

## Information about “Ecoinformatic approaches to understand ecological processes in a changing world” summer school

### Course schedule

|              | Monday (16 <sup>th</sup> ) | Tuesday (17 <sup>th</sup> ) | Wednesday (18 <sup>th</sup> ) | Thursday (19 <sup>th</sup> )         | Friday (20 <sup>th</sup> )           |
|--------------|----------------------------|-----------------------------|-------------------------------|--------------------------------------|--------------------------------------|
| 9-10:45 am   | Introductions              | Dispersal (Lecture)         | Population change (Lecture)   | Population change (paper discussion) | Student presentations and discussion |
| 11am-12:30pm | Data in R (Lecture)        | Dispersal (Lecture)         | Population change (Lecture)   | Population change (paper discussion) | Student presentations and discussion |
| 1:30-3pm     | Data in R (Practical)      | Dispersal (Practical)       | Population change (Practical) | Phylogenetic analysis (Lecture)      | Student presentations and discussion |
| 3:15-5pm     | Data in R (Practical)      | Dispersal (Practical)       | Population change (Practical) | Phylogenetic analysis (Practical)    |                                      |

### Things to prepare:

Readings: Please review the recommended readings, on Monday you can make groups and sign up to present population change papers for paper discussions.

Presentations for Friday: The aim is for you each to give 10min presentations of your questions/hypotheses and methodological approach and then we will have a 10 minute discussion of your work. Please keep to 10 minutes so that we finish on time. Please focus on hypotheses/research questions and methods as this is the focus of the summer school.

### Location

The course will take place in building 1540 room 324 Aarhus University.