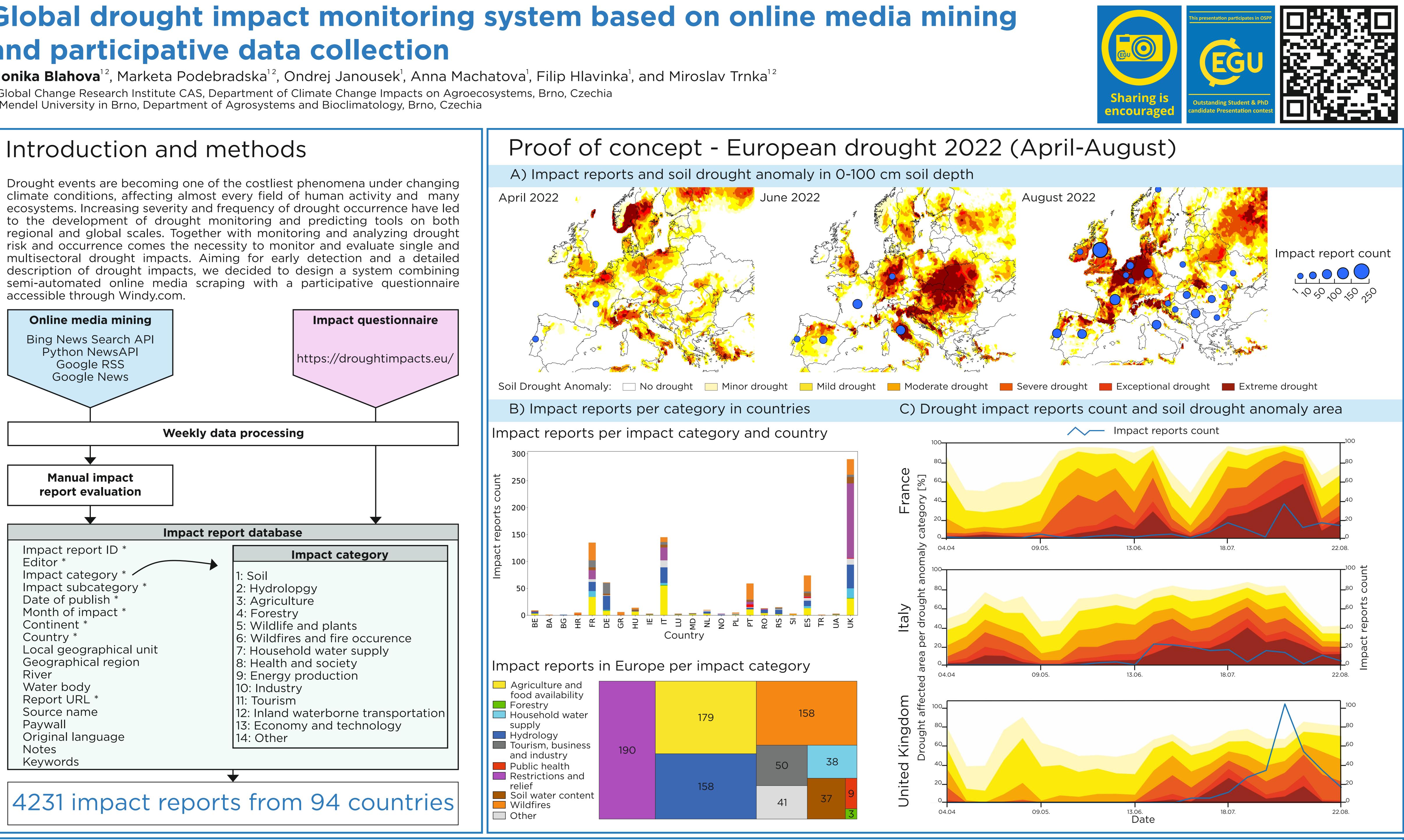
Global drought impact monitoring system based on online media mining and participative data collection

Monika Blahova¹², Marketa Podebradska¹², Ondrej Janousek¹, Anna Machatova¹, Filip Hlavinka¹, and Miroslav Trnka¹² 1 Global Change Research Institute CAS, Department of Climate Change Impacts on Agroecosystems, Brno, Czechia 2 Mendel University in Brno, Department of Agrosystems and Bioclimatology, Brno, Czechia

accessible through Windy.com.



Conclusions

After one year of continuous method development, testing, and data collection, we proved the presented drought impact monitoring tool that can capture reported drought impacts, matching drought occurrence patterns according to global monitoring systems. We also identified challenges the automated searching approach brings and fine-tuned some initial issues. Besides the automated searching part, we understand that to deliver comprehensive global drought impact monitoring, the next direction of this work must address the inclusion of languages other than English into the search process and automated language processing algorithms to reduce manual data processing costs.

Monika Blahova blahova.m@czechglobe.cz www.czechglobe.cz/en









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