

Partner Events of EcoBalance 2022

Critical minerals for carbon-neutrality and circular economy

Critical minerals, such as rare earths, cobalt, lithium, nickel, copper, and aluminium, are used for advanced applications, which related to renewable energy and generally face supply risks and vulnerability of the supply chain because of minor and biased occurrence in the world. Therefore, maintaining a circular flow of the critical minerals is expected to achieve a circular economy and sometimes national security. This event, as a support event of EcoBalance 2022, provides the latest related research, standardization and rulemaking situation about a criticality assessment, traceability system for carbon footprint, and established value networks.

Date/ Time

November 3, 2022
13:30-16:30 (JST:UMT+9)

Language : English

This event is held online and onsite. Participation of general registrants can select onsite or via Zoom webinar. (the link for participation will be sent later in advance to the event)

Venue

**Fukuoka International Congress Center,
Fukuoka, Japan**

(2-1, Sekijo-machi, Hakata-ku, Fukuoka City 812-0032, JAPAN)

Opening Remark

13:30- 13:35

Kotaro Shimizu

Vice president, Rare Earth Industry Association (REIA) / Director, Circular Economy Association / Chief analyst, Mitsubishi UFJ R&C (MURC)



Kotaro Shimizu

Keynote Lecture

13:35- 14:00

Roderick G. Eggert

Professor of Economics and Business and Coulter Foundation Chair in Mineral Economics, Colorado School of Mines / Deputy Director, Critical Materials Institute



Roderick G. Eggert



Guido Sonnemann

“Critical materials, the circular economy and carbon neutrality: framing the discussion”

Discussion- Expected circular business ecosystem from the critical minerals' aspect

14:00- 15:00

Moderator: Guido Sonnemann (University of Bordeaux)

Panelists: Roderick Eggert, Alessandra Hool, Shinsuke Murakami, Keld F. Rasmussen (Grundfos Holding), Kotaro Shimizu



Keld F. Rasmussen



Alessandra Hool

Coffee Break and Networking

15:00- 15:25

Special Lecture

15:25- 16:25

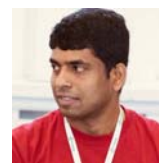
Alessandra Hool (15:25- 15:45)

International Round Table on Materials Criticality (IRTC)

“Critical raw materials and their circular management - an international perspective”



Shinsuke Murakami



Badrinath Veluri

Shinsuke Murakami (15:45- 16:05)

Chair, Committee of Comprehensive resource use system, the Mining and Materials Processing Institute of Japan (MMIJ) / Professor, Dept. of Tech. Mgnt. for Innovation, Grad. Sch. of Eng., the University of Tokyo

“Criticality assessment of mineral resources for the Japanese economy”

Badrinath Veluri (16:05- 16:25)

President, Rare Earth Industry Association (REIA), Grundfos

“A Circular System for Assessing Rare Earth Sustainability” (tentative)

Closing Remark

16:25- 16:30

Shinsuke Murakami

Contact

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