecosystems. Each ecosystem takes part in a complex landscape with multiple networks, presenting specific response to external forcing (urbanization, agriculture, invasiveness, mining, fire, climate change), and requiring specific actions to enable their conservation or restoration. Our research combines fundamental and applied science to offer innovative solutions to face global change.	biodivlandscape

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ULiège	Collinet	Gilles	Water, soil and plant exchanges	Remediation of polluted soils	https://www.terra.uliege.be/cms/c_8833310/en/axis-water-soil-and-plant-exchanges
ULiège	Léonard	Angélique	Products, Environment, and Processes (PEPs)	Within the Chemical Engineering Research Unit, Angélique Léonard's team specializes in eco-design and environmental impact assessment of products and processes through life cycle analysis (LCA), as well as in the drafting of environmental declaration sheets. In connection with the project, specific expertise in LCA, coupled with the creation of databases, was developed on the use of recycled sands and aggregates in cementitious materials, concretes, and sub-foundation products, on the use of secondary materials to reduce the proportion of clinker in cements and on carbonation.	Products, Environment, and Processes (PEPs)
UCLouvain	Agnan	Yannick	Environmental Sciences (ELIE)	Soil pollutants, particularly heavy metals, development of a soil quality index	https://biogeoscience.eu/equipe/agnan.htm
UCLouvain	Bogaerts	Patrick	Environmental Sciences (ELIE)	analysis of satellite pollution data (soil/air/water)	/
UCLouvain	Lambot	Sébastien	Environmental Sciences (ELIE)	Radars, drones, satellites for soil quality and properties	/
ULiège	Lebeau	Frédéric	Biosystems Dynamics and Exchanges (BIODYNE)	Relevant expertise is focused on the development of sites through agrivoltaics or photovoltaics	https://www.biodyne.uliege.be/cms/c_13230889/fr/biodyne

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ULB	Apostoli	Elena	SASHA Laboratoire architecture et sciences humaines	Anthropologist who studies resistance to extractivist practices and who participated in the Horizon Europe TIPPING+ project (see article "Ethnicism and (green) extractivism in contemporary Sulcis. A study through the lenses of citizenship and activism")	Elena APOSTOLI CAPPELLO Associated researcher School for Advanced Studies in the Social Sciences, Paris EHESS Institut interdisciplinaire d'anthropologie du contemporain (IAC) Research profile
UNamur	Yans	Johan	ILEE/Département de Géologie	Mineral resource management and meteoric paleoalteration. Environmental expertise, with mining companies in the field of natural resource management in Belgium and in the countries of the South. Popularization of the geological context for local residents (and the general public).	https://www.unamur.be/fr/sciences/geologie/recherche/johan-yans
UNamur	Dendoncker	Nicolas	ILEE/Département de Géographie	Transition vers des espaces durables et résilients afin d'améliorer le bien-être des populations en termes de santé, alimentation, ressources naturelles, sécurité, relations sociales et liberté de choisir	https://www.unamur.be/fr/sciences/geographie/recherche
UNamur	De Laender	Frederik	ILEE/URBE-Unité de Recherche en Biologie Environnementale et évolutive/LEEE	Environmental Ecology of Ecosystems: Understanding the composition, diversity and functioning of aquatic communities for the functioning of ecosystems in the face of environmental variation	https://www.unamur.be/fr/sciences/biologie/recherche/urbe/leee
UNamur	Silvestre	Frédéric	ILEE/URBE-Unité de Recherche en Biologie Environnementale et évolutive/LEAP	Evolutionary and Adaptive Physiology: study of the impacts of environmental changes (pollution, temperature, salinity, etc.) on aquatic organisms at different levels: molecular, physiological, phenotypic.	https://www.unamur.be/fr/sciences/biologie/recherche/urbe/leap

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UNamur	Dennis	Alice	ILEE/URBE-Unité de Recherche en Biologie Environnementale et évolutive/LEAG	Evolution adaptative et génomique : étude des variations génétiques et physiologiques entre les populations et les espèces, notamment les différences de tolérance à la température (en particulier au gel), la réponse à de multiples facteurs de stress, et entre les parasitoïdes et leurs hôtes.	https://www.unamur.be/fr/sciences/biologie/recherche/urbe/leag
UNamur	Thoré	Eli	ILEE/URBE-Unité de Recherche en Biologie Environnementale et évolutive/LAB	Biodynamique Adaptative : approche intégrative pour comprendre comment les animaux réagissent aux changements environnementaux, en particulier ceux induits par l'activité humaine, dans l'espace et dans le temps, pour un avenir durable	https://www.unamur.be/fr/sciences/biologie/recherche/urbe/lab
UNamur	Reid	Brendan	ILEE/URBE-Unité de Recherche en Biologie Environnementale et évolutive	Using population biology and genetic data to understand the basis of species responses to novel stresses for biodiversity conservation in the current era of global climate change. Combining cutting-edge genomic sequencing across space and time with habitat data, demographic data, and computational methods to understand the evolutionary responses of species and communities to environmental change over time and to propose conservation solutions to ensure their continued existence.	https://www.unamur.be/fr/sciences/biologie/recherche/urbe
UMONS	Kaufmann	Olivier	Geology and Applied Geology	mine waters, hydrogeophysical monitoring, management of risks related to post-mining, karst risk, characterization of geo-material and mineral resource deposits, sustainable management and utilization of groundwater resources. Project (Greenwin) https://www.greenwin.be/fr/successStory/consult/36	www.umons.ac.be
UMONS	Hantson	Anne-Lise	Applied chemistry and biochemistry	modeling the transport of micropollutants into aquifers, biodegradation by bacteria and fungi, remediation of industrial lagoons. Project (Greenwin) https://www.greenwin.be/fr/successStory/consult/36	.