

# 3rd 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利用法を統合的に理解することを目指し、研究者間の学術交流を推進します。

第3回森林生態系機能コロキウムは、James Cook UniversityのWilliam F. Laurance教授にご講演いただきます。京都大学農学研究科熱帯林環境学分野および森林生物学分野がホストを務めます。

3rd FEFCO  
2014/2/25 16:00-17:30  
Faculty of Agriculture Main Building, S174

**William F. Laurance**

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Prince Bernhard Chair for International Nature Conservation  
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## THE IMPACTS OF EXPLOSIVE ROAD EXPANSION ON TROPICAL FORESTS AND BIODIVERSITY

We live in an era of unprecedented road expansion, with new roads now penetrating into the world's last remote regions. By the year 2050, it is expected that Earth will have 25 million kilometres of additional roads and highways—enough to circle the planet over 600 times. Ninety percent of these roads will be in developing nations, including tropical nations that sustain the bulk of Earth's biodiversity. I will highlight the impacts of rapid road expansion on tropical forests and their wildlife, and then describe an ambitious effort I am leading to devise a 'Global Road Map'—an innovative zoning scheme to indicate where on Earth future roads should and should not go.