

International Symposium for Global Sanitation

The Sanitation Triangle:

Socio-Culture,

Health,

Materials

October 14, 2021

13:00–17:00 (JST)

Online (Zoom)

Language: English

***Pre-registration is required**

Keynote Speaker

Naoyuki FUNAMIZU (Muroran Institute of Technology)
Sanitation as a Value Creating System

Commentators

Paul SHRIVASTAVA (The Pennsylvania State University, USA)
Tetsu SATO (Ehime University)

Sanitation refers to a system that hygienically separates humans from harmful excreta and promotes its safe treatment and disposal. To date, sanitation issues have been focused on infrastructure and facility installation, environmental conservation for alleviation of water and soil contamination, and adverse health outcomes linked to unimproved sanitation. However, sanitation goes beyond technology, encompassing values spawned amidst humans and local communities, which can fall into the nexus of three components: Health, Materials, and Socio-Culture. Our observations of this nexus led to the creation of the Sanitation Triangle concept.

This symposium brings this novel concept which is the culmination of our international research addressing global sanitation. We deliver each component of the Sanitation Triangle above, which comprises concepts and case studies. Notably, it showcases interdisciplinary and transdisciplinary research works involving a variety of local actors ranging from children and youth to local governments.

Now, it is time to grab the Sanitation Triangle and embark on an enlightened quest through global sanitation.

Taro Yamauchi (RIHN/Hokkaido University, Sanitation Project Leader)

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Pre-registration: <https://forms.gle/muhg53GYjQtjtMTJ7>

We'll be sending more information and the Zoom address closer to the date.



Contact: Sanitation Project, RIHN E-mail: [sanitation_HQ \[at\] chikyu.ac.jp](mailto:sanitation_HQ@chikyu.ac.jp)

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Welcome Address Juichi YAMAGIWA (RIHN, Director-General)

Opening Remarks Taro YAMAUCHI (RIHN/Hokkaido University)

13:10–13:50 Keynote Address

Sanitation as a Value Creating System

Naoyuki FUNAMIZU (Muran Institute of Technology)

13:55–16:55 The Sanitation Triangle

Introduction The Sanitation Triangle for SDGs and beyond
Taro YAMAUCHI (RIHN/Hokkaido University)

Socio-Culture Socio-Cultural Aspects of Sanitation
Seiji NAKAO (Kyoto University)
Dissociation between National Policy and Local Communities
in regard to Water Supply Management
Mayu IKEMI (Sapporo International University)

Health Sociocultural Determinants of Health in Water, Sanitation and Hygiene
Taro YAMAUCHI
Participatory Action Research for WASH with Children and Youth
in Peri-Urban Communities
Sikopo NYAMBE (Hokkaido University)

Materials Interactions between Materials and Socio-Culture in Sanitation
Hidenori HARADA (Kyoto University)
Social Relationships and Material Flow in the Co-Creation of Sanitation Systems
Ken USHIJIMA (Hokkaido Research Organization)

Comments Paul SHRIVASTAVA (The Pennsylvania State University, USA)
Tetsu SATO (Ehime University)

Discussion

Closing Remarks Taro YAMAUCHI

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"The Sanitation Value Chain: Designing Sanitation Systems as Eco-Community-Value System" Project, Research Institute for Humanity and Nature (RIHN)

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