



# Earth Observation for Inventory Webinars

## 29<sup>th</sup> February 2016

A series of webinars are being held to share the outcomes of the UK-led project on ***Scoping the potential for Earth Observation (EO) to provide agricultural activity data for inventory compilation*** which supports the aims of the Global Research Alliance (GRA) on Agricultural Greenhouse Gases

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### About the project

The project aimed to critically evaluate the ability of existing or near launch EO sensors to fulfil the data requirements of the Agriculture, Forestry and Other Land Use (AFOLU) inventory. Information on priority data requirements were collected through an international stocktake, and the project assessed the extent to which EO data could fulfil some of these requirements. The international stocktake also gathered information on experiences of using EO for inventory compilation and addressed whether such approaches represent cost saving against existing survey methods.

### Webinar objectives

- Share the outcomes of the international stocktake on inventory activity data requirements and potential and existing uses of EO (as well as perceptions of EO);
  - Identify opportunities for collaboration and capacity building;
  - Share details of international case studies on use of EO in inventory compilation and the results of a novel UK case study;
  - An overall objective is to facilitate information sharing between inventory practitioners, EO specialists and policy makers from across the world.
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### Registration and further information

Please follow this link <https://appliedgeosolutions.webex.com/> to register your participation in the webinar(s) you would like to attend and to access a link required for login on the day. Before you join the event, please check you have the appropriate players to view UCF (Universal Communications Format) rich media files (details provided at registration).

### Contact details

For further information on the project and agenda, please contact Adele Hulin (ADAS).

For questions on the webinar facility, please contact Jagadeesh Yeluripati (The James Hutton Institute).

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**Please register your participation by 25<sup>th</sup> February 2016**

# Agenda

There are two sessions to accommodate different time zones. United Kingdom (GMT) times are provided below. **Please change the time zone on the registration pages to match your location.**

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## **Session 1 (9.30 – 12.00 GMT)**

Webinar 1 (50 minutes)

**9.30 – 10.00** Presentation: International Stocktake on Activity Data Requirements and Earth Observation for Inventory Compilation (Martyn Silgram, ADAS, and Thomas Lankester, Airbus)

**10.00 – 10.20** Discussion, Comments, Questions (All webinar participants)

Webinar 2 (40 minutes)

**10.30 – 10.50** Presentation: Historic International Earth Observation Usage Case Study (Thomas Lankester, Airbus)

**10.50 – 11.10** Discussion, Comments, Questions (All webinar participants)

Webinar 3 (40 minutes)

**11.20 – 11.40** Presentation: Using the annually updated but coarse resolution MODIS global land cover product for greenhouse gas accounting. A case study for the UK (France Gerard, CEH)

**11.40 – 12.00** Discussion, Comments, Questions (All webinar participants)

## **Session 2 (15.00 – 17.30 GMT)**

Webinar 1 (50 minutes)

**15.00 – 15.30** Presentation: International Stocktake on Activity Data Requirements and Earth Observation for Inventory Compilation (Martyn Silgram, ADAS, and Thomas Lankester, Airbus)

**15.30 – 15.50** Discussion, Comments, Questions (All webinar participants)

Webinar 2 (40 minutes)

**16.00 – 16.20** Presentation: Historic International Earth Observation Usage Case Study (Thomas Lankester, Airbus)

**16.20 – 16.40** Discussion, Comments, Questions (All webinar participants)

Webinar 3 (40 minutes)

**16.50 – 17.10** Presentation: Using the annually updated but coarse resolution MODIS global land cover product for greenhouse gas accounting. A case study for the UK (France Gerard, CEH)

**17.10 – 17.30** Discussion, Comments, Questions (All webinar participants)