

2023

3. 8 (wed.)

12:10
12:50

12:10-12:15

◆ Introduction

12:15-12:40

◆ Seminar
(Presentation)

12:40-12:50

◆ Q&A

Online
(Zoom)Scan here for
Registration ▶▶https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN_HePJmNzQTW-FC0Q_-VoCyyw

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Challenge of DX and visualization of biodiversity - the possibilities and the risk -

Chair: Assoc. Prof. Kun QIAN (Research Futures Coordinator of Q-AOS)



Key Words

3D model

digital transformation

wildness

field work

Research staff **Yuichi Kano**

Kyushu Open University



Recently, he has developed digital 3D models of biological specimens, which received a great response from the world. Yuichi Kano is a researcher of Kyushu Open University. He received a Master of Biology at Kyoto University, and Ph.D. at Mie University. He conducted conservation ecology at many countries of Southeast and East Asia for 15 years. He also has more than 20 years experiences of ecoinformatics (digital archive of biodiversity information),

In recent years, innovative digital technologies have begun to be implemented in all fields under the keywords "DX," "metaverse," "AI," and so on. The field of biodiversity science is no exception. The presenter has been working on the construction and digital archiving of biodiversity information databases and "visualization of biodiversity," with a focus on aquatic organisms. In recent years, I have been particularly focusing on 3D modeling of biological specimens, which is a content that goes very well with DX, and has received a great response both domestically and internationally. This presentation will explore the positive aspects of these efforts, as well as the negative aspects in today's society, which is losing its "physicality" and "wildness".