

Thursday 18 June 2015

Understanding spatial distributions

Symposium on the occasion of Allert Bijleveld's PhD defence

Animals are not distributed randomly in space. In some areas they clump together in large groups, while in others a handful of them are widely spread out. What drives these spatial patterns? Can we explain animal distributions based on their food? Are animals attracted to each other to find food? Do individuals have distinct 'personalities' with reference to movement and foraging decisions? Questions like these will be addressed during the symposium.

Location: Noordzeezaal of NIOZ Netherlands Institute for Sea Research Landsdiep 4, 't Horntje on Texel (www.nioz.nl). If you would like to attend the symposium please send an email to allert.bijleveld@gmail.com before 16 June 2015

- 13:15 - 13:45 Understanding shorebird distributions across a range of scales
Theunis Piersma
- 13:45 - 14:30 Spatial food web dynamics in the Serengeti ecosystem
John Fryxell (University of Guelph, Canada)
- 14:30 - 15:00 Surprising effects of ontogenetic niche shifts on the structure of predator-prey communities
André de Roos (University of Amsterdam)
- 15:00 - 15:30 Coffee / Tea
- 15:30 - 16:00 State-behaviour feedbacks and the distribution of phenotypes across environments
Kimberly Mathot (NIOZ)
- 16:00 - 16:30 Habitat selection when the world changes rapidly
Christiaan Both (University of Groningen)
- 16:30 - 17:00 Untying the knot: mechanistically understanding the interactions between social foragers and their prey
Allert Bijleveld (NIOZ)

