



My name is Eleni Matechou and my PhD is a joint project between the University of Kent in Canterbury and the Max Planck Institute for Demographic Research in Rostock.

- During my PhD I have been developing models for analysing capture-mark-recapture data of wildlife populations. I mainly focus on models that extract age-specific estimates of the parameters from datasets that provide little, or even no information, on the age of the individuals in the sample. This work is in collaboration with Shirley Pledger from Wellington University in New Zealand and together we have applied the models to a dataset of Australian possums in New Zealand.
- Recently I have been extending these models to account for resighting data on semipalmated sandpipers in order to improve estimates of population size as well as stopover duration of the birds at the site. The birds can either be caught and marked or be counted as unmarked and I am interested in combining these two processes appropriately.

