



SAWMA 2019

INVITED PLENARY SPEAKERS



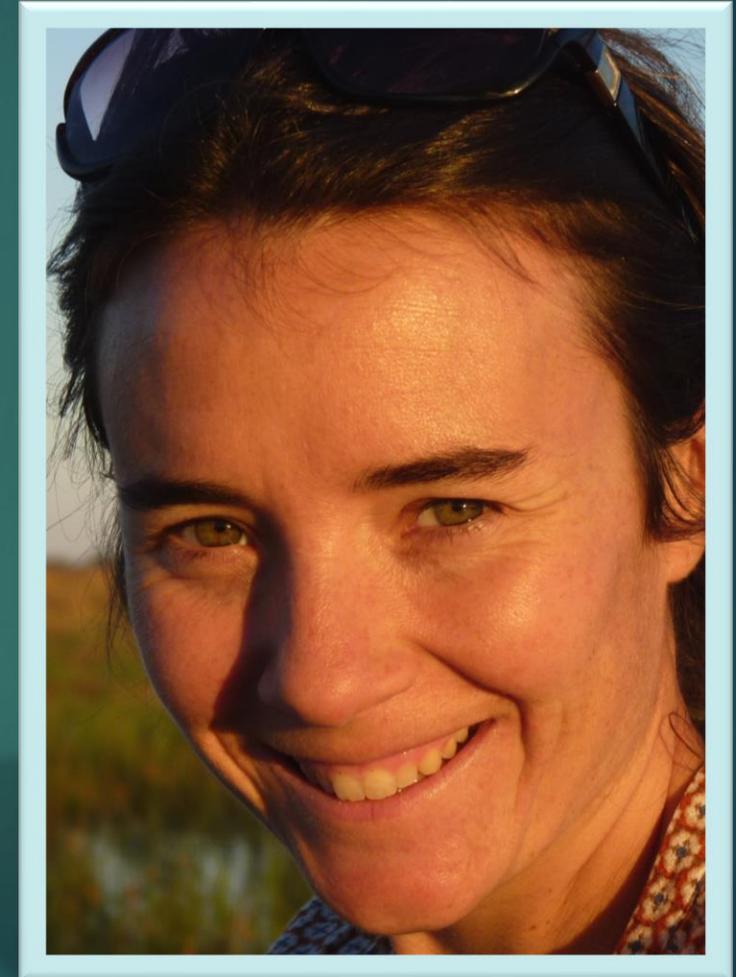
Dr Tineke Kraaij

Tineke lectures vegetation ecology at Nelson Mandela University in the Nature Conservation and Game Ranch Management Programmes. She has 17 years' experience in conducting applied research and monitoring to inform and influence conservation management. Prior to her current employment with Nelson Mandela University, she worked within the Scientific Services division of South African National Parks. Her fields of interest include fire ecology in fynbos and other South African biomes, alien invasion biology, plant-herbivore interactions, rare and threatened plant species conservation, and ecosystem restoration. She has authored/co-authored 32 papers in international peer-reviewed scientific journals, one book chapter and various articles in the popular literature.

Tineke has studied BSc with Botany, Zoology and Nature Conservation as majors at Stellenbosch University, prior to completing an MSc by research on the issue of bush encroachment in semi-arid savanna. For her PhD she studied the drivers, ecology and management of fire regimes in the eastern coastal part of the Cape Floristic Region. Tineke serves on the editorial board of the South African Journal of Botany since 2014 and regularly reviews manuscripts for high impact international journals. She is a research associate of the African Centre for Coastal Palaeoscience since 2016. Tineke has supervised four MSc studies and is currently supervising five MSc students and two PhD students.

Dr Chloé Guerbois

Chloé Guerbois is a French sustainability scientist established in southern Africa. She obtained her PhD in 2012 after studying the resilience of Hwange National Park and its periphery (Zimbabwe) to socio-economic and climatic crises. She started by developing bioeconomic models during her Masters degree, but soon after arriving in Hwange in 2009, she realised that the drivers of resilience were deeply rooted in social dimensions. An ecologist by training, she immersed herself in the Hwange community and started to learn empirically about people and resilience. She focused on the contribution of the park to sustaining local livelihoods, and reciprocally, using the interactions between people and elephants as a thread-line. After this life-changing experience, she moved to the Garden Route with her family in 2015 to work with the Sustainability Research Unit of Nelson Mandela University on adaptations to global change in coastal areas. This collaboration gave her an opportunity to learn more about the theoretical foundation of resilience and as a result she has become an accomplished interdisciplinary scientist. Intrigued by local newspaper articles, she also started to view conservation conflicts in the Garden Route (and human-baboon interactions in particular) through a social-ecological system (SES) lens. Advocating the importance of long-term research and engagement, Chloé recently obtained a 3-years research fellowship at NMU to focus on adaptation services and transformative conservation in the Hwange and the Garden Route social-ecological systems.





Emeritus Professor Jim Hone

Jim is a wildlife ecologist who studies wildlife population dynamics and management. The focus of his research is on why wildlife abundance changes, including the relationship with wildlife management efforts. Species studied include mammals and birds in Australia, New Zealand, Canada and the United Kingdom. Books he has published are *Analysis of Vertebrate Pest Control*, *Wildlife Population Growth Rates*, *Wildlife Damage Control*, and *Applied Population and Community Ecology*. He is an Emeritus Professor at the University of Canberra, in the Institute for Applied Ecology.

Hervé Fritz, Director of Research, is a permanent staff of the CNRS since 1998. He did his PhD in ecology at the Université de Paris 6 (defended in December 1995), and its post-doctoral fellow at the Centre d'Etudes Biologiques de Chizé CNRS-UPR 1934, where he has been recruited. He moved to the Laboratoire de Biométrie et Biologie Evolutive UMR 5558 at the University of Lyon 1 in January 2007, where he integrated the Evolutionary Ecology Department. His main research theme could be summarised as “Coupling behavioural and community ecology to understand the role of trophic relationships in the functioning of conservation orientated social-ecological systems”. Most of his research projects are at the interface between theoretical and applied science, with a strong emphasis on wildlife management and conservation. He has authored and co-authored over 180 papers and supervised 30 PhDs. His field experience covers over research and conservation projects in France, as well as Southern, Eastern and Western Africa (Zimbabwe, South Africa, Mozambique, Botswana, Kenya, Cote d'Ivoire, Burkina Faso). Since 1999, Hervé Fritz has developed an integrated research programme, the Hwange Environmental Research Development (HERD), and promoted Hwange National Park to a long term social-ecological research site: CNRS Hwange LTSER - Zone Atelier Hwange. He has developed a strong collaboration network with several universities from France, UK, Spain, Canada, China, Zimbabwe and South Africa. He currently is hosted at the Nelson Mandela University (George Campus), where he is a Adjunct Professor and leads an initiative for the creation of Mixed International research Unit (UMI) between CNRS and NMU addressing the challenge of biosphere-based sustainability.

Dr Hervé Fritz

