

The 7th

Yamaoka Memorial Foundation

Science & Technology Lecture

Towards a sustainable society where **people** and **forests** coexist



Rudolf Diesel

Hideo Yamaoka

A SUSTAINABLE FUTURE

New Value through Technology

Admission Free

Advance applications are required

English and Japanese Simultaneous Interpretation



The Challenge of Maniwa, an SDG City of the Future- Utilizing Diverse Regional Resources

Noboru Ota

Mayor of Maniwa City, Okayama Prefecture



Approaches for sustainable forest management and operations

Ola Lindroos, Ph.D

Professor of Forest Operations
Swedish University of Agricultural Sciences (SLU)

October 21st, 2024

16:00-19:00 **Capacity** ▶ Venue: 80 seats ▶ Online: 500 seats

Goethe-Institut Villa Kamogawa

Online lecture (ZOOM) will be held at the same time.

Registration

Please entry at website below.

<https://yamaoka-memorial.or.jp/en/event/2024/1021-01.html>

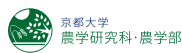
Entry deadline: 11:00a.m. on October 18th, 2024



Organized by **Yamaoka Memorial Foundation**

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一般社団法人 大阪日独協会



Purpose of the Lecture Meeting

This science and technology conference invited Japanese and German experts to give three lectures each on the themes of "renewable energy" and "food and agriculture," which are closely related to preventing global warming, and are one of the 17 challenges toward achieving the Sustainable Development Goals (SDGs) adopted by the United Nations in September 2015. This year's theme will be "Coexistence between Forests and People. Through keynote speeches by lecturers from Japan and Sweden and panel discussions, we hope to stimulate a lively exchange of opinions, particularly among young people who will be responsible for the future, about how forests and humanity can coexist, which is a global issue.

Speaker Introduction



Mayor Noboru Ota

Mayor of Maniwa City, Okayama Prefecture

- 2021 Becomes Mayor of Maniwa (for the third term)
- 2017 Became Mayor of Maniwa (for the second term)
- 2013 Resigned as Vice Governor of Kyoto Prefecture
Became Mayor of Maniwa City
- 2010 Vice Governor of Kyoto Prefecture
- 2006 Director of General Affairs Department, Kyoto Prefecture
- 2002 Chief of the Kyoto Prefectural Governor's Office
- 2001 Chief of Staff (Personnel Affairs Division) of
the Kyoto Prefectural Governor's Office
- 2000 Director of the General Affairs Department of Kyoto Prefecture
(Chief of the Finance Division)
- 1996 Director of the Finance Division, General Affairs Department, Kyoto Prefecture
- 1993 Counselor in the Local Affairs Division,
General Affairs Department, Kyoto Prefecture
- 1975 Employment in Kyoto Prefecture
(Civil Engineering and Architecture Department, Housing Division)
- 1975 Graduated from the Faculty of Law, Kyoto University

〈Abstract〉

The Challenge of Maniwa, an SDG City of the Future- Utilizing Diverse Regional Resources

Maniwa City in Okayama Prefecture, where 80% of its area (828 km²) is covered by forests, is active in forestry and the timber industry. The city is promoting the utilization of wood biomass by-products through public-private partnerships. Recognized for its efforts in regional resource recycling, Maniwa was selected as a Biomass Town in 2006, a Biomass Industrial City in 2014, an SDGs Future City in 2018, and a Leading Decarbonization Area in 2022. The city continues its efforts towards achieving a sustainable society.

In recent years, the city has also been actively working to promote a recycling society by separating and recycling food waste, and to create education and research centers for knowledge and technology related to forests, timber, and wooden architecture. Today's presentation I will introduce the current status of these initiatives.



Ola Lindroos, Ph.D

Professor of Forest Operations
Swedish University of Agricultural Sciences (SLU)

- 2024- Co-coordinator for the International Union of Forest Research Organizations (IUFRO) Division 3, Forest operations engineering and management.
- 2019- Vice-dean, with responsibility for undergraduate and graduate education, for the Faculty of Forest Sciences, SLU
- 2019-2024 Coordinator for the IUFRO Work Group 3.10, Forest Robotics and Digital Forest Operations.
- 2016- Professor, SLU
- 2015-2024 Deputy coordinator for the (IUFRO) Division 3.
- 2012-2015 Editor-in-chief for the International Journal of Forest Engineering.
- 2011 Associate professor, SLU
- 2010-2014 Post-doc and guest researcher International Institute for Applied Systems Analysis (IIASA), Austria.

〈Awards received〉

- 2017 Main supervisor for the PhD thesis rewarded by The Royal Swedish Academy of Agriculture and Forestry's year 2017.
- 2015 Best paper award at the FORMEC symposium, Austria.
- 2014 Awarded SLU's Educational award for individual exemplary efforts within education and teaching.
- 2011 Awarded the Royal Skyttean Society's price to a prominent young researcher at the SLU Faculty of Forest Sciences.

〈Abstract〉

Approaches for sustainable forest management and operations

Forests cover one-third of the Earth's land area and play a crucial role in addressing global challenges such as the transition to a bioeconomy, combating climate change, and preventing biodiversity loss. Their importance lies in their capacity to provide essential benefits that humanity and the planet need for a sustainable future. However, balancing the numerous and often conflicting objectives of using, restoring, and preserving forests is a significant challenge. This has led to a wide variation in forest management practices worldwide, influenced by local conditions and perceptions of sustainability that differ geographically and over time. In this lecture, I will present various approaches to sustainable forest management and the related operations, with a special focus on Swedish forest management practices.

About "Yamaoka Memorial Foundation"

Magokichi Yamaoka, founder of Yanmar Group, succeeded in developing world's first compact diesel engine, which originates from ones invented by Dr. Rudolph Diesel in Germany, and hence spread this type of engines all over the world. With this background, the Yanmar Group has always been grateful for German technology and culture since it was founded. With such feelings of gratitude, Yamaoka Memorial Foundation was established to promote cultural exchanges between Germany and Japan in order to contribute to the sustainable development of our society.

Goethe-Institut Villa Kamogawa

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Access by public transport

Take a **city bus** No.4, 17 or 205 to **Kojin-guchi**, about 30min. Then walk for about 5 minutes.
Take a **Kyoto bus** No.17 or 205 to **Kojin-bashi**, about 30min. Then walk for about 2 minutes.

with the Keihan railway

from **Jingumarutamachi** station, walk north for about 6 minutes
from **Demachiyana**gi station, walk south for about 8 minutes

No parking available.
Please use public transport

