

PREZODE proposal for the European conference ALTERNET
Transformative changes for biodiversity and health

Name and Institutions of Chairs and Co-Chairs

Chair : INRAE

Co-Chair : CIRAD, IRD

Session title

Sustainable food system and zoonotic disease emergence: prevention of the risk by mitigating the impact on biodiversity.

Session abstract

PREZODE (Preventing ZOonotic Disease Emergence) is an innovative international initiative launched by the French President Emmanuel Macron on January 11, 2021 during the One Planet Summit on biodiversity. Today, it brings together more than 100 international organizations, Non-Governmental Organizations, Research Institutions as well as 7 countries namely: France, Mexico, Belgium, Vietnam, Zimbabwe, Cambodia and Costa Rica). PREZODE aims to understand the risks of emergence of zoonotic infectious diseases, to develop and implement innovative methods to improve prevention, early detection, and resilience in order to ensure rapid response to the risks of emerging infectious diseases of animal origin.

Preventing the emergence of zoonotic diseases is a cross-sectorial issue that encompasses many concerns such as biodiversity loss and agricultural development.

This session aims to focus on the link between biodiversity and food systems, in order to prevent zoonotic disease emergence by answering two questions:

How to put in place sustainable food systems while ensuring food safety and biodiversity protection with lower risk of zoonotic disease emergence?

What is the link between biodiversity and zoonotic risk emergence concerning food systems and agricultural practice?

To develop these issues and set out the several research gaps in this field, the session will gather scientists from several sector and academic field, according to a One Health approach.

The first part will be a presentation of a scientist in the field of biodiversity and sustainable food systems.

During the second part, PREZODE will present the result of the co-construction workshops of the initiative (regional workshops and scientific workshop), the research gaps and the operational needs highlighted by this co-construction approach concerning biodiversity and sustainable food systems.

The third part of the presentation will be a round table with scientists and stakeholders, enabling discussion and comments in this field.

Type of session: Presentation and round table.

Intended outputs :

Bring together a community of scientists according to a One Health approach in the field of biodiversity, sustainable food systems and management of zoonotic risk.

Put in the foreground the importance of biodiversity for sustainable and low-risk food systems, and stimulate public policy concerning land use and food system management.

Strengthen the links between PREZODE and others initiatives and Research Institutions, and to increase the institutional coordination.

Duration : 2 hours