Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

PoshBee

Horizon 2020 Programme

PhD studentship: Bee health – integrating field data into landscape-level risk assessment models

We are seeking applicants with Bachelors/Masters degree (2.1 or higher) in biology, ecology, environmental sciences, or similar. Applicants must have excellent data collection and data handling skills; be proficient communicators and able to work in a team; be prepared to travel and spend long periods in the field in Ireland, and in Italy; have a full clean drivers licence (valid in Republic of Ireland); and preferably have field experience and proficiency in using GIS. Italian language skills may also be useful.

A studentship of €24,000 per annum will be available, which includes a student stipend of €18,000 plus €6,000 towards the annual cost of postgraduate fees, for 4 years from 1st September 2018.

To apply: please send letter of application, outlining suitability for the post, and a CV, to Jane Stout stoutj@tcd.ie before 13th June 2018.

Project description:

Pollinators face multiple threats including agrochemicals, pathogens, habitat loss and climate change (Potts et al. 2016). A major new project PoshBee (Pan-European Assessment, Monitoring and Mitigation of Stressors on the Health of Bees) aims to understand the impacts of these multiple pressures on a range of bee species and develop novel tools to help reduce risks and negative impacts. Our findings will help to ensure that pesticides can be used safely while protecting wildlife, health and the environment, both in Ireland and internationally.

This project will collect field data on bee health in Ireland, and collate landscape data from both Ireland and Italy to feed into models for risk assessment of bee health. The successful candidate will join the dynamic and interdisciplinary PoshBee team. He/She will be primarily supervised by Prof Jane Stout at Trinity College Dublin, and co-supervised by Chris Topping (Aarhus University, Denmark) and Cecilia Costa (Council for Agricultural Research and Agricultural Economy Analysis, CREA, Italy).