

Thu. Sep 5, 2019

Hall A

Public Symposium

**[5-1350-A] Public Symposium**

Robust Agricultural and Food Production  
for SDGs (Sustainable Development  
Goals)

Chair: Hiroshi Shimizu, (Kyoto University), Eriko  
Yasunaga(University of Tokyo, Japan), Yukiharu Ogawa(Chiba  
University, Japan), Shuso Kawamura(Hokkaido University, Japan),  
Naoshi Kondo(Kyoto University, Japan)  
1:50 PM - 5:20 PM Hall A (Main Hall)

**[5-1350-A-OR] Opening Remark**

Mayumi Ishizuka (Council Member of Science  
Council of Japan (SCJ), Hokkaido University)  
1:50 PM - 2:00 PM

**[5-1350-A-01] Approach Toward SDGs by Science**

**Council of Japan**

\*Miyoko Watanabe<sup>1,2</sup> (1. Science Council of  
Japan(Japan), 2. Japan Science and Technology  
Agency(Japan))  
2:00 PM - 2:40 PM

**[5-1350-A-02] The Role of Engineering in Transforming  
Agriculture for Economic Development –  
An International Perspective**

\*Umezuruike Linus Opara<sup>1</sup> (1. Stellenbosch  
University(South Africa))  
2:40 PM - 3:20 PM

**[5-1350-A-03] The Food and Agriculture Organization of  
the United Nations (FAO) and World Food  
Security - Targeting Food Loss and Waste**

\*Charles Boliko<sup>1</sup> (1. Food and Agriculture  
Organization of the United Nations(Japan))  
3:40 PM - 4:20 PM

**[5-1350-A-04] Community-Based Digital Farming  
Approaches**

\*Sakae Shibusawa<sup>1</sup> (1. Tokyo University of  
Agriculture and Technology(Japan))  
4:20 PM - 5:00 PM

**[5-1350-A-CR] Closing remark**

Announcement of The XX CIGR World  
Congress 2022 in Kyoto  
Noboru Noguchi (Member of SCJ, Hokkaido  
University)  
5:00 PM - 5:20 PM

**[5-1350-A] Public Symposium****Robust Agricultural and Food Production for SDGs  
(Sustainable Development Goals)**

Chair: Hiroshi Shimizu, (Kyoto University), Eriko Yasunaga(University of Tokyo, Japan), Yuki Haru Ogawa(Chiba University, Japan), Shuso Kawamura(Hokkaido University, Japan), Naoshi Kondo(Kyoto University, Japan)

Thu. Sep 5, 2019 1:50 PM - 5:20 PM Hall A (Main Hall)

**[5-1350-A-OR] Opening Remark**

Mayumi Ishizuka (Council Member of Science Council of Japan (SCJ), Hokkaido University)

1:50 PM - 2:00 PM

**[5-1350-A-01] Approach Toward SDGs by Science Council of Japan**

\*Miyoko Watanabe<sup>1,2</sup> (1. Science Council of Japan(Japan), 2. Japan Science and Technology Agency(Japan))

2:00 PM - 2:40 PM

**[5-1350-A-02] The Role of Engineering in Transforming Agriculture for Economic Development – An International Perspective**

\*Umezuruike Linus Opara<sup>1</sup> (1. Stellenbosch University(South Africa))

2:40 PM - 3:20 PM

**[5-1350-A-03] The Food and Agriculture Organization of the United Nations (FAO) and World Food Security - Targeting Food Loss and Waste**

\*Charles Boliko<sup>1</sup> (1. Food and Agriculture Organization of the United Nations(Japan))

3:40 PM - 4:20 PM

**[5-1350-A-04] Community-Based Digital Farming Approaches**

\*Sakae Shibusawa<sup>1</sup> (1. Tokyo University of Agriculture and Technology(Japan))

4:20 PM - 5:00 PM

**[5-1350-A-CR] Closing remark**

Announcement of The XX CIGR World Congress 2022 in Kyoto

Noboru Noguchi (Member of SCJ, Hokkaido University)

5:00 PM - 5:20 PM

---

1:50 PM - 2:00 PM (Thu. Sep 5, 2019 1:50 PM - 5:20 PM Hall A)

**[5-1350-A-OR] Opening Remark**

Mayumi Ishizuka (Council Member of Science Council of Japan (SCJ), Hokkaido University)

---

2:00 PM - 2:40 PM (Thu. Sep 5, 2019 1:50 PM - 5:20 PM Hall A)

**[5-1350-A-01] Approach Toward SDGs by Science Council of Japan**

\*Miyoko Watanabe<sup>1,2</sup> (1. Science Council of Japan(Japan), 2. Japan Science and Technology Agency(Japan))

---

2:40 PM - 3:20 PM (Thu. Sep 5, 2019 1:50 PM - 5:20 PM Hall A)

**[5-1350-A-02] The Role of Engineering in Transforming Agriculture for Economic Development – An International Perspective**

\*Umezuruike Linus Opara<sup>1</sup> (1. Stellenbosch University(South Africa))

---

3:40 PM - 4:20 PM (Thu. Sep 5, 2019 1:50 PM - 5:20 PM Hall A)

**[5-1350-A-03] The Food and Agriculture Organization of the United Nations (FAO) and World Food Security - Targeting Food Loss and Waste**

\*Charles Boliko<sup>1</sup> (1. Food and Agriculture Organization of the United Nations(Japan))

---

4:20 PM - 5:00 PM (Thu. Sep 5, 2019 1:50 PM - 5:20 PM Hall A)

**[5-1350-A-04] Community-Based Digital Farming Approaches**

\*Sakae Shibusawa<sup>1</sup> (1. Tokyo University of Agriculture and Technology(Japan))

---

5:00 PM - 5:20 PM (Thu. Sep 5, 2019 1:50 PM - 5:20 PM Hall A)

**[5-1350-A-CR] Closing remark**

**Announcement of The XX CIGR World Congress 2022 in Kyoto**

Noboru Noguchi (Member of SCJ, Hokkaido University)