

SALLnet – South African Limpopo Landscapes Network

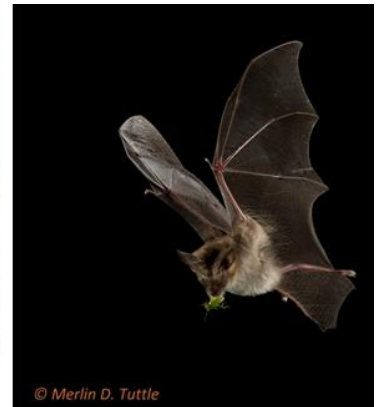
Seminar

Mina Anders (University of Göttingen)

Interacting effects of pollination and pest control services on Macadamia yields

The implementation of ecosystem services in agricultural systems is broadly discussed and their benefits for several crops has been shown. We examined two ecosystem services, i.e. pollination and biological pest control in an intensively managed tropical crop, macadamia, and their effects on the nut set. We assessed the importance and influence of different management practices and spatial design of the macadamia orchard on pollination service and nut set. Further, we investigated the interaction of pollination and biological pest control.

The spatial arrangement of the trees on the farm and pollinator activity were more important for a high final nut set than agronomic practices like irrigation or managed honeybees. The combination of pollination and biological pest control is important to produce a high quantity but also high quality of macadamia nuts.



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Wednesday, 13 January 2022
12:00 CET/13:00 SAST

Online (ZOOM)