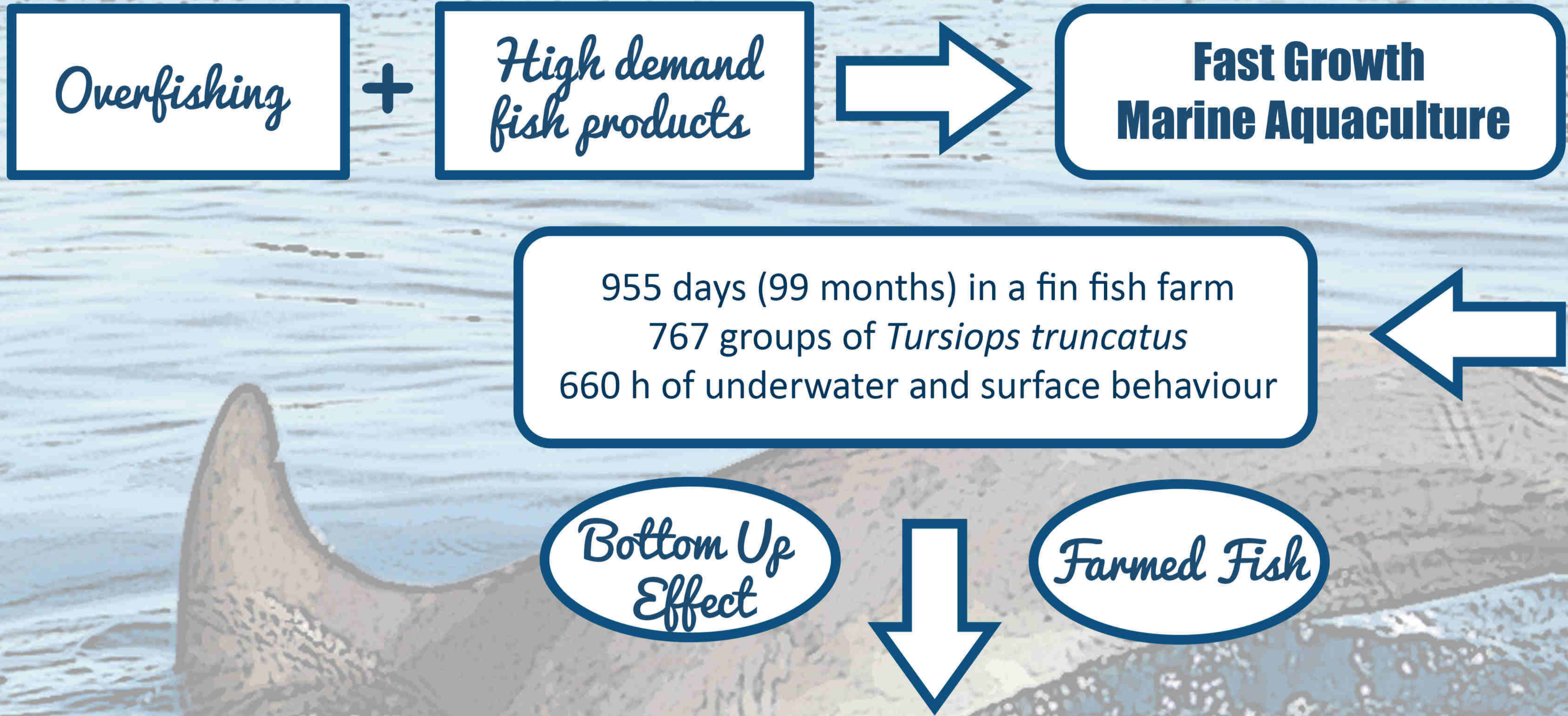


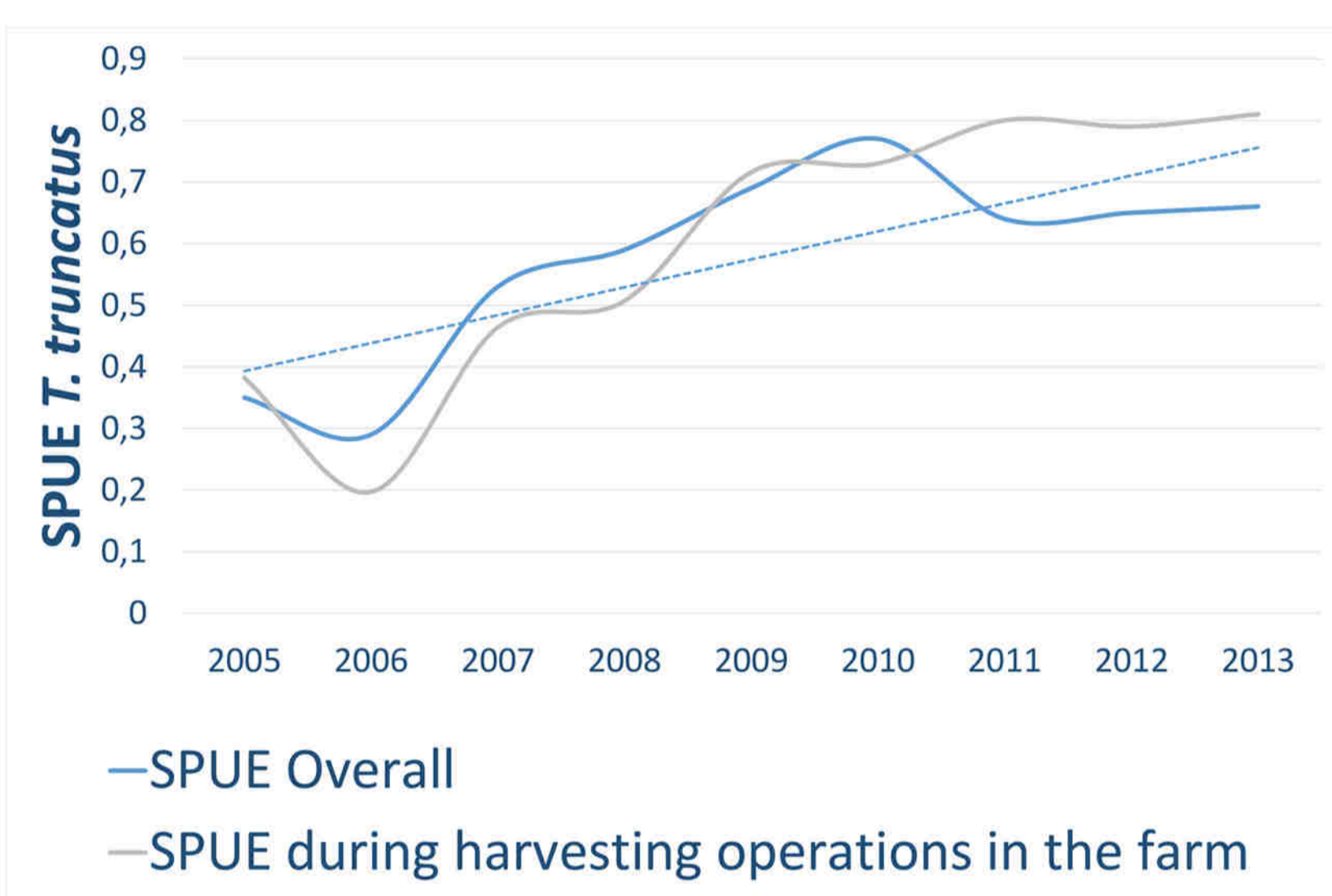
UNRAVELING THE IMPACT OF MARINE AQUACULTURE ON BOTTLENOSE DOLPHINS' FEEDING BEHAVIOUR

Bruno Diaz Lopez

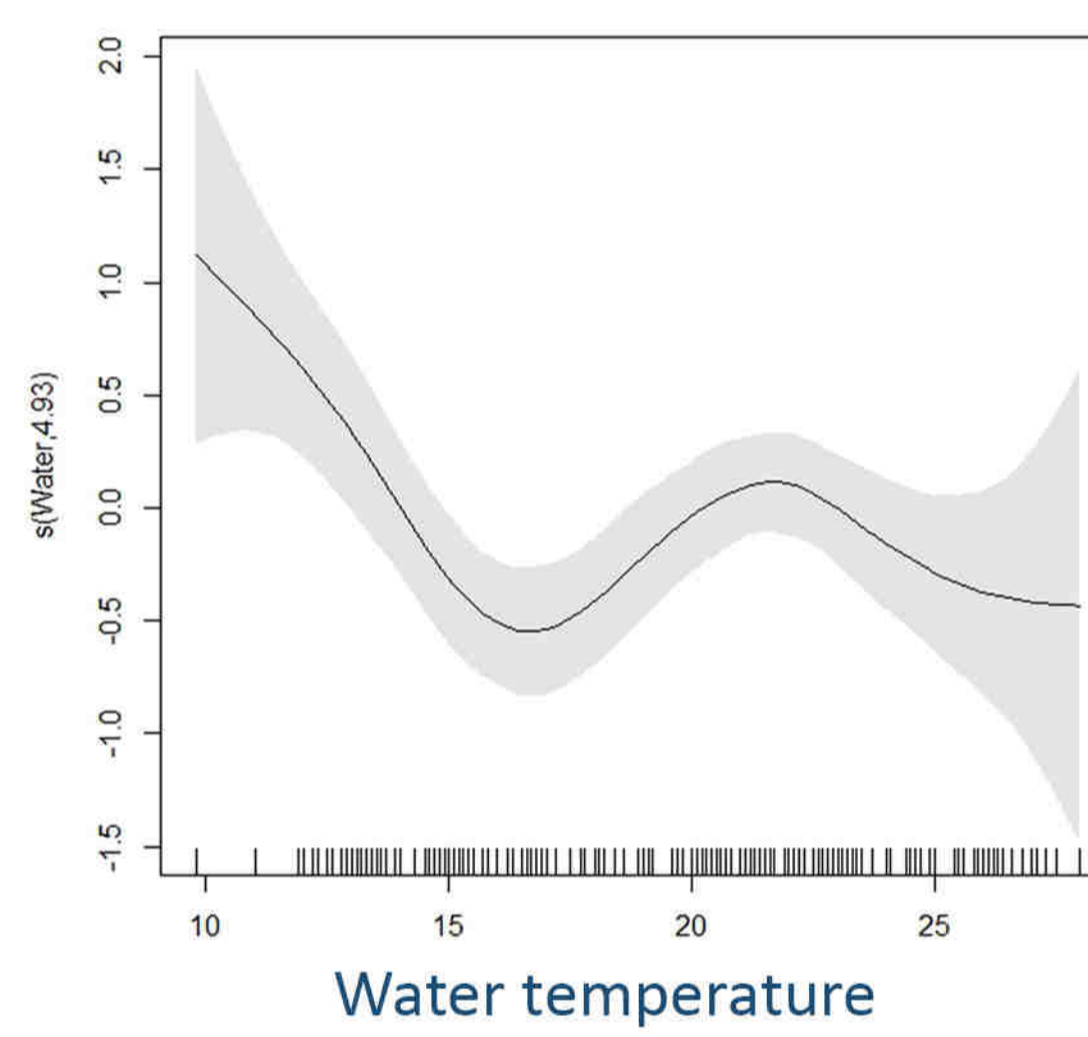
Bottlenose Dolphin Research Institute BDRI, Av Beiramar 192, O Grove (Spain)
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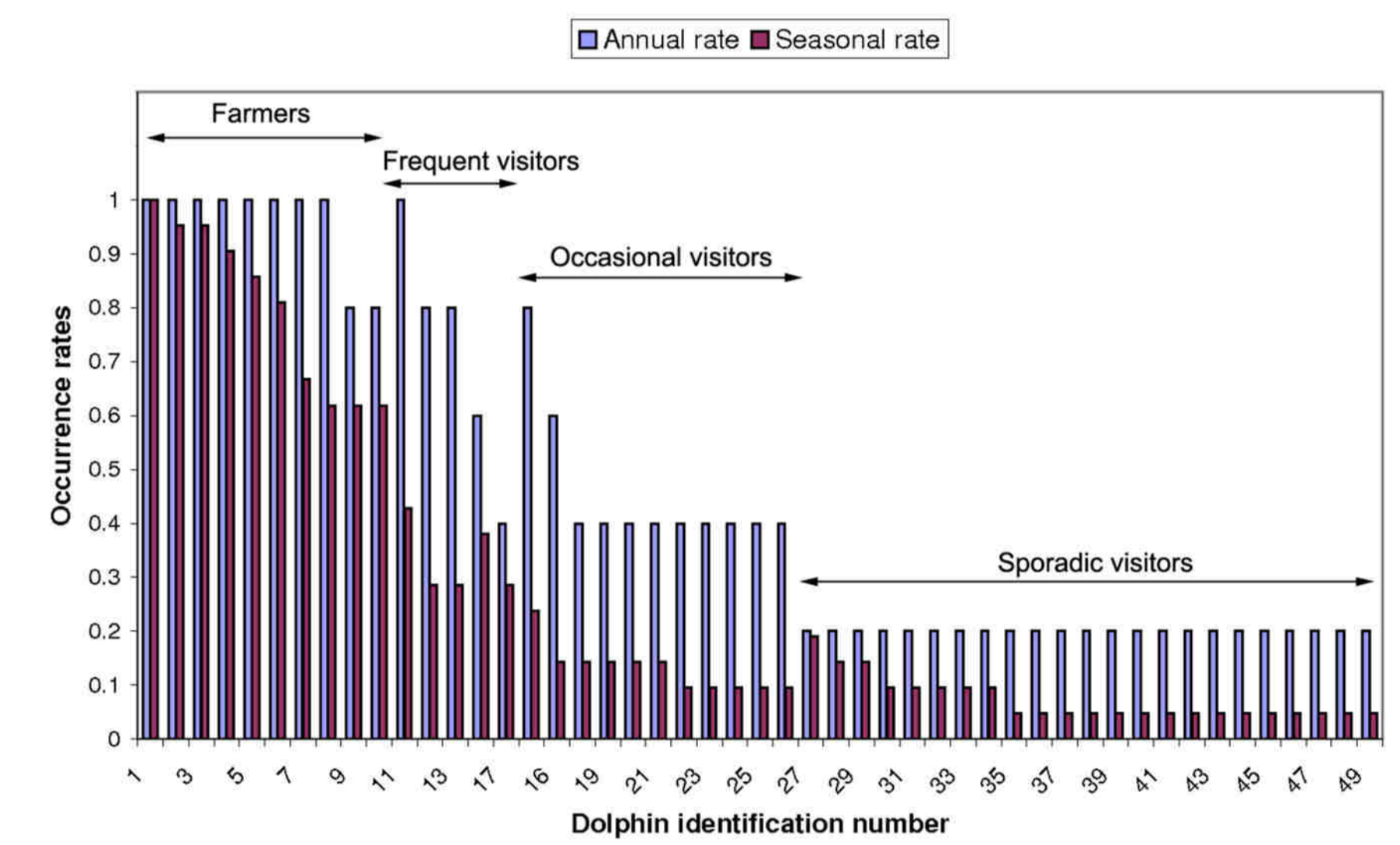
Dolphins' Attraction



Positive trend in presence

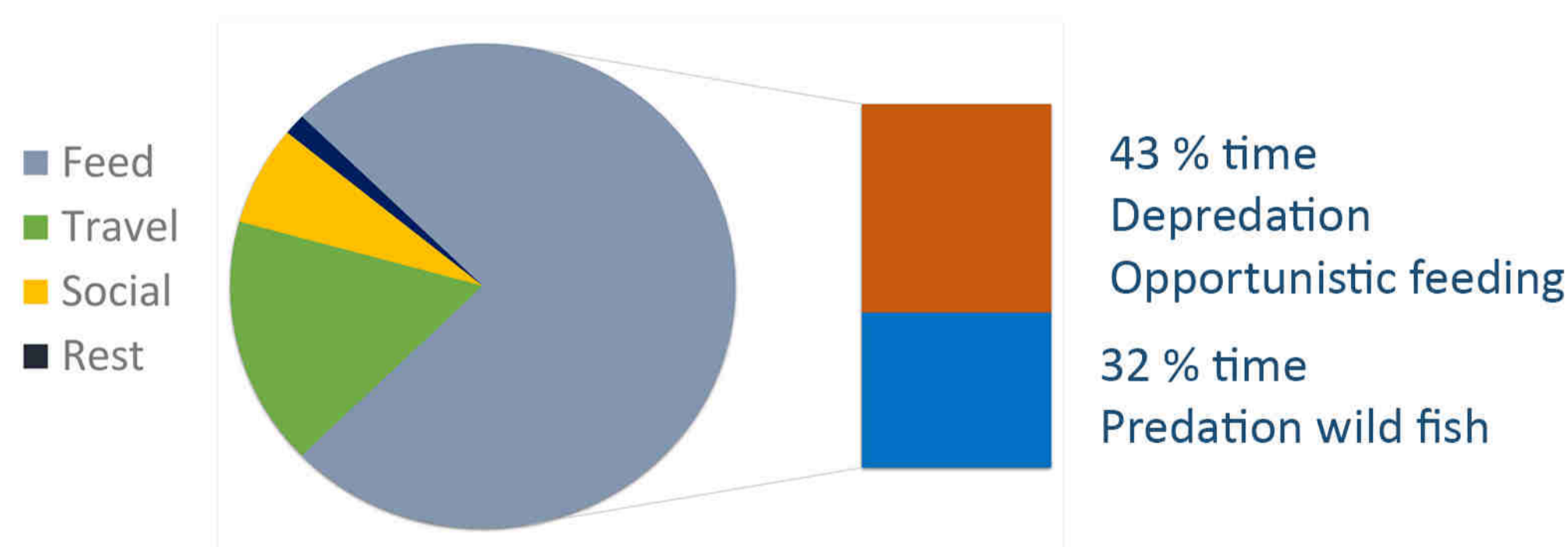


Seasonal fluctuations in presence

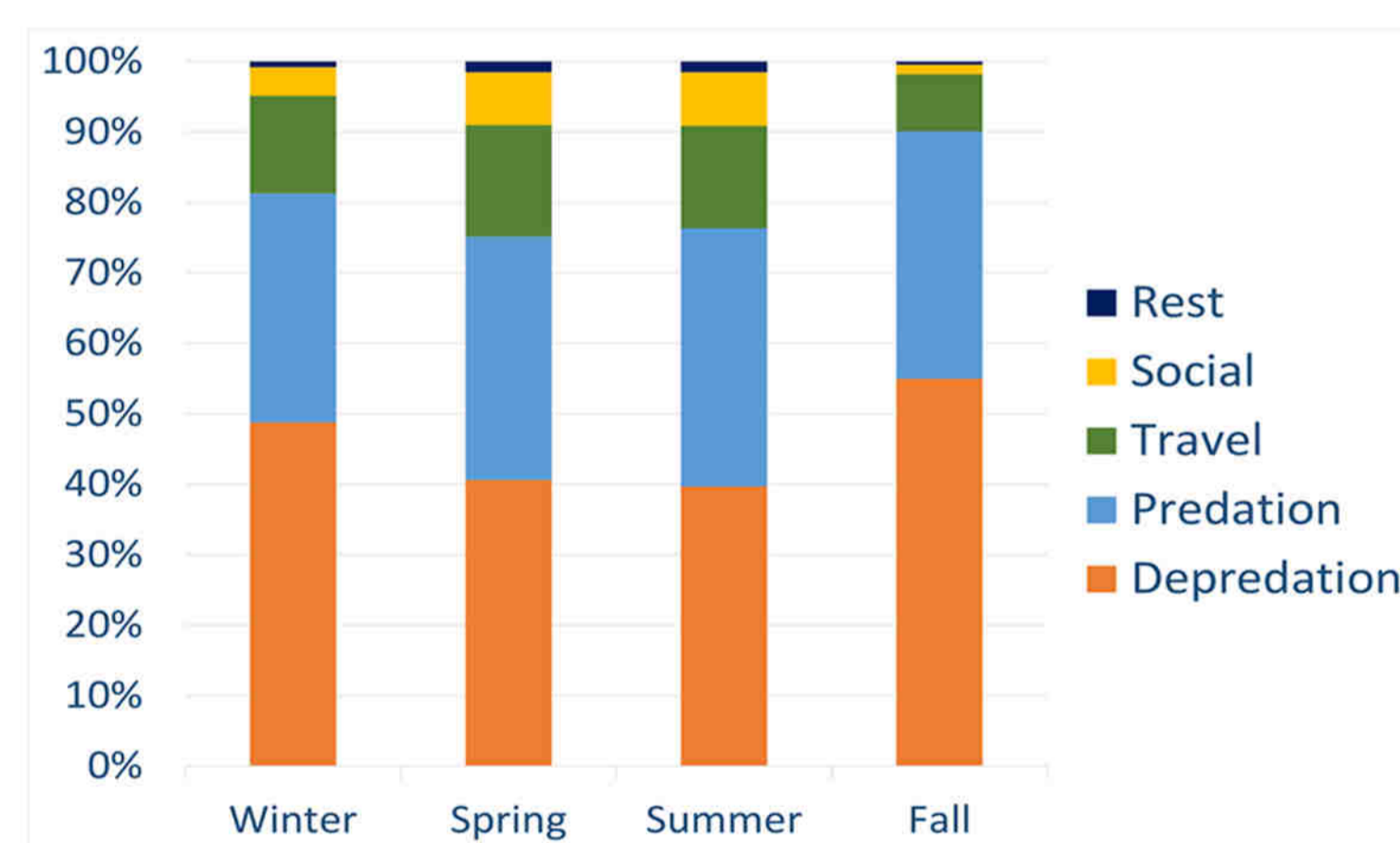


Strong fish farm fidelity

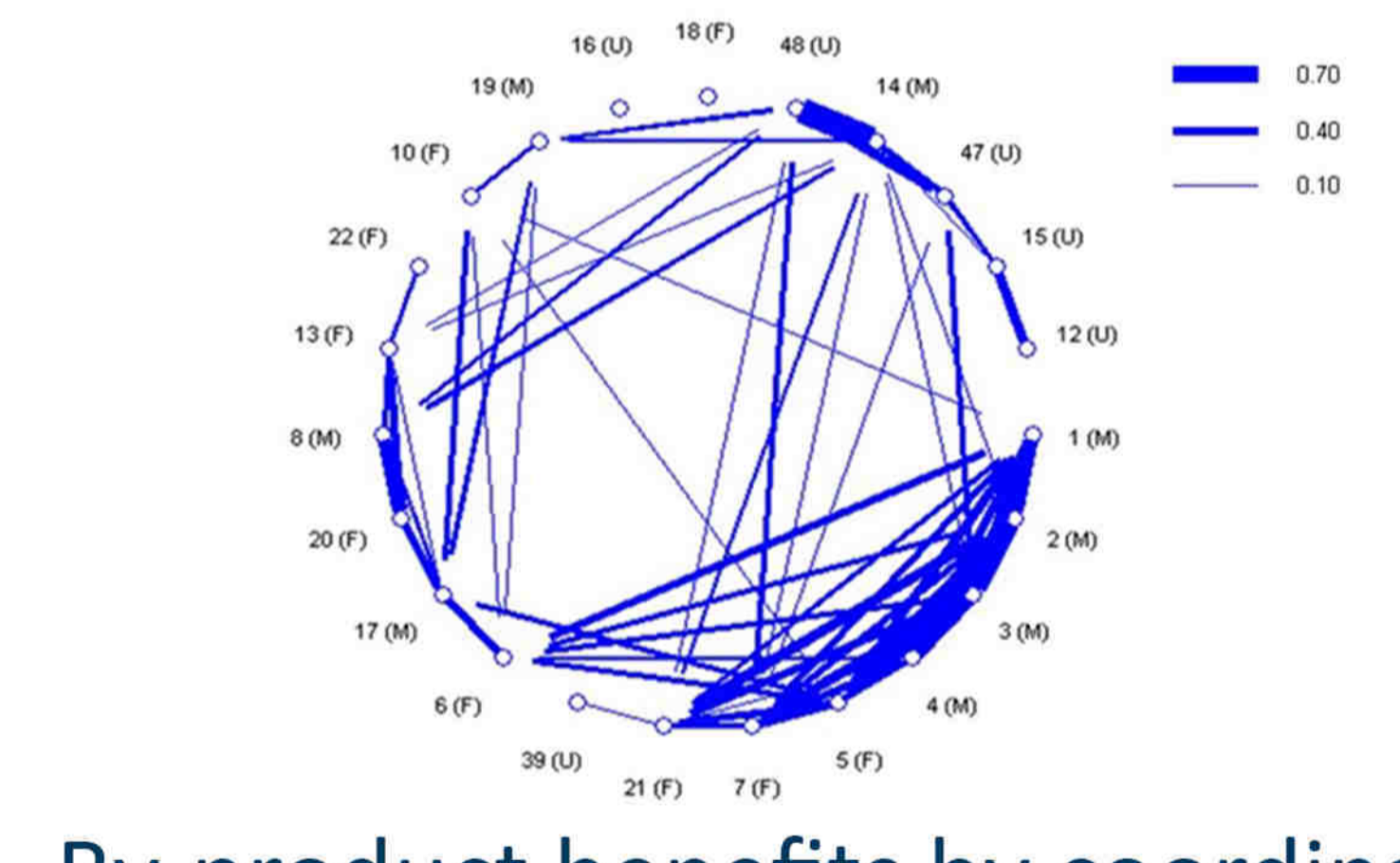
Behavioural changes



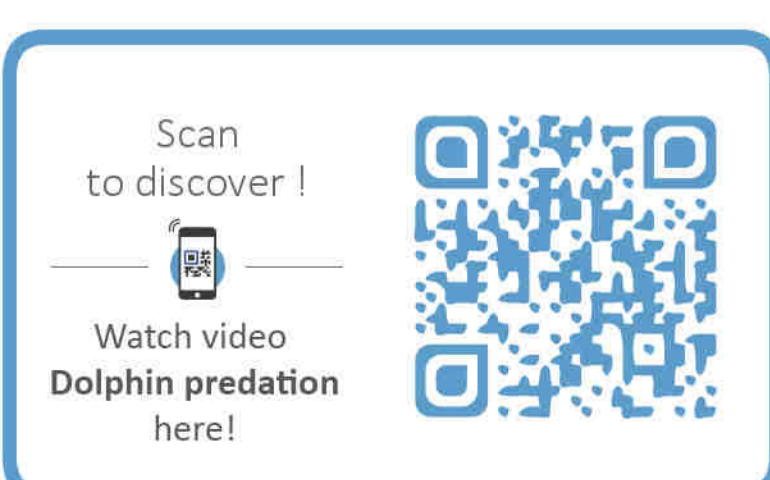
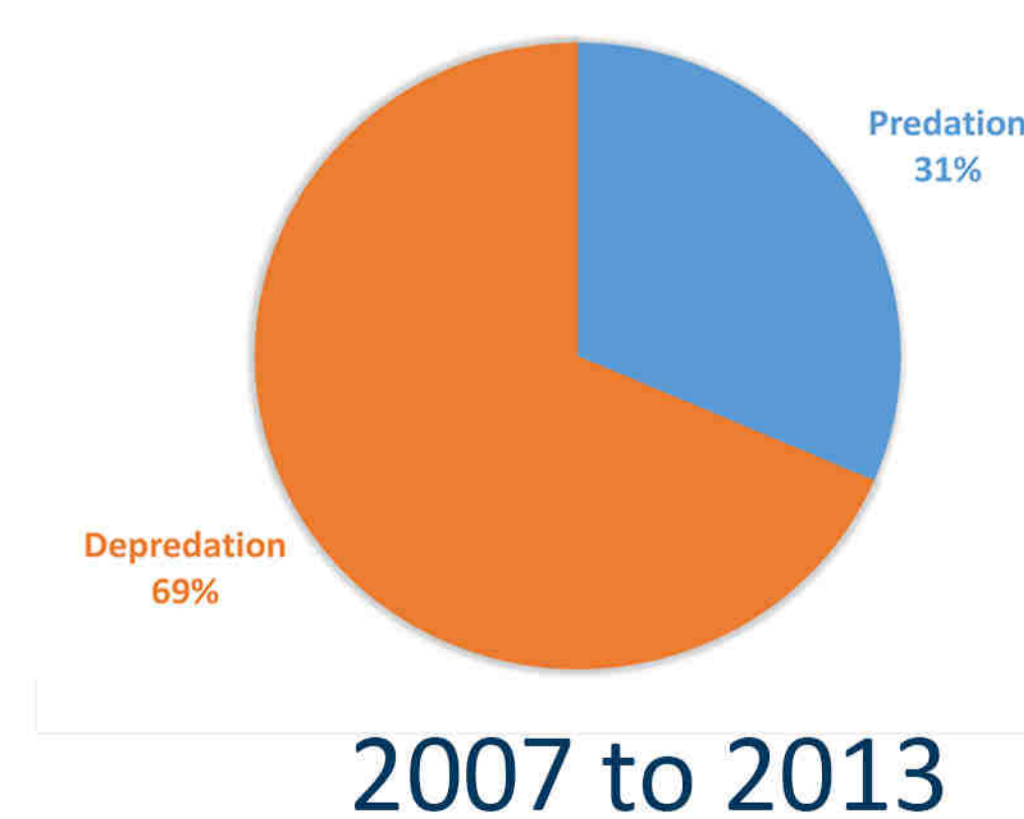
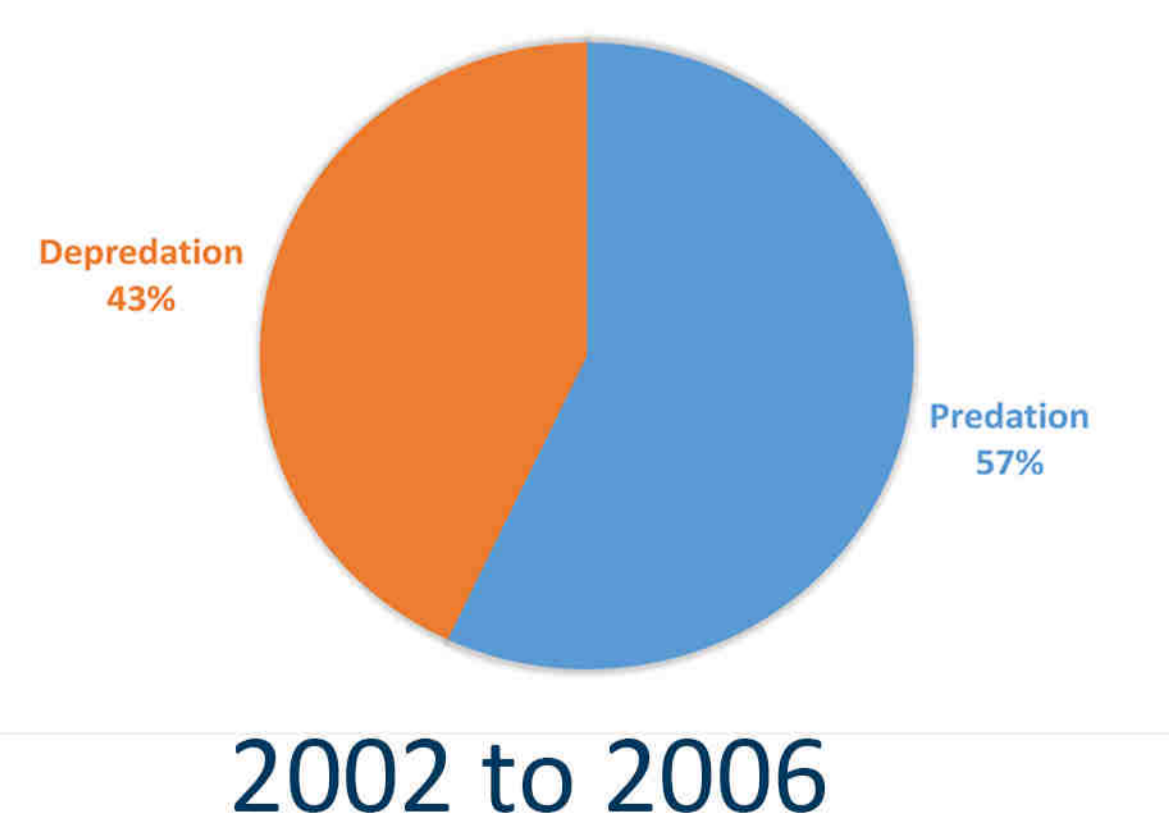
Preferences related to the food patches created by this industry



Seasonal pattern related to both prey distribution changes and changes in metabolic needs



By-product benefits by coordinating behaviour with specific individuals



Bottlenose dolphins maximize their foraging efficiency, and presumably overall fitness, by feeding in the fish farm area.

