

51th FEFCO

Forest Ecosystem Function Colloquium (FEFCO) は、地域や地球全体のレベルで森林生態系の機能とその持続的活用法を統合的に理解することを目的とし、研究者間の学術交流を推進します。

第51回森林生態系機能コロキウムは、ブラジリア大学のJosé Manuel Vieira Fragoso博士にご講演いただきます。どなたでも参加できますので、多くの皆様のご参加をお待ちしております。京都大学農学研究科熱帯環境学研究室(kitajimak@me.com)がホストを務めます。

51th FEFCO

2019/11/25 16:30 - 18:00

Faculty of Agriculture Main Building, S174

Professor José Manuel Vieira Fragoso
(University of Brasilia, Brazil)

Interactions Between Biodiversity and Indigenous Peoples Influence Socio-ecological Sustainability in the Amazon

Understanding pathways of environmental sustainability is a key priority for conservation and development policies. There is evidence that in the Amazon titled indigenous territories are more effective than protected areas at preventing forest clearing, there is also evidence that as indigenous peoples integrate with national socio-economies, they exert unsustainable pressure on biodiversity. The 500 million indigenous peoples of the world occupy 20% of the world's land surface. Field data and a spatially explicit agent-based model representing human livelihoods, forest dynamics and animal meta-populations revealed social-ecological systems were resilient to internal changes, while introduction of external food resources eroded environmental sustainability.