

Greenhouse Gas Mitigation Modelling Tools Webinar Series 2023

Session 5: Basics of FAO EX-ACT TOOL for AFOLU Sector Modelling

21 June 2023, Wednesday, 10:00 AM -11:30 AM AST

Background:

In the fifth session of the series, we provide an overview of the suite of tools available for GHG modelling and projections in the Agriculture, Forestry and Other Land Use (AFOLU) sector, developed by the United Nations (UN) Food and Agriculture Organization (FAO).

One of such tools, EX-Ante Carbon Balance Tool (EX-ACT), which quantifies the amount of greenhouse gas released or sequestered from agricultural production. It can be used at any stage of the intervention – the design, monitoring and evaluation of projects and policies to support informed decision-making processes. It can assess individual projects and policies, but also investment portfolios as well as national level programs and strategies.

This session is brought to you by the Modelling & Projections Programme of the Caribbean Cooperative Measurement, Reporting and Verification (MRV) Hub, in collaboration with UN FAO.

Objectives:

This session will present an overview of the PROSPECTS+ modelling tool and its usage. Through this session, participants shall gain a deeper understanding of the steps required to use PROSPECTS+.

The session will focus on:

- An overview of the various tools within the FAO suite of AFOLU sector modelling tools (EX-ACT, B-INTACT, EX-ACT VC)
- A deeper look into the data and other requirements for operation of the EX-ACT tool
- A demonstrative look at the capabilities of the [FAO EX-ACT Tool//FAO Suite of Tools] through a worked exercise

Target audience:

- Decision-makers in climate change divisions
- Officers focusing on climate change mitigation
- GHG inventory coordinators and developers
- Academics involved in climate change mitigation planning topics and other interested parties.
- Planners involved in the Agriculture, Land Use, Land Use Change and Forestry (LULUCF) with interest in understanding climate change actions and their impacts in the respective sectors.

All Participants are welcomed, but the major focus will be on the Caribbean region.

Registration:

Registration closes on the day of the webinar and can be done using the link below:

[REGISTER HERE](#)

Structure and content of the virtual webinars:

Each session features three main stages which feature the following:

- Pre-webinar preparation

- Upon registration, participants will receive the webinar agenda and Zoom link to access the session.
- More information on the model and access to FAO Suite of Tools and other relevant material be obtained through the following links:

EX-ACT Tool Overview: <http://www.fao.org/in-action/epic/ex-act-tool/overview/en/>

Flyers: <http://www.fao.org/3/ca7087en/CA7087EN.pdf>
<http://www.fao.org/3/cb2111en/CB2111EN.pdf>
<http://www.fao.org/3/ca8242en/CA8242EN.pdf>

To download the tools (registration required to accept terms of use):

<http://www.fao.org/in-action/epic/ex-act-tool/suite-of-tools/registration/en/>

For more information: <http://www.fao.org/3/i6340e/i6340e.pdf>

- Webinar (90 minutes)

- Presentation on the FAO Suite of tools’ capabilities and functions, key features, data requirements, and a worked example of its usage
- Question and answer segment where participants are allowed to engage experts on the presentation content and make suggestions for future webinar content.

- Follow-up stage

- Participants are asked to provide feedback on the webinar content, approach, and execution using a feedback form which will be sent via email. Furthermore, participants will be encouraged to discuss follow-up questions or further topics of interest by communicating directly with the MRV Hub Secretariat via email.

The virtual seminar will be conducted via ZOOM Meetings.

Tentative webinar agenda:

5 min	<p>Introduction by Donnie Boodlal</p> <ul style="list-style-type: none"> - Opening, housekeeping, agenda overview, presenter introductions
10 min	<p>Overview of the FAO Suite of Tools by Aristide Ouedraogo, Climate Change Economist, & Lorenzo Maestripieri, Low Carbon Agriculture Specialist, Food and Agriculture Organization (FAO)</p> <ul style="list-style-type: none"> - Tool capabilities & functions, key features and data requirements
25 min	<p>Introduction to the EX-ACT Tool by Aristide Ouedraogo, Climate Change Economist, & Lorenzo Maestripieri, Low Carbon Agriculture Specialist, Food and Agriculture Organization (FAO)</p>

25 min	Demonstration of FAO EX-ACT Tool Usage by <i>Aristide Ouedraogo, Climate Change Economist, & Lorenzo Maestriperi, Low Carbon Agriculture Specialist, Food and Agriculture Organization (FAO)</i>
20 min	Q & A session with the participants - Zoom poll
5 min	Closing & introduction to next session