

17th 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17回森林生態系機能コロキウムは、兵庫県立大学の佐々木ノピア先生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。

17th FEFCO

2015/1/22 16:00 - 17:30

Faculty of Agriculture Main Building, S174

Dr. Nophea Sasaki (University of Hyogo)

(佐々木ノピア, 兵庫県立大学)

Carbon Emission Reductions and Removals in Cambodia under the REDD+ Scheme

REDD+ scheme of the United Nations Framework Convention on Climate Change is a result-based financial incentive for reducing carbon emissions from deforestation and forest degradation, conservation of forests, sustainable management of forests, and removals through enhancement of forest carbon stocks in developing countries. To benefit from this scheme, individual countries in developing countries are required to submit the reference emission level (REL), against which emission reductions are compared. Although estimating REL has become increasingly important, only several developing countries submitted their REL at the COP20 held at Lima in December 2014. This talk discusses the methods used to estimate baseline emissions and discuss the approaches to decide REL for Cambodian forests. In addition, discussions on policy interventions for reducing emissions are also provided. Carbon stocks in four carbon pools in seven forest types are used to estimate carbon stock changes and emissions up to commune level in Cambodia. Data of forest cover in 2002 and 2006 are used to establish future baseline deforestation, emissions, reductions, and removals.