Simon’s website content

Prioritise for: researcher, outreach and education, data

Bio: The past three years I have been a PhD student at the University of Sheffield.

Prior to that

Before heading to Falmouth I spent a year volunteering with the local Cambridge wildlife trust

What have I gained from my PhD – my Skillset

Overall

* Well rounded
* A specialist, but also a generalist
* Independent worker

Research Skills

* Academic writing
* Reading academic literature, evidence based
* Developing research ideas
* Communication ideas at conferences
  + BES 2016 2017,20182019, ESA 2018, BES macro 2019, BES quantitative ecology
* Workshops
  + Be better than boring bullet points
  + Media training

Data analysis and Research software development

* Workflows, pipelines
* Modelling and simulations
  + Population models, IPMs and MPMs
  + Analyses, calculating life history traits such as
* Analytical methods
  + Principle component analyses
  + Partial least squares regression
  + Generalised linear mixed and generalised additive models
* Workshops attended:
  + Health demography 2017
  + IPM course 2016

Web application development

* COMPADRE database prototype
* Inaturalist live
* Describe wild

Teaching and outreach

* Demonstrating
* BES summer school
* Biomathematics Green man festival

Film

* Wildflowers
* Field course Tenerife
* Life in a Jar

Undergraduate Degree: BSc Conservation Biology and Ecology (First Class)

* Dissertation using COMPADRE plant matrix database
* Summer paid internship
* Plant rep and Minibus driver on the EcoSoc committee. I ran plant identification workshops including popular ‘create an ecosystem in a jar’ workshops.
* Field courses to Iceland and Tenerife
* Ecological modelling in R and Matlab
* Spatial analyses in ArcGS and R
* Show full list of modules
* Expedition to Malaysia

Volunteering

* Sheffield and Rotherham Wildlife Trust Land Team and Sheffield Lakeland Partnership
* Falmouth Aquarium
* Cardigan Bay Marine Wildlife Centre
* Cambridge Wildlife trust, office based volunteering
* Cambridge wildlife trust