

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