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Big Data and Pollinator Health

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closed (5 December 2020)

Message from the Guest Editors

Dear Colleagues,

Landscape and weather data are critical for assessing habitat and productivity of pollinators, longitudinal studies help to identify the causes of success and decline, and genomic data can be used to clarify the biologies of pollinators and their associates. This issue will focus on methodologies and interpretations of big and integrative data, from planning to data collection and informatics. We look forward to large-scale landscape, geography, and weather data; systems biology datasets from controlled experiments; as well as large surveys and meta-analyses. Various strategies, including "-omics", gene annotation, epidemiology, and complex modelling are encouraged, even when the answers involve negative results. We also seek reviews of current and past methodologies and datasets that improve our understanding of pollinator health. We expect all presented datasets will be freely accessible for future analyses and interpretation.



