

2024

9.18 (wed.) 12:10
12:50

12:10-12:15

◆ Introduction

12:15-12:40

◆ Seminar
(Presentation)

12:40-12:50

◆ Q&A

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Supported by Kyushu University, Q-AOS

Forest monitoring: How do you measure forests?

Chair: Assoc. Prof. Fumihiko YOKOTA (Coordinator of Q-AOS)



Key Words

Sustainable forest management

Forest monitoring

Deforestation

Forest degradation

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Tetsuji Ota is an Associate professor of faculty of agriculture, Kyushu university. He received Ph.D. (Agriculture) from the Department of Bioresource and Environmental Sciences, Kyushu University in 2011. After working as a postdoctoral researcher at the Faculty of Agriculture, Kyushu University, and as an assistant professor at the Decision Science Centre for Sustainable Society, Kyushu University, he was appointed to his current position in 2020. His research focuses on sustainable forest management, including forest monitoring methods and evaluation of forest management policies.

Forests, which cover about 30% of the world's land area, play an important role in conserving biodiversity and mitigating climate change, while providing resources essential to human livelihoods. Sustainable forest management is therefore required to maintain the functions of forests and to ensure the long-term use of forest resources. Continuous forest monitoring is essential for sustainable forest management. Because forests are widely distributed, effective methods are needed to measure them. This report therefore presents a wide range of methods, from measuring the size of individual trees to measuring forests across large areas.