

## Jozef J.M. van der Steen

After 40 years in beekeeping research, I started my own company *Alveus AB Consultancy*. My expertise is in the field where environment and honeybees, bumblebees, and wild bees converge. With the ICPPR Bee Protection group, we made the first- and higher-tier toxicity OECD guidelines for testing the acute impact of pesticides on bumblebees. Science is a public task, and involving the public in science is of major importance. The beekeepers' citizen science is a very strong, most-needed tool to collect study data and to strengthen the interaction of beekeeping and science. My current professional activities are:

- I. The coordination of the EU-funded INSIGNIA-EU study (2021 – 2024). A pan-European citizen science study with beekeepers to monitor the environment with honey bee colonies for pesticides, microplastics, heavy metals, and air pollutants.
- II. Member of the board of the Eva Crane Trust.
- III. Member of the expert board of the EU-funded study: ETAIN about the possible biological effects of wireless technologies.
- IV. Leading the citizen science study in the EU-funded BetterB study on bee-plants' flowering periods and flower visits (food-source-sharing) by honey bees, solitary bees, bumblebees, hoverflies, and other insects in a pan-European study set-up.