

MAPPY – Multisectoral analysis of climate and land use change impacts on pollinators, plant diversity and crops yields

Publications

Impact of bias correction on climate change signals over central Europe and the Iberian Peninsula; Ugolotti, A., Anders, T., Lanssens, B., Hickler, T., François, L., Tölle M. H., *Front. Environ. Sci.*, 11, Jul. 2023.

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Using machine learning for crop yield prediction in the past or the future; Alejandro Morales and Francisco J. Villalobos, *Frontiers in Plan Science*, Mar. 2023.

Modelling the impacts of cover crop management strategies on the water use, carbon exchange and yield of olive orchards; López-Bernal, Á., García-Tejera, O., Testi, L. and Villalobos, F.J., *Journal of Forestry Research*, 34(1), Feb. 2023.

The importance of biotic interactions in distribution models depends on the type of ecological relations, spatial scale and range; Moens, M., Biesmeijer, J., Huang, E., Vereecken, N., and Marshall, L., *Authorea Preprints*, Nov. 2022.

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Sensitivity of convection-permitting regional climate simulations to changes in land cover input data: role of land surface characteristics for temperature and climate extremes; Merja H. Tölle and Evgenii Churiulin, *Front. in Earth Sci.*, Oct. 2021.

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François, L., Ronsmans, M., Lanssens, B., Verma, A., Smet, S., Dendoncker, N., Moens, M., Biesmeijer, K., Runhaar, H., Tölle, M., Ugolotti, A., Anders, T., Hickler, T., Müller, C., Minoli, S., Testi, L., Garcia, O., Villalobos, F., Mayer, A., Egger, C.: The MAPPY study: a multi-sectoral analysis. Sixth European Climate Change Adaptation Conference 2023, Dublin, Ireland, 19-21 June 2023.

Villalobos, F.J., Villalobos, J., Testi, L., García-Tejera, O.: rFrio: an app for evaluating winter chilling for fruit trees in Southern Spain. Sixth European Climate Change Adaptation Conference 2023, Dublin, Ireland, 19-21 June 2023.

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