

Ad hoc support : Dossier SC

Agropolis International Dossier "Complex systems, from biology to territories"

ABSTRACT

For more than ten years, the GIS "Réseau National des Systèmes Complexes" (RNSC) has been structuring the complex systems community across France through geographical (Ile de France, Rhône-Alpes, Toulouse) and thematic networks. A similar initiative has been envisaged in Montpellier and now in the Occitanie region. To this end, it was decided to make an inventory of regional research on complex systems in the fields of biology, environment, agronomy and land management and to make it available through an Agropolis Dossier.

Keywords : 1. Exclu de la photothèque

Year : 2017

Project number : 1700-016

Type of funding : SP

Project type : PC

Research units in the network : G-EAU

Start date : 2017-06-01

End date : 2018-12-31

Flagship project : no

Project leader : Jean-Pierre Muller

Project leader's institution : CIRAD

Project leader's RU : SENS

Budget allocated : 7000 €

Total budget allocated (including co-financing) : 7000 €

Funding : Labex

GOAL

This dossier will contribute to structuring, making visible and promoting the skills of the Occitanie scientific community working on the theme of "Complex Systems". This issue will present the issues and challenges related to this theme as well as the way in which regional actors contribute to meeting them through examples of cutting-edge scientific advances, major innovations, collaborations, infrastructures, original training courses, etc.

ACTION

Identification of the thematic perimeter and the regional research actors involved

Call for contributions from the identified actors

Selection and commissioning of articles

Writing of articles and editing

Planned actions :

Layout of the document (French version)

Printing of the French file

Translation

Editing of the English version

Layout and printing (English version)

RESULTS

A communication document (about 72 pages) in French and English versions, printed in 2000 copies of each version.

Both versions will also be posted on the Agropolis International website and via social networks (free download).

PERSPECTIVES

This project is an important step in the structuring of a complex systems community in the field of biology, agriculture and the environment.