

# 56th 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56回森林生態系機能コロキウムは、京都大学SPIRITSプロジェクト「熱帯白砂林における生物多様性と生態系機能の大陸間比較」との共催で、森林総合研究所宮本和樹さん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がホストを務めます。

56th FEFCO

2021/7/15 16:00 - 17:30

via zoom (for registration, please fill out following form

<https://forms.gle/NWFoS4CyiRZbGtah6>)

Language: Japanese (with English ppt)



Dr. Kazuki Miyamoto (FFPRI)

## Ecology of tropical heath forests: an introduction

Tropical heath forests are a forest type found in nutrient-poor sandy soils called podzols, which are scattered throughout the tropical regions of the world. Although there are fewer tree species in heath forests than in other lowland tropical forests, there are some endemic species that are adapted to oligotrophic environments. The factors related to the occurrence of heath forests and the dynamics of the component tree species are still unknown, making them an attractive subject for researchers in the field of tropical forest ecology. On the other hand, heath forests are a fragile forest ecosystems and are threatened by climate change and human disturbance. In this presentation, I will review the characteristics and mechanisms of forming and maintaining heath forests based on previous literature. In addition, I will introduce the effects of El Niño drought on the dynamics of heath forests showing our forest dynamics monitoring studies in Borneo. To conclude this presentation, I would like to consider the conservation measures for heath forests.