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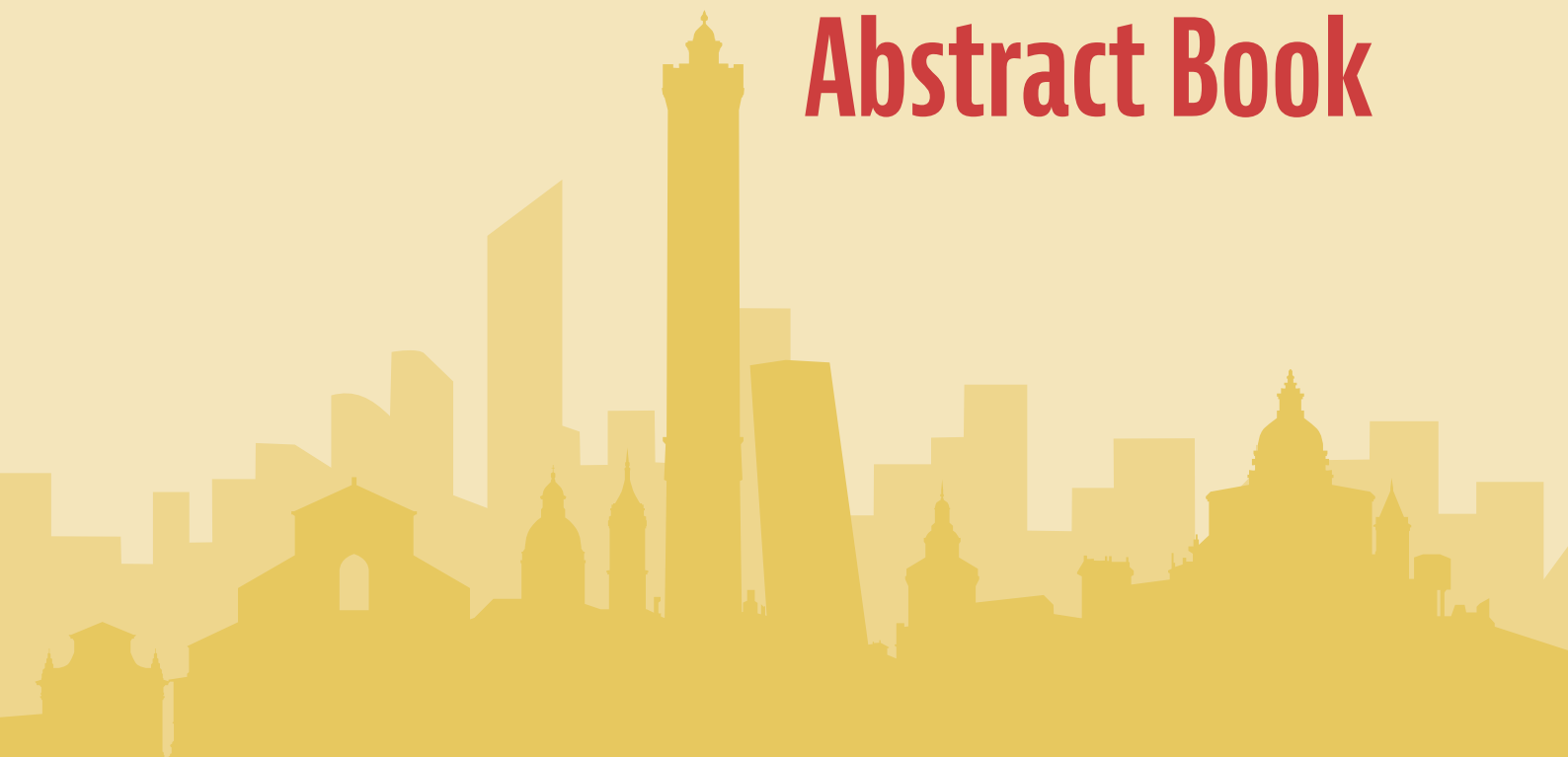
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Like foraging bees

We seek novelty, we need cooperation
and we profit from diversity

Abstract Book



BEEKEEPING IN THE CONTEXT OF AGROFORESTRY AND APOIDEA IN THE NEW OPEN SPACES AFTER VAIA STORM: THE LIFE VAIA PROJECT

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Abstract

The Life VAIA project (Enhance the reforestation of damaged forests with Innovative Agroforestry), funded under the LIFE Programme 2014-2020 of the European Community, planned to apply innovative intervention techniques for the recovery of forests, after Vaia storm (October-November 2018) and other extreme events, with the purpose of promoting the adaptation of forest vegetation to climate change. Agroforestry is the highly innovative element of the project as a solution to deal, in the short and long term, with the damage caused by extreme weather events. This strategy allows investing in the production of organic products with minimal impact, increasing biodiversity and the sustainable use of resources. The destruction of many forest areas has left room for a new flora, which for some decades, until natural and guided reforestation, will be able to support both a growing community of pollinators and a more profitable beekeeping activity than a forest environment is able to do. In the Italian pilot sites, sedentary apiaries have been established and managed according to the Biodiversity Friend Beekeeping certification protocol to verify the quantity and quality of beekeeping production. It is from these experimental apiaries that the "Regeneration honey" was obtained. Regarding anthophilous Apoidea, from 2022 to 2024, a network of monitoring pan trap transects was set up in the Italian pilot sites (Altopiano di Piné in Trentino and Altopiano dei Sette Comuni and Altopiano del Cansiglio in Veneto) to study the population of these insects. The samples of anthophilous Apoidea sampled in all the pilot sites are being studied but what is emerging is a complex fauna that is very different between the sites. The sedentary beekeeping activity and the analysis of productivity and products will continue for the entire duration of the project and then be transferred to local beekeepers.