

# 3rd ESP Asia Conference

14-17 December 2021 | Nagasaki, Japan

Eco-health and ecosystem services in Asia:  
Bottom-up aspects for planetary health

ONLINE

## SESSION DESCRIPTION

**Session ID: T8**

Session title Approaches for assessing cultural ecosystem services and their sustainability

**Hosts:**

	Title	Name	Organisation	E-mail
<b>Host:(1)</b>	Dr.	Toshiya Matsuura	Forestry and Forest Products Research Institute	matsuu50@affrc.go.jp
<b>Co-host(s):</b>	Dr.	Ronald C Estoque	Forestry and Forest Products Research Institute	estoquerc21@affrc.go.jp
<b>Other organisers (2)</b>	Prof.	Tomoyo F Koyanagi	Tokyo Gakugei University	koya23jp@u-gakugei.ac.jp
<b>Other organisers (3)</b>	Dr.	Takuya Furukawa	Forestry and Forest Products Research Institute	tfurukawa@affrc.go.jp

**Abstract:**

Various cultural ecosystem services (e.g., tourism, health, education, local cuisine, etc.) are found in different socio-ecological conditions. However, most of these services have not been well quantified and are often underestimated. Moreover, these services are changing and become vulnerable due to changes in social factors (e.g., changes in demand of the service, demographic structure, and lifestyle) and landscape changes due to both land development and abandonment. Therefore, it is necessary to assess their current status, such as spatial distribution, supply, demand, etc. It is also essential to understand the factors that need to be considered to improve and sustain these services for future projection based on possible scenarios. A wide range of methodologies, tools, and techniques are available; they might help assess the status of these services for their promotion and sustainability. These include, but are not limited to, the use of

geographic information systems (GIS), statistical models, artificial intelligence (AI), and social networking services (SNS). This session will explore such methodologies, tools, and techniques through presentations of case studies, especially in the Asian region, and share knowledge and experiences among the participants.

**Goals and objectives of the session:**

To explore the current state of knowledge in assessing cultural ecosystem services and their promotion and sustainability through case studies and sharing of experiences in the Asian region.

**Planned output / Deliverables:**

Proceedings of abstracts

**Voluntary contributions accepted:**

Yes

**Related to ESP Working Group/National Network:**

TWG 8 – Cultural services & Values