



XV WORLD FORESTRY CONGRESS

Building a Green, Healthy and Resilient Future with Forests

2-6 May 2022 | Coex, Seoul, Republic of Korea

Side-event: International symposium on sustainable use of wood to maintain healthy forests

Date: May 6, Time: 11:30 - 01:00 p.m., language: EN, Format: Physical + virtual

Summary

Healthy forests can be managed on the premise of healthy circulation. The sustainable use of wood in the healthy forest circulation is the most important process, but so far, it has been regarded as a role of wood industries. The sustainability of healthy forest management has been discussed and agreed upon globally. A circular system in which the profits generated by sustainable wood use are reinvested into sustainable forest management completes the healthy circulation of forests.

How to store carbon longer and to substitute carbon-intensive materials by wood products to reduce greenhouse gas emissions will be discussed in the symposium. A prime example is mass timber construction. The current technology that enables high-rise mass timber construction and the future will be presented and discussed with the hope of contribution not only to reduce carbon emission to the atmosphere but also to improve human living condition by reducing the harm caused by the artificial environment.

Session Organizer : NIFoS

Format : Presentation, Panel discussion and Q&A

Purpose

- Share the latest expertise and experiences in conducting research on expanding the utilization of next generation wood products with carbon stock function
- Discuss on efficient use of wood made from thinning logs (including forest fire-damaged wood) and wood products as a substitute for carbon-intensive materials

Program

Time	Speaker/Activity
11:30 ~ 11:35	Opening & Welcoming Remarks – NIFoS
11:35 ~ 11:45	Sustainable use of wood to maintain healthy forest – Kugbo Shim
11:45 ~ 12:15	Ancient Future: Contemporary Mass-timber Projects and Challenges in Japan – Satoru YAMASHIRO(Japan)
12:15 ~ 12:45	Mass Timber Products in Sustainable Tall Buildings – Marjan Popovski(Canada)
12:45 ~ 12:55	Panel discussion and Q&A from the audience
12:55 ~ 13:00	Closing – NIFoS

Organizer

1. Dr. Kugbo Shim, Senior Research Official, National Institute of Forest Science, kbshim@korea.kr
2. Dr. Keonho Kim, Research Official, National Institute of Forest Science, keon@korea.kr