



Methods and tools for biodiversity and ecosystem services valuation and management

Online Training Workshop – 9th, 11th, and 14th December 2020

Training Workshop description

The second edition of the training workshop “Methods and tools for biodiversity and ecosystem services valuation and management”, organised by the Centre for Social and Economic Research on the Global Environment (CSERGE, University of East Anglia, UK) within the GROW Colombia Project, will focus on the practical application of methods for ecosystems services and biodiversity valuation and their use for informing policy decision making.

This second edition is particularly suited to practitioners from public research institutes who work in the field of biodiversity and environmental management. Through a combination of lectures and hands-on applications, participants will examine how economic instruments can be used to study environmental and social sustainability and be used in their day-to-day research and policy activities.

The workshop will take place online for three mornings on the 9th, 11th, and 14th December 2020.

Participants are expected to:

- Register for the course through the registration form and send it by email to: Juan Azcarate - Juan.Azcarate@earlham.ac.uk
- Attend all the activities scheduled for the three mornings, including the lectures, the hands-on exercises, and the Q&A sessions
- Participants are encouraged to think about possible applications in their day-to-day work of the topics and methods covered in the workshop and/or about specific challenges they are facing. This will be discussed during Q&A sessions.

The hands-on exercises will consist of interactive group activities. Participants will be divided in groups and will be required to use different economic methods on datasets related to the cacao production and consumption in Colombia. Handouts will be provided as guidance and groups will be supervised by one of the CSERGE instructors. At the end of the group exercise, participants will be asked to briefly report to plenary about the practical work.

Training Workshop Schedule

DAY 1 – Wednesday December 9 th		
Timing	Activity	Lecturer
7:30-7:45 (15 mins)	Opening, participants introduction, workshop objectives	Silvia Ferrini
7:45-8:30 (45 mins)	Natural Capital and Ecosystem Services: concepts and methods	Silvia Ferrini
8:30-9:15 (45 mins)	Decision support systems: Cost-Benefit Analysis	Jaime Erazo + Gaetano Grilli
9:15-9:30 (15 mins)	Coffee Break	

9:30-10:45 (1hr 15mins)	Decision support systems workshop: a practical exercise with Cost-Benefit Analysis <ul style="list-style-type: none"> • Participants will be split in groups • Groups will report to plenary 	All
10:45-11:00 (15 mins)	Q&A session	All
11:00-11:30 (30 mins)	Theoretical basis for PES	Jaime Erazo

DAY 2 – Friday December 11th

Timing	Activity	Lecturer
7:30-8:15 (45 mins)	Legal definition of PES in Colombia with examples	Jaime Erazo
8:15-8:45 (30 mins)	A Cost-Benefit Analysis for sustainable cattle ranching	Gaetano Grilli
8:45-9:30 (45 mins)	Economic valuation I: pricing methods and production function	Corrado Di Maria
9:30- 9:45 (15 mins)	Coffee Break	
9:45-11:00 (1hr 15mins)	Pricing method workshop: a practical exercise on valuing ecosystem services <ul style="list-style-type: none"> • Participants will be split in groups • Groups will report to plenary 	All
11:30-12:00 (30 mins)	A Production Function approach for cacao farming	Gaetano Grilli
12:00-12:15 (15 mins)	Q&A session	All

DAY 3 – Monday December 14th

Timing	Activity	Lecturer
8:00-8:30 (30 mins)	Economic valuation II: Contingent Valuation	Gaetano Grilli
8:30- 9:15 (45 mins)	Economic valuation III: Choice Modelling	Gaetano Grilli
9:15-9:30 (15 mins)	Coffee Break	
9:30-10:45 (1hr 15mins)	Stated preferences workshop: a practical exercise on stated preferences data <ul style="list-style-type: none"> • Participants will be split in groups • Groups will report to plenary 	All
10:45-11:15 (30 mins)	A Choice Experiment for sustainable cacao production	Gaetano Grilli
11:15-12:00 (45 mins)	Q&A session	All
12:00-12:15 (15 mins)	Workshop closing	All