



BESTMAP Newsletter, October 2022

**Together with the Autumn season come all of
BESTMAP's recent achievements!**
*Let's take a look together, at some of the most
prominent BESTMAP highlights!*

**BESTMAP Summer School and General Assembly:
Modelling policy impacts on ecosystem services and
biodiversity**



While actively working towards transforming the future design and monitoring of EU rural policies, BESTMAP is very happy to say that our first Summer School on modelling policy impacts on ecosystem services and biodiversity was a huge success! It aimed to draw upon developed methods and experiences from the project, operating in five case studies across Europe.

The event took place in Olomouc, Czech Republic, between September 12-16, 2022 and was jointly organised by [Palacky University Olomouc](#), [University of Leeds](#), [Helmholtz Centre for Environmental Research - UFZ](#), [Dresden University of Technology](#) and other partners involved in the European project BESTMAP.

Along with the summer school activities, the BESTMAP consortium went over the project's current achievements, challenges and future updates during a 2-day General Assembly.

[Read the whole story](#)

BESTMAP at ECCB 2022 Conference



During the [6th European Congress of Conservation Biology](#) (ECCB), titled "Biodiversity crisis in a changing world", the project was presented with an insightful and informative session on the impact of regional context on the effectiveness of Agri-Environment Measures (AEM) in protecting the habitat of farmland birds.

The event took place between 22 and 26 September in Prague, Czech Republic. Amongst the leading experts who attended the symposium were the BESTMAP partners, Stephanie Roilo, Anna Cord of the [Dresden University of Technology](#) and James Bullock from the [UK Centre for Ecology and Hydrology](#).

[Read the whole story](#)

BESTMAP at the SSC2022 Conference



BESTMAP is beyond happy to announce that the project attended at the [17th annual Social Simulation Conference](#) (SSC2022), which was held at the University of Milan in Italy between 12 and 16 September 2022.

One of the main objectives of the conference, organised by the European Social Simulation Association (ESSA), is to advance computational social science both within and outside of Europe.

[Read the whole story](#)

BESTMAP at the IALE 2022 Congress



In the course of the [IALE 2022 European Landscape Ecology Congress](#), BESTMAP was represented with two presentations. In a session on "Finding future pathways for sustainable agricultural landscapes in Europe: concepts and empirical evidence in different European contexts", Tomas Vaclavik of Palacky University, Olomouc, CZ, presented BESTMAP's results on the derivation of Farming System Archetypes for modelling impacts of agricultural policies. In the same session, Meike Will of Helmholtz Centre for Environmental Research UFZ, Leipzig, DE, gave a talk on the BESTMAP Agent-Based Models (ABM) where she highlighted how farmer decision-making on agri-environmental schemes can be included in agent-based models to evaluate policy designs.

[Read the whole story](#)

The AGRIMODELS Cluster gets together for the EAAE Seminar

EAAE Seminar



Greenhouse gas emissions in the EU
agriculture and food sector - potential
and limits of climate mitigation
policies and pricing instruments

📅 5 - 7 October 2022

📍 Berlin, Germany

Between 5 and 7 October 2022, the [European Association of Agricultural Economists](#) (EAAE), together with MIND STEP partner, [Thünen Institute](#), as well as the [Potsdam Institute for Climate Impact Research](#) and [Humboldt University](#), jointly organised a seminar titled Greenhouse gas emissions in the EU agriculture and food sector - potential and limits of climate mitigation policies and pricing instruments. The event took place in Berlin, Germany where representatives from the three AGRIMODELS Cluster projects were present.

During the seminar, BESTMAP's partner, Dr. Manolis Tyllianakis of [University of Leeds](#), led the presentation "BESTMAP - Discrete Choice Analysis of farmers WTA for adoption agri-environmental schemes in three countries." The main focus of the talk was placed on delving into the drivers behind adoption of four different agri-environmental contracts, including contract characteristics such as contract length, provisioning of support and bureaucratic burden level, as well as information of past experiences with AES and farm and socio-demographic characteristics.

[More info here](#)

Co-design sessions



[Read the whole story](#)

Between March and April 2022, our five case studies (the UK, Germany, Spain, the Czech Republic and Serbia) conducted co-design workshops with regional and national stakeholders. The goal of these talks was to discuss how our modeling results can best support policy decisions and how the interactive dashboard we're working on can help us use our findings.

News from The AGRIMODELS Cluster



Highlights from the AGRICORE project

Two new publications by the team of the Aristotle University of Thessaloniki are now available.

Assessing the Role of the Young Farmer Scheme in the Export Orientation of Greek Agriculture

An Impact Assessment of the Young Farmers Scheme Policy on Regional Growth in Greece

The data characterisation process was finalised, and the main outcomes can be found at the open access platform of [Zenodo](#).

AGRICORE are recent events

- [VIII Congress of Agri-food Cooperatives of Spain](#)”;
- [XXVI Workshop of Agricultural Economists](#) in Poland;
- The [workshop](#) between AGRICORE and AGRISCOPE in Switzerland;
- [The XXV Conference of Industry 4.0 versus Management and Manufacturing Engineering](#)” in Poland.

Other results from AGRICORE

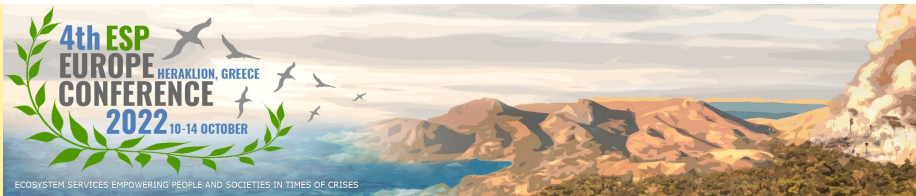
The summary and conclusions of all AGRICORE deliverables have been translated into Spanish, Greek, Polish and German for a better engagement with non-native English speakers.

Find more about AGRICORE's latest achievements on their August Newsletter and visit the AGRICORE website!

[AGRICORE's Newsletter](#)

[AGRICORE's Website](#)

Coming up next



We are very happy to announce that BESTMAP is participating in [4th Ecosystem Services Partnership \(ESP\) Europe Conference](#) in Heraklion, Greece, between 10-14 October, 2022. Ecosystem service science and practice need to actively work with and within individuals and communities who depend on nature for their well-being and often lose the most during emerging crises.

Against this background, [Dr. Arjan Gosal](#), a BESTMAP researcher based at the [University of Leeds](#), will participate in the ESP on behalf of the project, with a dedicated session titled "Accuracy of modelled changes in freshwater provision over time". This presentation will discuss the findings from a recent BESTMAP [study](#), on the accuracy of modelled absolute and percentage change in water yield in England.

[More info here](#)

Publications

Bartkowski, Bartosz, Charlotte Schüssler, and Birgit Müller. "Typologies of European farmers: approaches, methods and research gaps." *Regional Environmental Change* 22, no. 2 (2022): 1-13. <https://doi.org/10.1007/s10113-022-01899-y>

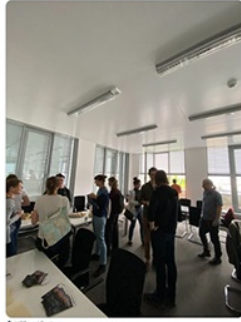
Gosal, Arjan S., Paul M. Evans, James M. Bullock, John Redhead, Matthew B. Charlton, Anna F. Cord, Andrew Johnson, and Guy Ziv. "Understanding the accuracy of modelled changes in freshwater provision over time." *Science of the Total Environment* 833 (2022): 155042. <https://doi.org/10.1016/j.scitotenv.2022.155042>

Jungandreas, Anne, Stephanie Roilo, Michael Strauch, Tomáš Václavík, Martin Volk, and Anna F. Cord. "Response of endangered bird species to land-use changes in an agricultural landscape in Germany." *Regional Environmental Change* 22, no. 1 (2022): 1-14. <https://doi.org/10.1007/s10113-022-01899-y>

Let's reach more people together

You can follow us on [Twitter](#), [Facebook](#) and [LinkedIn](#) for the latest news of the project and live updates from the events that we are attending. And don't forget to use **@Bestmap_EU** when you're tweeting about us so we can see and retweet.

BESTMAP @Bestmap_EU
 We are already half way through the BESTMAP #SummerSchool_2022! On Day 3 we learn about #biodiversity #species distribution modelling and #water quality modelling! Of course, we also have interactive sessions and lots of networking opportunities!



UFZ and 7 others

BESTMAP @Bestmap_EU · Sep 15
 Replying to @Bestmap_EU
 We are currently in Sardice, where we learn about the Marada family's #ecofarm, which sets and impeccable example for successfully implementing #agro #environmental #climate measures to foster #ecosystemservices & climate #adaptation!



Pensoft and 7 others

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BESTMAP @Bestmap_EU · Sep 15
 Replying to @Bestmap_EU
 We also got the opportunity to visit the Marada #farmland, which is located in the South Moravian region!

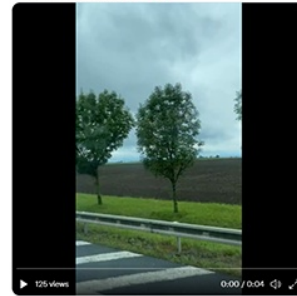
Add another Tweet

Learning about the BESTMAP case studies, methods and results is all great, but what is even better is to actually experience the work that is being done. This is why day 4 of our #SummerSchool_2022 is devoted to a field trip to the Czech case study area!



UFZ and 9 others

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