

THE 14th
ASIA IMPACT ASSESSMENT CONFERENCE
(AIC2021)



Organized by :
Korean Society of Environmental Impact Assessment
Korea Environment Institute

Supported by :
Korea Environmental Industry & Technology Institute

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December 4, 2021

Seoul, Korea

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**PROGRAM OF
THE 14th ASIA IMPACT ASSESSMENT CONFERENCE
(AIC2021)**

Seoul, Korea, December 4, 2021

13:00-13:30 Opening Plenary

<https://url.kr/7kj65q>
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Statement 1

Prof. Jongmin Oh
President of KSEIA, Korea

Statement 2

Sachihiko Harashina
President, Chiba University of Commerce, Japan

Statement 3

Prof. Wei LI
Beijing Normal University, China

Presentation Session

Session I:

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Chair: Prof. Renzhi Liu
Beijing Normal University

- 13:30-13:45 **Mainstreaming Environmental Impact Assessment into the Green one-belt-one-road Development**
Wei LI
Beijing Normal University, China
- 13:45-14:00 **Spatial Characteristics and Regional Transmission Analysis of PM_{2.5} Pollution in Northeast China, 2016-2020**
Fang Chunsheng, Wang Liyuan, and Wang Ju
Jilin University, China
- 14:00-14:15 **Current State of Heritage Impact Assessment (HIA) – Implementation under the World Heritage Convention**
Xingya YUAN, Masahito YOSHIDA
University of Tsukuba, Japan
- 14:15-14:30 **Comparative Study about the Fish Community Parameters Regarding their Biological Interactions in Different Large River Systems: Focused on the Isotopic Niche Space**
Hye-Ji Oh^{1*}, Yeon-Ji Chae¹, Kyung-Hoon Shin², Min-Ho Jang³, Hyun-Woo Kim⁴, Kwang-Hyeon Chang¹
¹*Kyung Hee University*, ²*Hanyang University*, ³*Kongju National University*, ⁴*Sunchon National University*, Korea
- 14:30-14:45 **Integrating Ecosystem Service Resilience into an Ecological Network Building-up in a Large-scale Urbanized Area at the Yangtze River Middle Reaches in China**
Zhouyangfan LU
Beijing Normal University, China
- 14:45-15:00 **Discussion**
- 15:00-15:15 **Intermission**

Session II:

<https://url.kr/9tgm6b>
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Chair: Prof. Akira Tanaka
Tokyo City University

- 13:30-13:45 **Sustainable Development and the Role of EIA**
Akira Tanaka
Tokyo City University, Japan
- 13:45-14:00 **Crucial Factors on Biodiversity Offsetting in Japan and the First Case of Biodiversity Bank Establishment in Japan**
Takafumi Kawamura, Akira Tanaka
Tokyo City University, Japan
- 14:00-14:15 **A Performance Evaluation based on Typical Cases of Environmental Impact Assessment of Watershed Development Plans in China**
Huang Rui, Li Wei
Beijing Normal University, China
- 14:15-14:30 **Developing HSI model of *Sasakia charonda***
Yuri Asami, Akira Tanaka
Tokyo City University, Japan
- 14:30-14:45 **Improving Integrated Environmental Zoning from the Perspective of Logic Scoring of Preference and Comparative Advantage**
Chaoxu Luan, Renzhi Liu
Beijing Normal University, China
- 14:45-15:00 **Discussion**
- 15:00-15:15 **Intermission**

Session III:

<https://url.kr/n45j9z>
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Chair: Sachihiko Harashina
President, Chiba University of Commerce

- 13:30-13:45 **Decarbonization from Universities**
Sachihiko Harashina
Chiba University of Commerce, Japan
- 13:45-14:00 **Water Quality Monitoring and Assessment in the Shibuyagawa and Furukawa River
in Tokyo, Japan**
Young-Sik Ham
Tokyo City University, Japan
- 14:00-14:15 **Simulation and Analysis of Sudden Water Pollution in Tongling Section of the Yangtze River**
Qi Yushun, Liu Renzhi
Beijing Normal University, China
- 14:15-14:30 **Establishment of Feedback System in Korean Ex-post EIA**
Sunmin Lee, YoungJoon Rhee, Kyung Yang, Kyung Ho Kim
Korea Environment Institute, Korea
- 14:30-14:45 **Discussion**
- 14:45-15:15 **Intermission**

Session IV:

<https://url.kr/7kj65q>
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Chair: Dr. YoungJoon Rhee
Korea Environment Institute

- 15:15-15:30 **A Study on No Net Loss Requirement in Corporate Environment Goals**
Asahi Abe, Akira Tanaka
Tokyo City University, Japan
- 15:30-15:45 **Review of Installation Status and Major Environmental Issues of Floating Photovoltaic Power Plants (FPVs)**
Jin Chul Joo¹, Jong-Min Oh²
¹Hanbat National University, ²Kyung Hee University, Korea
- 15:45-16:00 **Bibliometric Analysis of Global Research on Ecological Networks in Nature Conservation from 1990 to 2020**
Zhonggui LU¹, Wei LI^{1*}, Yidi WANG², Siyang ZHOU¹, Zhouyangfan LU²
¹Beijing Normal University, ²Peking University, China
- 16:00-16:15 **A Study on Origin and History of In-lieu Fee Programs in the United States**
Takeru Shiroki, Akira Tanaka
Tokyo City University, Japan
- 16:15-16:30 **Discussion**

Session V:

<https://url.kr/9tgm6b>
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Chair: Prof. Chunsheng Fang
Jilin University

- 15:15-15:30 **Study on the Biodiversity Requirements in the Environmental Impact Assessment Systems of Development Assistance Agencies**
Yuki Inoue, Akira Tanaka
Tokyo City University, Japan
- 15:30-15:45 **Driving Forces and Spatio-temporal Characteristics of Land Use Change in Urban Agglomerations of the Yellow River Basin**
Rongwu Yue, Wei Li
Beijing Normal University, China
- 15:45-16:00 **The Theory and Practice of Natural Resource Assets Accounting**
Chenxia Liang, Wei Li
Beijing Normal University, China
- 16:00-16:15 **Introduction to Climate Change Adaptation**
Young-Il Song
Korea Environment Institute, Korea
- 16:15-16:30 **Discussion**

Session VI:

<https://url.kr/n45j9z>
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Chair: Dr. Sang Hee Lee
National Institute of Environmental Research

- 15:15-15:30 **A Comparative Study on Biodiversity Offsets in Airport Development Projects**
Keisuke Goto, Akira Tanaka
Tokyo City University, Japan
- 15:30-15:45 **Ecological Network Identification and Construction for the Guanzhong Plain Urban Agglomeration in the Yellow River**
Yushuang GENG
Beijing Normal University, China
- 15:45-16:00 **A Study on the Latest Trends of Biodiversity Offset Requirements in Environmental Impact Assessment Regulations in East Asia**
Jun Chin, Asahi Abe, Yuki Inoue, Akira Tanaka
Tokyo City University, Japan
- 16:00-16:15 **Life Cycle Carbon Footprint Analysis on the Process of Beef Production**
Minghui Huang, Wei Li
Beijing Normal University, China
- 16:15-16:30 **A Suitability Analysis for Urban Green Areas in Harbin, China**
Xiran Xu, Jin-Oh Kim
Kyung Hee University, Korea
- 16:30-16:45 **Discussion**
- 16:45-17:00 **Closing Remark**

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Dr. Youngsoo Lee
Vice President, Korea Environment Institute, Korea

Prof. Akira Tanaka
Tokyo City University, Japan