

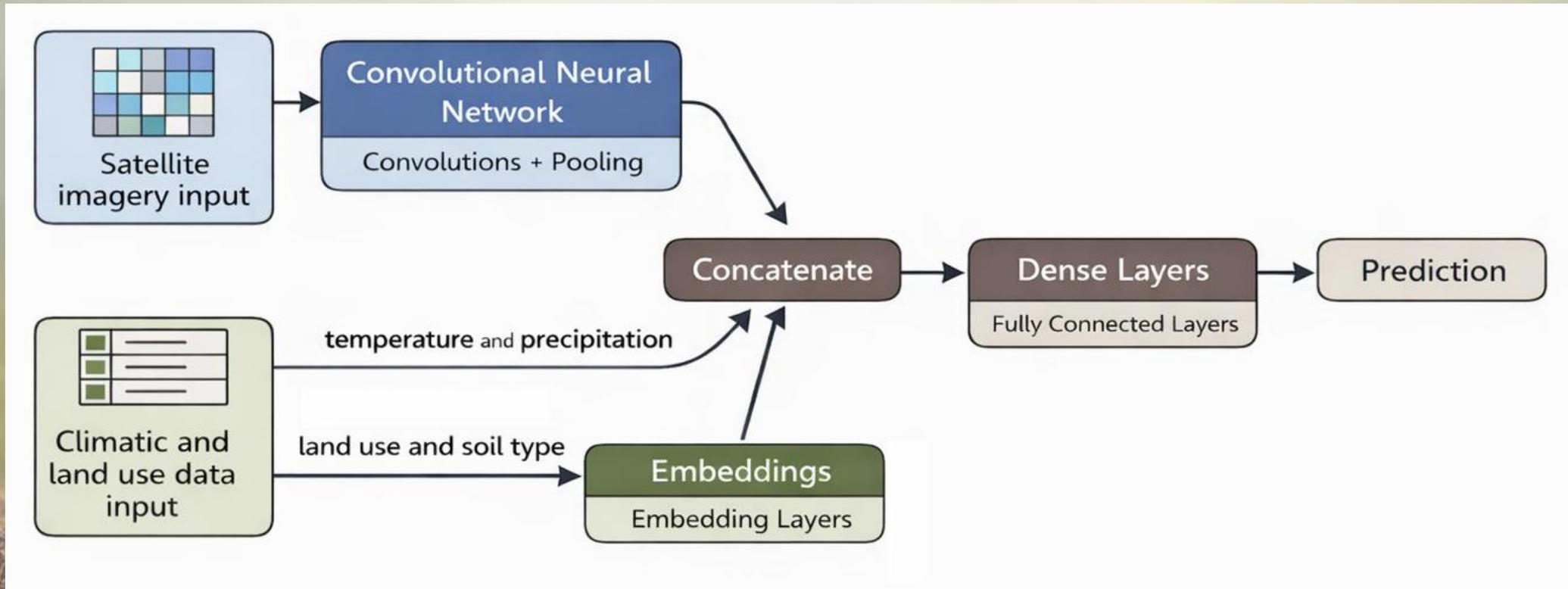


EU Soil Carbon and Plant Biodiversity Predictor Apps

Dr Colin R Tosh

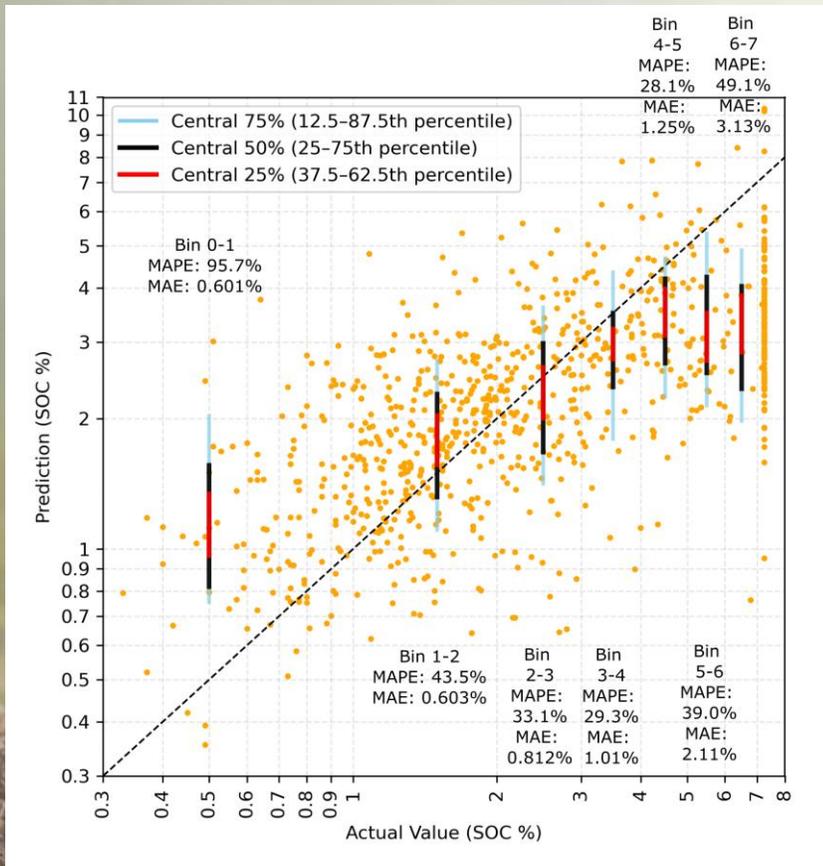
Organic Research Centre, UK

Hybrid deep neural network

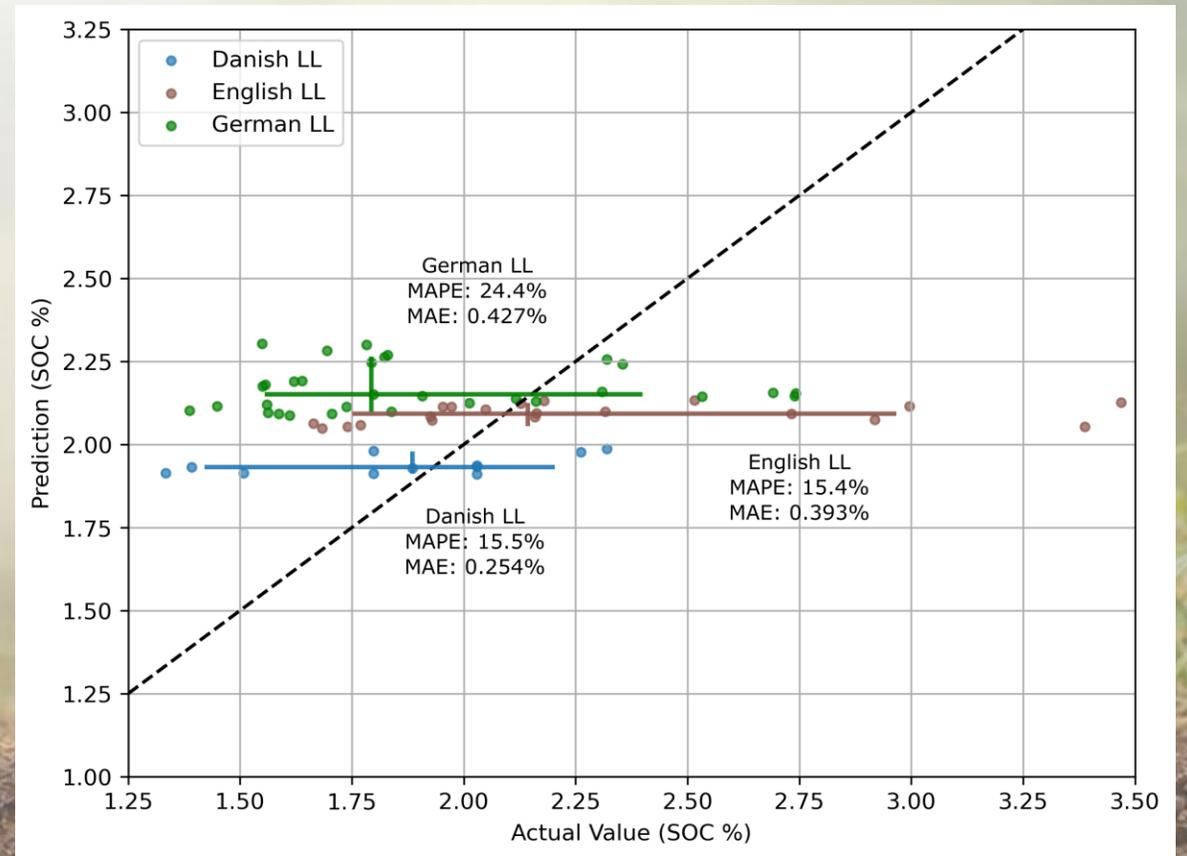


Soil carbon prediction

Cross continental (difficult)



Farm level (easier)

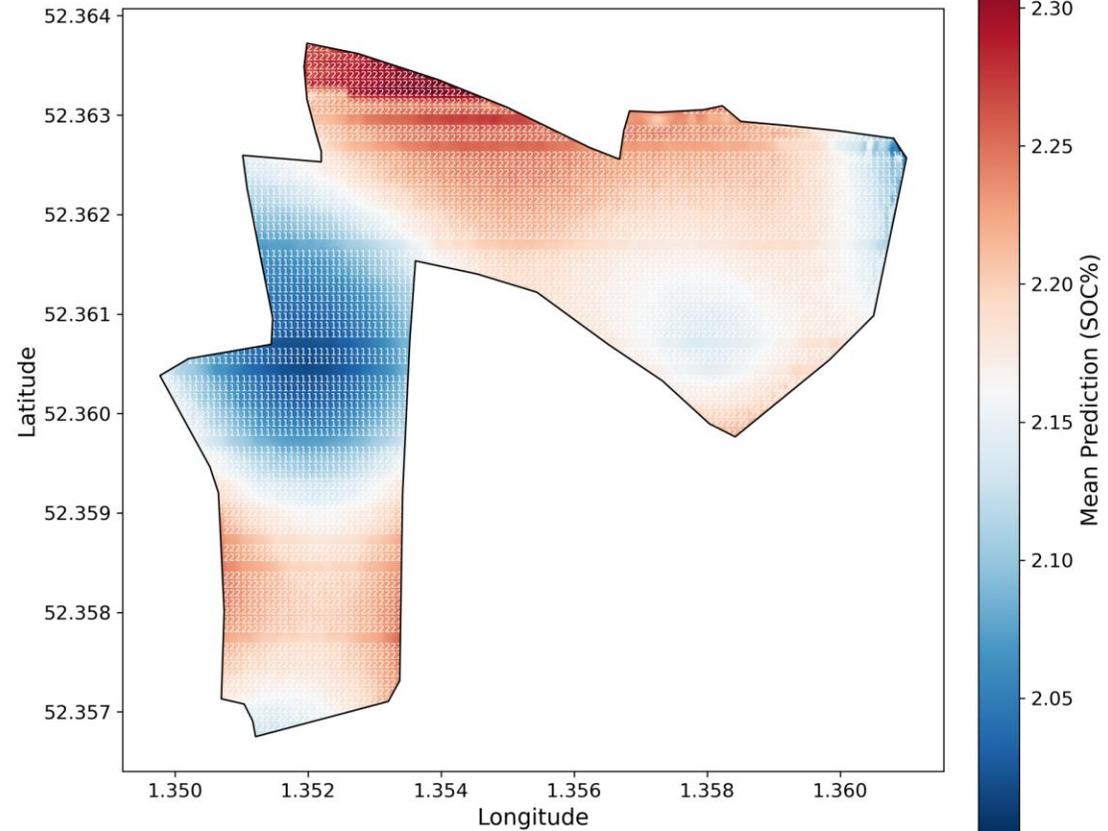


Soil carbon mapping at farm level

A

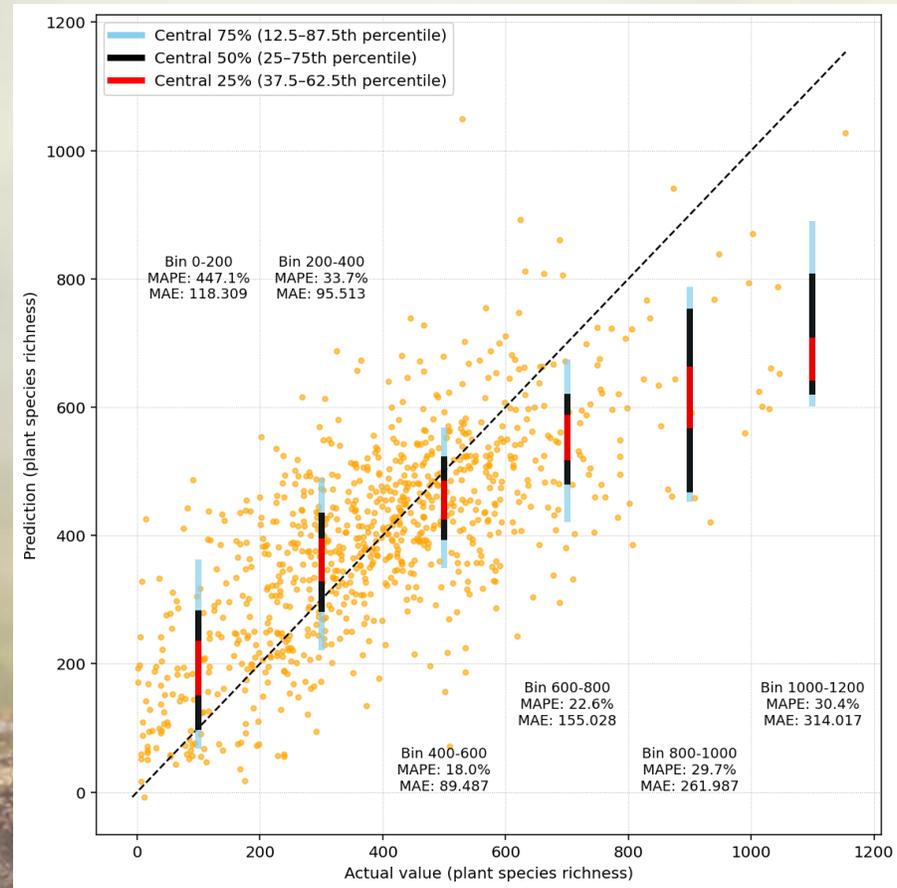


B



Plant species richness prediction

Cross continental (difficult)





The apps



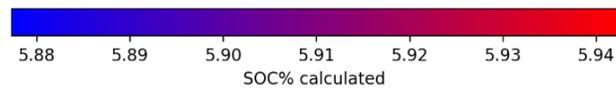
European Soil Organic Carbon Predictor

Batch processing results

Processing is still running: 14/101 completed. Refresh this page later.

	Latitude	Longitude	SOC% calculated	Message
0	55.0159	-1.8049	5.8805	The predicted SOC has a high likelihood of lying above 7.24% in ree
1	55.0159	-1.8047	5.8937	The predicted SOC has a high likelihood of lying above 7.24% in ree
2	55.0159	-1.8046	5.8959	The predicted SOC has a high likelihood of lying above 7.24% in ree
3	55.0159	-1.8044	5.9092	The predicted SOC has a high likelihood of lying above 7.24% in ree
4	55.0159	-1.8042	5.9194	The predicted SOC has a high likelihood of lying above 7.24% in ree
5	55.0159	-1.8041	5.9235	The predicted SOC has a high likelihood of lying above 7.24% in ree
6	55.0159	-1.8039	5.9302	The predicted SOC has a high likelihood of lying above 7.24% in ree
7	55.0159	-1.8038	5.935	The predicted SOC has a high likelihood of lying above 7.24% in ree
8	55.0159	-1.8036	5.9376	The predicted SOC has a high likelihood of lying above 7.24% in ree
9	55.0159	-1.8035	5.9422	The predicted SOC has a high likelihood of lying above 7.24% in ree

Map (semi-transparent points coloured by SOC%)



Return to main app:

[Back to main screen](#)





The future: more data, more compute