

“Urban Nexus; Harnessing Science, Technology and Innovation for Sustainable Urban Cities”

2018.02.17 4:00 p.m.-5:00 p.m.

at 2018 AAAS Annual Meeting in Austin



科学技術振興機構



Japan Science and Technology Agency

UN Sustainable Development Goals (SDGs)

- United Nations Sustainable Development Goals (SDGs), unanimously adopted in 2015, consist of 17 goals and 169 targets, expected to be solved to 2030.
- SDGs are sets of important global issues common to all the people and countries around the world.
- Goals and targets interlink and many trades off and synergies may happen.
- Science, technology and Innovation are expected to play crucial roles in SDGs.



SDGs and Cities

- SDG11 focus on cities.
- In 2050, >70% of world population will live in cities.
- Especially, urban issues are related to other SDGs strongly. For example, food (SDG2), water (SDG6) and energy (SDG7) have interlinkage with cities (Urban nexus).
- ICSU analyzed the specific relation of health (SDG3) and consumption & production (SDG14) with cities.
- It is scheduled to SDG 11 in the 3rd UN STI Forum in June 5th and 6th 2018.
- Discussion on STI for SDGs are in process and SDGs11 will be one of the targets to be dealt.



Expected Outcome Today and Next Step

●Expected Outcome

1. Deepening the understanding on the “Urban Nexus”
2. Suggestions to SDG11 implementation

●Next Step

1. Outcomes will be shared in process of development of roadmaps
2. Integrated findings with road maps will be introduced in UN Multi-stakeholder Forum on STI for SDGs in early June

Agenda of Today' s Session

1. Introduction
2. Presentation from the panelists(10 min. each)
 - Dr. Alan Belward(JRC/EU)
 - Prof. Petros Sofronis(WPI-I2CNER/Kyushu University and University of Illinois)
 - Mr. Ryo Nakajima(Toshiba Corp., Japan)
3. Comment (few min.)
 - Dr. Vaughan Turekian(National Academies of Sciences, Engineering, and Medicine, U.S.A.)
4. Discussion between the panelists and the floor
5. Wrap up