Advanced course:

GREENHOUSE GAS ASSESSMENT AND MITIGATION IN AGRICULTURE: CONCEPTS, METHODS AND SIMULATION TOOLS

Zaragoza (Spain), 30 November- 4 December 2026

Time	Monday 30	Tuesday 1	Wednesday 2	Thursday 3	Friday 4
9:15-10:15	**Opening**	3. GHG mitigation options for cropping systems ***A. Sanz-Cobeña***	4.3. Practical work on GHG NI based on a case study ***J. Álvaro-Fuentes, A. del Prado & R. Oliveri***	5.3.1. Practical work on Field-scale process-based models ***J. Álvaro-Fuentes, A. del Prado & T. Viskari***	6. Decision-making oriented tools ***E. Milne***
10:15-11:15	1. Context ***L. Schietecatte***		5.1.1. GHG estimation tools: process-based models. Overview ***J. Álvaro-Fuentes & A. del Prado***		
11:15-11:45	**Coffee Break**				
11:45-12:45	1. Context ***L. Schietecatte***	3. GHG mitigation options for cropping systems ***A. Sanz-Cobeña***	5.1.2. GHG estimation tools: Field scale models for estimation ***J. Álvaro-Fuentes & A. del Prado***	5.3.1. Practical work on Field-scale process-based models ***J. Álvaro-Fuentes, A. del Prado & T. Viskari***	6. Decision-making oriented tools ***E. Milne***
12:45-14:00	**Lunch**				
14:00-15:00	2. Measuring agricultural GHG emissions and soil carbon changes ***K. Klumpp***	**4. National GHG inventories** 4.1. IPCC-based methods and 4.2. Overcoming drawbacks limitations and uncertainties in different national conditions ***R. Oliveri***	5.1.3. GHG estimation tools: Regional and global models ***T. Viskari***	5.3.1. (continuation)	7. Round Table discussion: "Priorities on GHG research" **J. Álvaro-Fuentes*, E. Milne*, A. del Prado & *T. Viskari***
15:00-16:00			5.1.4. GHG estimation tools: challenges of scaling up (or down) ***T. Viskari***	5.3.2. Practical work on LCA ***A. Jebari & A. del Prado***	
16:00-16:15	**Coffee Break**				**Closing session**
16:15-17:15	3.4. Options for enhancing CO_2 removal ***J. Álvaro-Fuentes***	(continuation) ***R. Oliveri***	5.2. Life cycle analysis (LCA) ***A. Jebari***	5.3.2. Practical work on LCA ***A. Jebari & A. del Prado***	
17:15-18:15		4.3. Practical work on GHG NI based on a case study ***J. Álvaro-Fuentes, A. del Prado & R. Oliveri***			
18:15-18:45					
18:45-19:15					