

# **Climate change impact on sunflower in the Balkan peninsula**

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The impact of expected climate change on sunflower in the region of the Balkan Peninsula was assessed. The ROIMPEL crop growth model was applied to assess vulnerability of the sunflower crop at the above selected European region under various climate change scenarios. HadCM3 downscaled climate change scenarios were used assuming several emission scenarios. Soil, crop and agrotechnological data were collected from different sources.