GEOBIA2018

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ABSTRACT

The image processing techniques covered by the GEOBIA community contribute to increasing the potential of remote sensing data for land use mapping and other applications. The research groups active in this field in Montpellier and Toulouse have long been using remote sensing for tropical research in developing countries. They propose to extend the scope of the event to applications such as resource monitoring and management for development and food security.
In addition, the indices based on the images managed by the GEOBIA community can be significant in landscape ecology to describe urban, rural or natural landscapes and thus contribute to the understanding and modelling of complex ecosystems.
By promoting the event to our colleagues in the South, GEOBIA 2018 will provide an opportunity for exchange and collaboration on the various problems facing the planet in the face of climate change impacts. Teams from the South and the North will find during this session the opportunity to present their work on global challenges such as agro-systems, forest and natural resources monitoring, food security or yield modelling, risk management or urban applications.

GEOBIA2018 will start with 1.5 days for PhD students focused on training and exchange, especially with young researchers. One of the objectives is to help young researchers from the South to participate in this session by supporting the overall cost of their coming. A selection will be made by the scientific committee.
The conference will be held over 3 days with parallel sessions and social events.
A professional demonstration would be possible in the Agropolis hall.
Poster sessions will be held during the conference.

Agropolis Fondation's support will focus on hosting PhDs from the South who will be invited to the event on behalf of Agropolis Fondation.

Analysis and synthesis of what is being done in the Labex units on OBIA methods (Units, number of researchers and fields in which scientists carry out their research with these methods)

Year : 2017
Project number : 1700-010
Type of funding : PC
Project type : SP
Research units in the network :
Start date : -0001-11-30
End date : 2018-07-31
Flagship project : no

Project leader : Christiane Weber
Project leader's institution : CIRAD
Project leader's RU : TETIS

Budget allocated : 5000 €
Total budget allocated (including co-financing) : 5000 €
Funding : Labex