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**Présentiel :** Salle 201, Bâtiment PS2, CIRAD-UMR AMAP,  
Boulevard de la Lironde

**Zoom :** <https://umontpellier-fr.zoom.us/j/99417214621>

## Tropical montane forests in Africa: carbon, water and rural livelihoods

*presented by*

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### ABSTRACT

Tropical montane forests, those found above 800m elevation, are unique socio-ecological systems. Lower temperatures, cloudiness, wind and waterlogged soils affect tree composition, forest structure and carbon stocks. Notably, those in Africa have higher carbon than previously expected- I will discuss potential drivers. I will also provide a quick overview of the importance of occult precipitation on ecosystem functioning, and discuss the ecosystem services they provide to local peoples, considering instrumental, relational and intrinsic values of Nature.

### KEY WORDS

Tropical forests; Ecology; Ecosystem services; Africa

**Invited and animated by:**

Maxime Réjou-Méchain

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Research results

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