



Carla is Professor of Ecology and Evolutionary Biology. Her work focuses on the dynamics and distribution of biomes, especially within and at the intersection of savanna and forest. She uses a combination of empirical and modelling approaches to understand how local interactions of plants with their resource and disturbance environment scale up to predict landscape- and continental-scale patterns of vegetation structure and dynamics

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Salle 201, Bâtiment PS2, CIRAD-UMR AMAP,
Boulevard de la Lironde
Visoconference : [[TEAMS LINK](#)]

Balancing the savanna carbon budget

presented by

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ABSTRACT

As anthropogenic climate change accelerates, interest in offsetting carbon emissions with ecosystem carbon storage has grown. In savannas, fire suppression and afforestation have been proposed as tools to increase carbon sequestration, whilst land use conversion accelerates. However, large uncertainties remain about the outcomes of these interventions, both for carbon storage (especially the rate of carbon sequestration possible) and for savanna biodiversity. My talk will discuss our recent work to clarify the consequences of management interventions aimed at increasing carbon sequestration in savanna ecosystems.

KEY WORDS

Biodiversity, management, land use change, carbon sequestration

Invited and animated by:

Dr Imma OLIVERAS MENOR (UMR AMAP)

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Research results

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Language of PPT:

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