



BEHAVIOURAL, ECOLOGICAL AND SOCIO-ECONOMIC TOOLS FOR MODELLING AGRICULTURAL POLICY

MISSION & VISION

BESTMAP IS WORKING ON

The European Common Agricultural Policy (CAP) supports the livelihood of 11 million farmers while maintaining environmental standards and good agricultural practices over half of the European Union (EU) land. However, pressures including land use intensification, abandonment and climate change remain a challenge to the current CAP and its implementation.



CASE STUDIES



- Developing a behavioural theoretical modelling framework to take into account the complexity of farmers' decision-making.
- Developing, adapting and customising a suite of open-source, flexible, interoperable and customisable computer models linked to existing data e.g. LPIS/ IACS and remote sensing e.g. Sentinel-2.
- Linking economic, individual-farm agent-based, biophysical ecosystem services and biodiversity and geostatistical socio-economic models.
- Producing a simple-to-use dashboard to compare scenarios of Agri-Environmental Schemes adoption.
- Improving the effectiveness of future EU rural policy design, monitoring and implementation.

	Humber (UK)	Mulde (DE)	South Moravia (CZ)	Bačka (RS)	Catalonia (ES)
Area (km²)	4 664	5 814	2 089	8 218	32 106
Precipitation (mm)	626	828	657	613	575
Temperature (°C)	9.6	6.9	8.5	16	13.9
Field size (ha)	2.5	6.3	6.1	5.4	0.7
Farm size (ha)	90	157	96	10.6	19
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