

Science & society policies, initiatives and contributions to science for global well-being

December 3, 2020



Japan Science and Technology Agency

Department for Promotion of 'Science in Society'

Outline

- Background and policy
- JST activities on Science in Society
- Collaboration opportunities: Science Agora



Budapest Declaration 1999 & SDGs 2015

Budapest Declaration 1999 adopted by the World Conference on Science

Science for knowledge; knowledge for progress

Science for peace

Science for development

Science in society and for society

- the welfare of humankind
- ethical issues
- social responsibility of scientists

Sustainable Development Goals (SDGs) 2015

adopted at the UN Sustainable Development Summit



Development of activities on Science Communication (Science in Society) in Japan's S&T Basic Plan

1st 1996-2001: 理解増進 Public understanding

2nd 2001-2006: 双方向 Interactive

3rd 2006-2011: 対話 Dialogue

4th 2011-2016: 参加 Participation

5th 2016-2021: 共創 Co-creation

JST activities for Science in Society

Organization

2005: “RISTEX”

Research Institute of Science and Technology for Society

社会技術研究開発センター

2018: “Department for Promotion of Science in Society”

「科学と社会」推進部

2018: “Office of STI for SDGs”

持続可能な社会推進室

JST activities for Science in Society

Research Programs

2009: “A-STEP”

Technology transfer

2013: “Center of Innovation (COI)”

Industry-academia collaboration

2017: “JST-Mirai Program”

Solution-driven; open call for
research themes

2019: “SOLVE for SDGs”

Support for co-creation activities

2019: “Moonshot R&D”

Long term vision to create world-
changing innovation

What's the Dept. for promotion of 'Science in Society'?

Center for Science Communication

reformed in 2018

Promote concrete activities to realize 'Science in Society' beyond just communication!

Dept. for promotion of 'Science in Society'

Main Activities:

1. Science open forum 'SCIENCE AGORA' & satellite events
2. Support for co-creation activities to address local issues
3. Alliance for co-designing the sustainable future society ('CHANCE' Initiative) *CHANCE : CHallenge-driven Convergence Engine
4. Science media ('Science Portal' & 'Science Window')

Science Agora

- ❑ **Science open forum for Science in Society**
academia, private sectors, media and citizens
- ❑ **Recent initiatives**
Sustainable Development Goals (SDGs)
Co-creation
- ❑ **Science Agora Satellite events**
Univs. & local governments

Quick facts about Science Agora 2020

Date :

<Pre-Agora> November 13 – 14, 2020

<Science Agora> November 15 – 22, 2020

Venue : Online

Theme : “Life”



Results :

Number of real-time participants : 5,225

(Zoom 2,495/ YouTube 2,730)

Total views on YouTube : 30,830 (as of Nov. 24)

Number of programs : over 100

Sponsors : 6 (Asahi Kasei, Elsevier Japan, Gakken, IBM Japan, NEC, NTT)

Global Partners : AAAS, EuroScience, CAST, DSI South Africa, KOFAC

Collaboration opportunities: how to apply?

Start call for proposals	1st (Wed) July, 2020
Deadline for proposals submission	2nd (Sun) August, 2020
Selection	In August
Decision announced	The end of August
Online program released	Late September
Organizer's manual and online briefing released	Late September
Science Agora 2020 held online	15th (Sun) ~ 22th (Sun) November, 2020

For more details, please visit: <https://www.jst.go.jp/sis/scienceagora/en/exhibitor/entry/>

Embassy collaboration at Science Agora 2020

<Live online sessions>

CYBATHLON 2020 Global Edition (Tokyo Hub)

Embassy of Switzerland in Japan + JST

Lets Think about Life with the European and Japanese Scientists <in Japanese>

The Delegation of the European Union to Japan

<On-demand video>

Math behind Rubik's Cube - Using maths to solve Rubik's Cube Experience Workshop

Kristof FENYVESI Ph.D. and Embassy of Hungary in Japan



For more details, please visit: <https://www.jst.go.jp/sis/scienceagora/en/exhibition/program/>

Participation in overseas open forums

- The 9th World Science Forum (WSF) (November 20-23, 2019, Budapest)
- Euro Science Open Forum (ESOF) 2020 (September 2-6, 2020, Trieste Online)
- Science Agora 2020 (November 15-22, 2020, Tokyo Online)
- 2020 World Conference on Science Literacy (December 8, 2020, Beijing Online)
- Science Forum South Africa (SFSA) 2020 (December 9-11, 2020 SA Online)
- AAAS 2021 Annual Meeting (February 8-11, 2021, Online)

Science Agora 2020 International Session

The Role of the Scientific Community in Disaster Response - Lessons learned from the COVID-19 Pandemic

Panelists:

- Anne Cambon-Thomsen (France)
- Koji Saeki (JST)
- Jemilah Mahmood (Malaysia)
- Daan Du Toit (South Africa)

Commentators:

- David Budtz Pedersen (Denmark)
- Connie Nshemereirwe (Uganda)
- Yasuo Deguchi (Kyoto University)

Moderator: -Miyoko Watanabe (JST)



<https://youtu.be/tUv6aHLxmCA>

Thank you !

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