

Q&A log from 27 February 2026

Occurrence cubes and biological invasions

A genuine question: would you guys make a protocol or any kind of step-by-step guidelines that can be followed or replicated?

- Yes. The exemplar workflow is available here for you to follow:
https://github.com/mtrekels/b3alien_training

Can you do sub-national analyses?

- Yes, though if you use too small an area, you might get edge effects, because this is based on a grid.

How do you quantify establishment? How did you decide when a species become established along the curve? And I noticed the survey effort goes up with the rate of increase. Does this mean there is no compensation for survey effort in the rate of increase graph? I may have misinterpreted this.

- Good question! That's really up to the person who runs it. There are various ways you could do it, depending on the number of occupied cells, the number of observations, etc. That said, this workflow is intended to be rapid and repeatable. There is a compromise on reliability of knowing the degree of establishment, with the advantage of being able to run the workflow rapidly, whenever you want and as often as you want. This allows you to experiment with the parameterisation for the area and species you are interested in.

Will all the trainings be recorded and uploaded online so that we can review them from time to time?

- Yes. They will be made available online.

Can we use it in visual studio?

- Yes, you can.

The tutorial shows how to make a local grid and occurrence based on local data (for a research group)?

- It's possible.

Would it be possible to make the presentation occupy the whole screen?

- We've tested this in advance, and it was not possible to get rid of the black bars on top and bottom. Do you have issues seeing the slides?
- To make the presenter's image smaller? anyway it got better for me now ;)
- Thanks for the feedback!

Will the presentations be recorded and made available for later review?

- Yes, it is being recorded and will be made available through B-Cubed's YouTube channel: <https://www.youtube.com/@B-CubedProject>

I can't believe this course is free and available for everyone. Thank you to each and every person involved in making this project possible! Very insightful!

- Thank you for the feedback!