

Appendix 2

This representation of the foraging range of a Great Black-backed Gull breeding in Langli (colony ID874) has been prepared to enlighten how resource variables were extracted for one colony and species, representing the increasing travel costs of gulls associated with foraging at more remote locations. In this case, the maximum foraging range was set as 60 km around the colony, and the interval between rings was 5 km. The extension or quantity of each resource variable was calculated for each ring, and the value of each ring was weighted depending on the distance to the colony. Finally, the values for all the weighted rings were summed in order to get a total value for the colony. This same process was followed to calculate the availability of each resource variable in every colony.

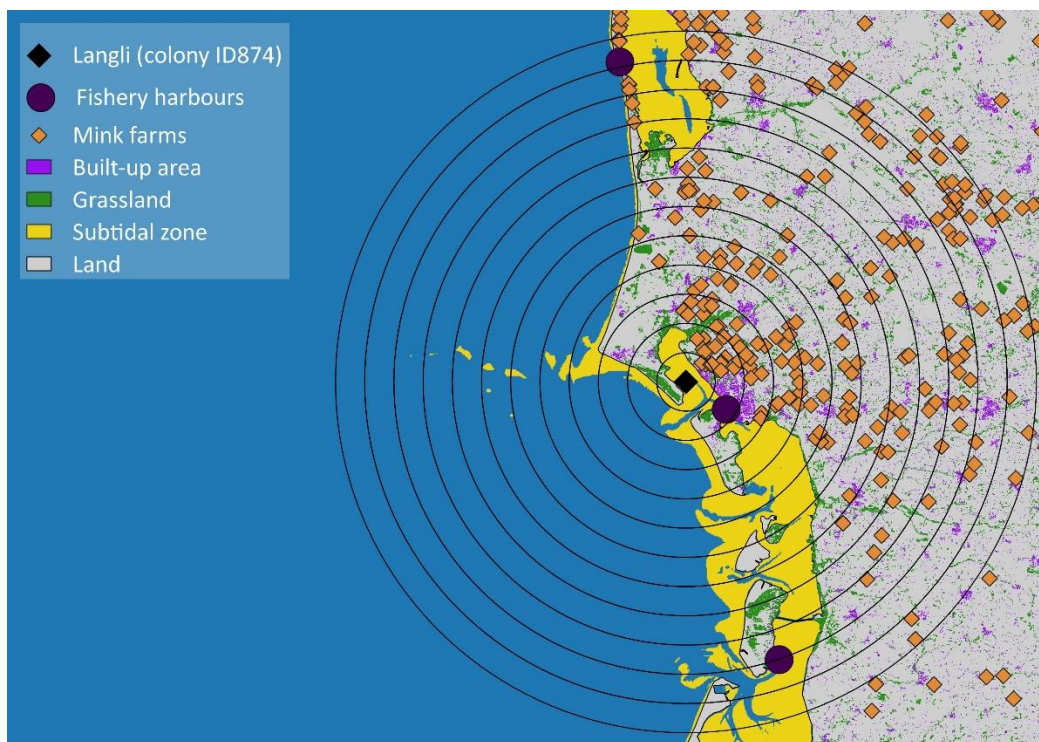


Fig. A2.1. Representation of the different resources available for a single colony of Great Black-backed Gull in the coast of Jutland, Denmark.