

## FUTURE REQUIREMENTS FOR ENGLAND'S SOIL MAPS

### Workshop Agenda

#### *Discussion of use and experiences with the National Soils Data for England.*

<b>10.00</b>	<b>Introductions</b>
	<ul style="list-style-type: none"><li>• Ellen Fay, Sustainable Soils Alliance (SSA). <i>Welcome and introduction.</i></li><li>• Rachel Boulderstone, Defra. <i>The policy background.</i></li></ul>
<b>10.10</b>	<b>1. Setting the scene</b>
	<ul style="list-style-type: none"><li>• Cranfield University. <i>Soil maps in England.</i></li><li>• James Hutton Institute. <i>Soil maps in Scotland.</i></li><li>• Welsh Government. <i>Soil maps in Wales.</i></li></ul> <p>Q&amp;A</p>
<b>10.40</b>	<b>2. Current limitations experienced in England</b>
	<ul style="list-style-type: none"><li>• British Geological Survey (BGS). <i>The importance of the soils dataset.</i></li><li>• UK Centre for Ecology and Hydrology (UKCEH). <i>Experience of the Joint UK Land Environment Simulator (JULES) Model.</i></li></ul> <p>Q&amp;A</p>
<b>11.05</b>	<b>3. Application of soil maps for future solutions</b>
	<ul style="list-style-type: none"><li>• Environment Agency. <i>Using soil maps in the field.</i></li><li>• Natural England. <i>Soil mapping for land capability, planning, management, and monitoring.</i></li><li>• Joint Nature Conservation Committee (JNCC). <i>Nationwide soil monitoring: accessibility and useability of critical variables from all sources for meaningful interpretation across different scenarios.</i></li></ul> <p>Q&amp;A</p>
<b>11.40</b>	<b>Comfort break</b>
<b>11.45</b>	<b>4. Innovation and future needs</b>
	<ul style="list-style-type: none"><li>• Ordnance Survey. <i>How innovation could remove the barriers to soil data use and support the soils agenda through collaborative action.</i></li><li>• Map of Ag. <i>Breaking down the barriers of data sharing for increased benefit of all users.</i></li></ul> <p>Q&amp;A</p>
<b>12.15</b>	<b>Lunch break</b>
<b>12.35</b>	<b>5. Discussion Session</b>
	<b>Breakout Rooms for Discussion</b> <i>Feedback session</i>
<b>13.55</b>	<b>Summary of the issues and next steps</b>
<b>14:00</b>	<b>Close</b>

## List of Attendees

### Defra / SSA:

Rachel Boulderstone	Defra Soils Policy team
Harriet Cooper	Defra Soils Policy team
Philippa Bennet	Defra Soils Policy team
Graeme Duggan	Defra Soils Policy team
David Hunter	Defra Soils and Peatland Policy team
Judith Stuart	Defra Soils and Peatland Policy team
David Smedley	Defra Soil and Peat Evidence team
Deborah Steele	Defra Soil and Peat Evidence team
Chloe Smale	Defra Soil and Peat Evidence team
Lee Lyons	Defra Peat Policy team
Andrew Newman	Defra Digital, Data and Technology Services
Elizabeth Finch	Defra NCEA
Matthew Mcarthur	Defra Earth Observation expert
Ellen Fay	SSA
Matthew Orman	SSA
Neville Fay	SSA
Anicée Defrance	SSA

### Speakers:

Russell Lawley	BGS
Jacqueline Hannam	Cranfield University
Richard Smith	Environment Agency
Colin Campbell	James Hutton Institute
Hannah Hoskins	JNCC
Clive Blacker	Map of Ag
Matthew Shephard	Natural England
Donna Lyndsay	Ordnance Survey
Simon Dadson	UKCEH
Ian Rugg	Welsh Government

### Participants:

Paul Newell-Price	ADAS
Bruce Lascelles	British Soil Science Society
Ron Corstanje	Cranfield University
Helen Taylor	Environment Agency
Damian Crilly	Environment Agency
Alison Smith	Environmental Change Institute
Samantha Broadmeadow	Forest Research
Callum Irving	Geospatial Commission
Joseph Lewis	Institution of Environmental Sciences (IES)

Helaina Black	James Hutton Institute
John Quinton	Lancaster University
Hugh Martineau	Map of Ag
Philippa Arnold	National Farmers Union
Felicity Roos	National Trust
Eleanor Reed	Natural England
Julie Holloway	Natural England
Gill Shaw	Natural England
Jo Clark	Reading University
Steve McGrath	Rothamsted Research
Stephan Haefele	Rothamsted Research
Dick Thompson	Soil Surveyor
Tim Harrod	Soil Surveyor
Jane Rickson	SSA Science Panel, Cranfield University
Jonathan Leake	SSA Science Panel, Sheffield University
Bridget Emmett	SSA Science Panel, UKCEH
Heather Bell	Rivers Trust
Lucy Butler	Rivers Trust
Jamie Upton	Royal Society
Giles Rickard	West Country Rivers Trust
Yog Watkins	West Country Rivers Trust
Arwel Williams	Welsh Government
David Robinson	UKCEH
Pippa Chapman	University of Leeds
Tom White	Holt Farms