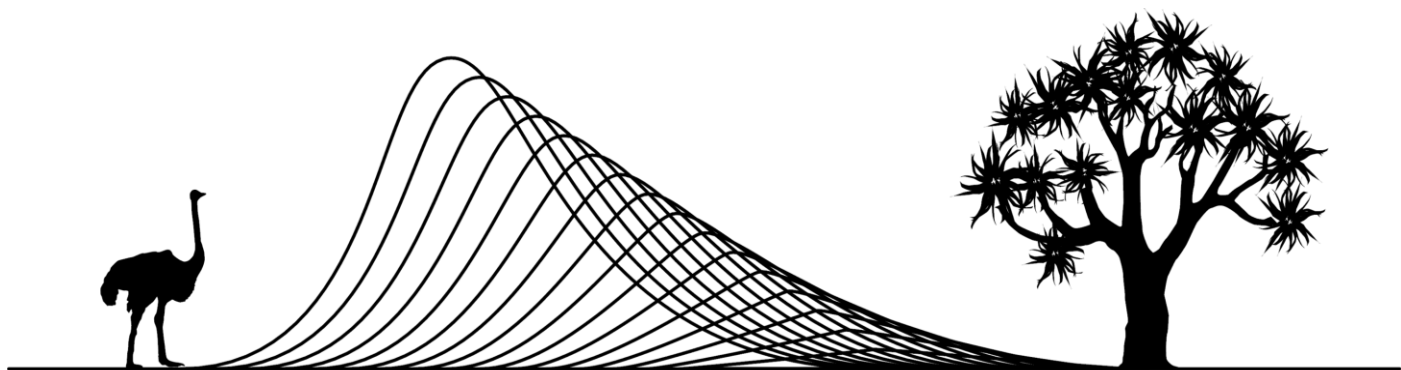


Centre for Statistics in Ecology, Environment and Conservation



SEEC - Statistics in Ecology, Environment and Conservation

STUDENT SYMPOSIUM 2016

THURSDAY 9 JUNE 2016

All welcome

TB Davie Seminar Room, PostGraduate Centre, Otto Beit Building, Upper Campus UCT

9.00-9.10	Welcoming remarks and house rules
9:10 -9:50	Keynote speaker Professor Bob Scholes -- Making sense of the indicator explosion
10:00-10:15	Francisco Cervantes Peralta -- Modelling raptor's activity distribution from flight trajectories using kernel functions.
10:20-10:35	Greg Duckworth -- How bird abundances in protected areas are affected by urban and agricultural land-types within a heterogeneous landscape in South Africa'.
10.40-10:55	Megan Slack -- Effects of Climate Change on Cetaceans in South Africa using Passive Acoustic Monitoring
11:00-11:15	Tea and coffee break
11:15-11:30	Qobo Dube -- Species distribution modelling of Aloe dichotoma (quiver tree)
11:35-11:50	Kirti Gihwala -- Environmental factors that drive flamingo foraging plasticity in Langebaan Lagoon.
11.55-12:10	Gordon Botha -- Consequences of breeding decisions in the Wandering Albatross
12:15-12:30	Marc Burman -- Explaining phenological change in South African barn swallows - effects of local and Palearctic climate
12.30-12:45	3 talks of 5 minutes each: Tess Gridley, Natasha Karenji, Vernon Visser
12:45-13:30	Lunch break -- a light finger lunch will be served
13:30-13:45	Danielle Boyd -- Fishery, population dynamics and stock assessment of geelbek (<i>Atractoscion aequidens</i>), a commercially important migrant fish species off the coast of South Africa
13:50-14.05	Etienne Pienaar -- Some interesting results with regard to Jump Diffusion Models.
14.10-14.25	Allan Clark -- A variational Bayes approach to the analysis of spatial site-occupancy models.
14.30-14.45	Gciniwe Dlamini -- Individual identification of animals using acoustics
14:45-15:00	2 talks of 5 minutes each: Sanet Hugo and Ian Durbach
15:00-15.15	Tea and coffee break
15:15-15:30	Greg Distiller -- Using spatial capture-recapture to model animal activity patterns.
15:35-15:50	Emma Lockerbie -- Ecological, fishing and environmental indicators in support of decision making in Southern Benguela fisheries
15.55-16:10	Zoe Woodgate -- Framing the riverine rabbit: using camera trap modelling in the Karoo
16:15-16:30	2 talks of 5 minutes each: Res Altwegg and Theoni Photopoulou
16:35-17:00	Wrap of day and discussion and closing words