

# ICOS

INTEGRATED  
CARBON  
OBSERVATION  
SYSTEM

# ICOS BELGIUM

## Science Conference 2017



The Integrated Carbon Observation system (ICOS) is a European research infrastructure dedicated to understanding the European greenhouse gas (GHG) balance and its perturbations, by observing GHG fluxes in the ecosystems, the atmosphere and the oceans through integrated national networks. These distributed observation networks perform continuous, long term, standardized measurements of GHGs and meteorological variables. The data are stored at the ICOS Carbon Portal, where they are freely accessible to users from both within and from outside the ICOS community.

The national observation network of Belgium consists of 6 ecosystems stations, 3 marine observation platforms and 1 atmospheric observatory on Ile de La Réunion.



Presentations, posters, field visit



20 October 2017



Gembloux Agro-Bio Tech  
Université de Liège  
Passage des Déportés 2  
5030 Gembloux  
BELGIUM



<http://www.icos-belgium.be/register.html>

Register before 1 September 2017  
Registration is free of charge



Learn more at

<http://www.icos-belgium.be/conference.html>

More info on the Belgian ICOS network at

[www.icos-belgium.be](http://www.icos-belgium.be)

More info on the European ICOS network at

[www.icos-ri.eu](http://www.icos-ri.eu)



Organized by the University of Liège (ULG)  
and the University of Antwerp (UAntwerpen)

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The goal of the ICOS Belgium Science Conference is to

- (1) present an overview of the ongoing scientific activities in the ICOS Belgium network;
- (2) explore the array of research topics possible with the data and in situ at the measurement stations; and
- (3) foster collaboration with the scientific community interested in greenhouse gas observations on land, in the oceans and in the air.

We welcome researchers, data users and other stakeholders both from within and outside of the ICOS Belgium community. Participants are especially invited to submit contributions focussed on

- (1) the **use of the ICOS data**; and
- (2) on interesting collaborations and scientific research possibilities at the **ICOS infrastructure**.

### FIELD VISIT TO THE LONZÉE ECOSYSTEM STATION



The Lonzée ecosystem station is a four year rotation agricultural crop land, where meteorological variables and greenhouse gas fluxes have been monitored since 2004. It is the first European station to have received the ICOS label and is therefore the first station that is completely standardized according to ICOS requirements. A visit to the station is programmed.

With the support of:

