



## CAB ABSTRACTS **HOT TOPIC:**

# Climate change impacts in Central Europe

Anthropogenic climate change is fuelling extreme climatic events and natural disasters with increasing frequency, but longer-term climate changes are causing fluctuations in normal seasonal cycles and triggering periods of drought, heavy rainfall and unseasonably warm winters across the world. These changes have the potential to severely impact agriculture, and have already affected areas of Central Europe.

**CAB Abstracts** provides a central collection of research relating to climate change and its impacts in Central Europe. The database is updated weekly to ensure that up-to-date information is available, and brings together the work of scientists, researchers and specialists to inform future research and agricultural management strategies.

### CABI's CAB Abstracts database comprehensively covers hot topics that matter

CAB Abstracts sources the world literature to provide the complete picture on anthropogenic climate change, including information on its immediate and long-term effects on global agriculture:

- Climate change in agriculture:** general research into the effects of climate change on global agriculture.  
*Agriculture scenario with changing climate: impacts, adaptation and mitigation strategies.*  
*Indian Journal of Ecology, 2018*  
*Impact of climate change on crops adaptation and strategies to tackle its outcome: a review.*  
*Plants, 2019*
- Agricultural management strategies:** research into agricultural strategies to mitigate the effects of climate change, including management regimes and breeding for crop resilience.  
*Climate change adaptation policy in rural development strategy for Poland.*  
*Proceedings 17th International Scientific Conference "Engineering for Rural Development", 2018*  
*Cold de-acclimation tolerance among Polish accessions of common wheat and triticale.*  
*Procedia Environmental Sciences, 2015*
- Warm winters in central Europe:** specific research into the impact of climate change-driven warm winters on agriculture in central Europe.  
*Projecting the impact of climate change on phenology of winter wheat in northern Lithuania.*  
*International Journal of Biometeorology, 2017*  
*De-acclimation may be crucial for winter survival of cereals under warming climate.*  
*Plant Science, 2017*
- The future of agriculture:** forecasting the future of climate change and the ways in which agriculture will have to adapt.  
*Modelling the sensitivity of agricultural systems to climate change and extreme climatic events.*  
*Agricultural Systems, 2016*  
*Potential effect of future climate changes on productivity of selected crops in Poland.*  
*Annals of Warsaw University of Life Sciences - SGGW. Land Reclamation, 2016*

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– Alison Avenell, Helen G Handoll and Adrian M Grant, American Journal of Clinical Nutrition

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