



Joint International Symposium CIRSET – LIA Ecoland

Sustainable management of strategic metals: from extraction to sobriety and the preservation of biodiversity

October 12th – 15th, 2025
Nancy

Context of the workshop: The 16th edition of the international Franco-Chinese workshop ECOLAND is joining forces for the first time with the LUE CIRSET program to strengthen international cooperation on strategic metals issues by considering the entire value chain, from extraction and the management of its environmental consequences on the environment to the consumption of metals, focusing on ways to achieve sobriety and the preservation of biodiversity. This transdisciplinary project will bring together researchers from disciplines ranging from geosciences and materials sciences to soil and life sciences. Its aim will be to encourage synergistic research on an international scale to propose cutting-edge, innovative solutions to the issues raised by the growing need for strategic metals. This workshop will form the first two days of the biennial international conference organized since 2017 by LabEx Ressources 21, which will give way to the CIRSET program from April 2025, the aim of which is to provide a holistic vision of the materials value chain by applying the principles of the circular economy.

Organizers: Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement (INRAE), Université de Lorraine (UL), Sun Yat-sen University (SYSU), South China Agricultural University (SCAU)

Agenda

Registration and welcome of the international delegation	12 th October
Field trip	13 th October
<ul style="list-style-type: none"> Tour of urban experimental installations in the Metropole du Grand Nancy Excursion on an industrial settling pond managed by natural attenuation 	9:00 – 12:00 14:00 – 17:00
Short program of the symposium	
<ul style="list-style-type: none"> Opening ceremony followed by the group photo 1st session of scientific presentations followed by the gala diner 2nd session of scientific presentations 	14 th October 14 th October 15 th October
Scientific topics	
Topic 1: Sobriety and circular economy Topic 2: Preservation of biodiversity <ul style="list-style-type: none"> Ecotoxicity and response of organisms in contaminated environment Biodiversity in contaminated lands Topic 3: Sustainable mining <ul style="list-style-type: none"> Fate and behavior of pollutants in contaminated lands Technologies and strategies for soil restoration and sustainable metal extraction 	14-15 October



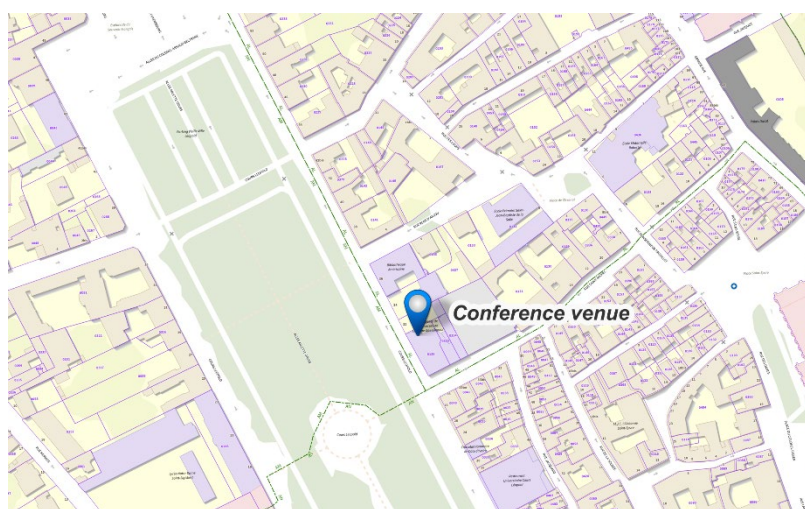
Organization committee

Name	
Chagnes Alexandre	Professor, Géoressources, UL
Chernaburova Olga	Project manager, LUE, UL
Jin Chao	Professor, SESE, SYSU
Morel Jean-Louis	Emeritus Professor, LSE, INRAE-UL; Adjunct Professor, SYSU
Ni Zhubiao	Professor, SCAU
Ouvrard Stéphanie	Research director, Director of LSE, INRAE-UL
Qiu Rongliang	Professor, Vice President of SCAU
Schwartz Christophe	President of the INRAE Grand Est-Nancy center
Séré Geoffroy	Professor, LSE, INRAE-UL
Sirquey Catherine	Associate Professor, LSE, INRAE-UL
Tang Yetao	Professor, Deputy Dean, SESE, SYSU
Wang Shizhong	Professor, Deputy Dean, SESE, SYSU
Zhao Chunmei	Associate Professor, SESE, SYSU

Participation

The workshop will be held in downtown Nancy in the auditorium of the President's Building of the Université de Lorraine, 34 cours Leopold.

The speaking time for your presentation is 12 minutes plus 3 minutes for questions and discussion. For keynote talks, it is 22 minutes for the talk and 3 minutes for questions.



Free registration

Scan the QR or use the [link](#) to register

Contact for more information: catherine.sirquey@univ-lorraine.fr