

Future Farming: bringing together the best of nature-based and agri-tech solutions

AGENDA - Wednesday 30th March 2022, Rothamsted Conference Centre

TIME	SESSION
10:00	Registration and tea/coffee
10:30	Welcome and opening remarks Angela Karp (Centre Director, RRes) The ASSIST programme and order of the day: Richard Pywell (UKCEH) and Jonathan Storkey (RRes)
10:50	SESSION 1: Improving the efficiency and resilience of food production Exploring the key environmental drivers explaining variability in crop yield and the importance of semi-natural habitats for increasing resilience of yield to environmental shocks. Speakers: Ian Shield (RRes), Andy Tye (BGS) and Emily Upcott (UKCEH)
11:15	SESSION 2: Managing the impacts of farming on the environment Measuring the impacts of agricultural practices on biodiversity, greenhouse gas emissions and water pollution. Speakers: Susan Jarvis (UKCEH), Helen Metcalfe (RRes), Vicky Bell (UKCEH) and Niall McNamara (UKCEH)
11:45	SESSION 3: Integrating nature-based and agri-tech solutions on the ASSIST commercial farm network Large-scale experiments investigating the impacts of novel farmer-led practices, including in-field flower strips, herbal leys and cell grazing, on agronomic and environmental outcomes. Speakers: Sam Cook (RRes), Ben Woodcock (UKCEH) and Jordana Rivero (RRes)
12:10	SESSION 4: Discussion session
12:30	Lunch
13:40	SESSION 5: How has ASSIST helped me? A Farmer perspective The relevance and value of the ASSIST programme to farmers and the farming industry. Speaker: Julian Gold (East Hendred Estate)
14:00	SESSION 6: Designing future farmed landscapes Demonstrating the integration of the knowledge gained in ASSIST into new digital tools to support farmer decisions and explore future land management scenarios. Speakers: Tom August (UKCEH), John Redhead (UKCEH) and Alice Milne (RRes)
14:25	SESSION 7: ASSIST impacts and what's next Speakers: Claire Carvell (UKCEH), Richard Pywell and Jonathan Storkey
14:45	SESSION 8: Discussion session
15:05	Closing remarks from the Centre Directors Karen Hanghøj (BGS) and Mark Bailey (UKCEH)
15:15	Networking and PhD poster session (including light refreshments)
17:00	End of event