

62 Members of Japan Academic Network for Disaster Reduction (including associations of societies, a total of 171 academic societies)

Volunteer members of Science Council of Japan	日本学術会議会員・連携会員
Architectural Institute of Japan	日本建築学会
Association for Children's Environment	こども環境学会
Atomic Energy Society of Japan	日本原子力学会
Geographic Information Systems Association of Japan	地理情報システム学会
Geological Society of Japan	日本地質学会
Institute of Social Safety Science	地域安全学会
Japan Association for Earthquake Engineering	日本地震工学会
Japan Association for Fire Science and Engineering	日本火災学会
Japan Association for Planning and Public Management	日本計画行政学会
Japan Association for Quaternary Research	日本第四紀学会
Japan Association for Wind Engineering	日本風工学会
Japan Association of Nursing Academies	日本看護系学会協議会
Japan Cartographers Association	日本地図学会
Japan Concrete Institute	日本コンクリート工学会
Japan Emergency Management Association	日本自治体危機管理学会
Japan Geoscience Union	日本地球惑星科学連合
Japan Society for Disaster Information Studies	日本災害情報学会
Japan Society for Disaster Recovery and Revitalization	日本災害復興学会
Japan Society for Natural Disaster Science	日本自然災害学会
Japan Society for Safety Engineering	安全工学会
Japan Society of Civil Engineers	土木学会
Japan Society of Dam Engineers	ダム工学会
Japan Society of Disaster Nursing	日本災害看護学会
Japan Society of Engineering Geology	日本応用地質学会
Japan Society of Erosion Control Engineering	砂防学会
Japan Society of Hydrology and Water Resources	水文・水資源学会
Japan Society of Material Cycles and Waste Management	廃棄物資源循環学会
Japan Society on Water Environment	日本水環境学会
Japan Structural Consultants Association	日本建築構造技術者協会
Japanese Association for Acute Medicine	日本救急医学会
Japanese Association for Disaster Medicine	日本災害医学会
Japanese Geomorphological Union	日本地形学連合
Japanese Institute of Landscape Architecture	日本造園学会
Japanese Society of Public Health	日本公衆衛生学会
Palaeontological Society of Japan	日本古生物学会
The Association of Japanese Geographers	日本地理学会
The Association of Rural Planning	農村計画学会
The City Planning Institute of Japan	日本都市計画学会
The Japan Association for Regional Economic Studies	日本地域経済学会
The Japan Landslide Society	日本地すべり学会
The Japan Petroleum Institute	石油学会
The Japan Society for Aeronautical and Space Sciences	日本航空宇宙学会
The Japan Society of Mechanical Engineers	日本機械学会
The Japan Society of Seismic Isolation	日本免震構造協会
The Japan Sociological Society	日本社会学会
The Japanese Association of Safety Education	日本安全教育学会
The Japanese Forest Society	日本森林学会
The Japanese Geotechnical Society	地盤工学会
The Japanese Society for Active Fault Studies	日本活断層学会
The Japanese Society of Irrigation, Drainage and Rural Engineering	農業農村工学会
The Japanese Society of Revegetation Technology	日本緑化工学会
The Meteorological Society of Japan	日本気象学会
The Oceanographic Society of Japan	日本海洋学会
The Remote Sensing Society of Japan	日本リモートセンシング学会
The Robotics Society of Japan	日本ロボット学会
The Seismological Society of Japan	日本地震学会
The Society of Environmental Instrumentation Control and Automation	環境システム計測制御学会
The Society of Heating, Air-Conditioning and Sanitary Engineers of Japan	空調調和・衛生工学会
The Society of Instrument and Control Engineers	計測自動制御学会
The Volcanological Society of Japan	日本火山学会
Tokyo Society of Architects & Building Engineers	東京建築士会
Transdisciplinary Federation of Science and Technology	横断型基幹科学技術研究団体連合

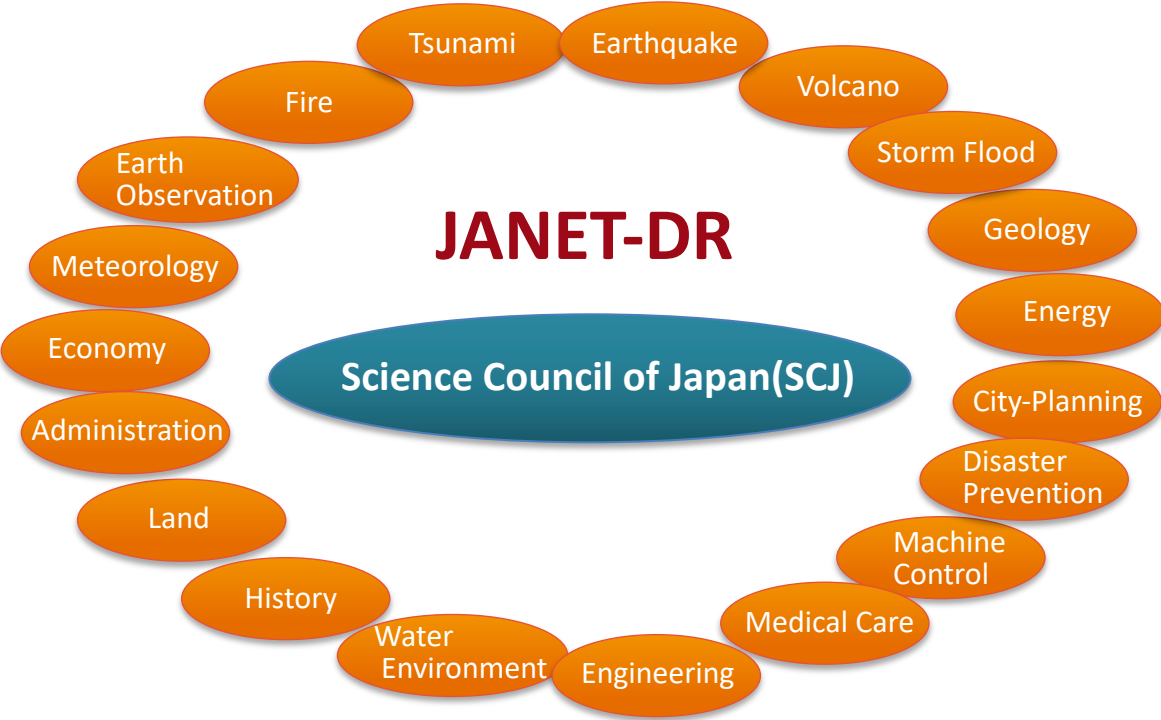
Organization : General Incorporated Association - Japan Academic Network for Disaster Reduction
Organization Representative Directors : Akinori Morimoto and Masako Yoneda
Deputy Directors: Kimiro Meguro and Ryosuke Uzuoka
Executive Directors : Akira Wada
Managing Directors : Kazuo Tamura
Directors : Akiko Sakai, Fumitoshi Matsuno, Hisashi Nakamura, Junji Miwa, Kayoko Yamamoto, Masayuki Nagano, Naoshi Hirata, Shinichi Matsushima, Toshihiko Hashida, Toshiko Yoshida, Toshimitsu Komatsu, Yasuhiro Otomo, Yukihiro Takahashi
Steering Committee : 171 members which consist of two committee members from each academic society & 30 members
Homepage: <https://janet-dr.com/>
Contact to : info@janet-dr.com

General Incorporated Association Japan Academic Network for Disaster Reduction

Network of academic societies related to
disaster prevention and mitigation, and disaster recovery
in cooperation with Science Council of Japan

<https://janet-dr.com/> : Japan academic comprehensive portal site of disaster reduction

- ◆ Academic societies relevant to natural hazards and disaster reduction gathered and established Japan Academic Network for Disaster Reduction.
- ◆ When large disaster occurs, this network works as emergency contact network between academies, government and society.
- ◆ This network aims for promoting interdisciplinary cooperation for disaster reduction and disaster restoration.



Representatives of Academic Societies and members of Science Council of Japan, 2023

Natural hazards become harder, such as earthquakes, volcanoes, heavy rains and typhoons. Now, we must prepare for next catastrophes !

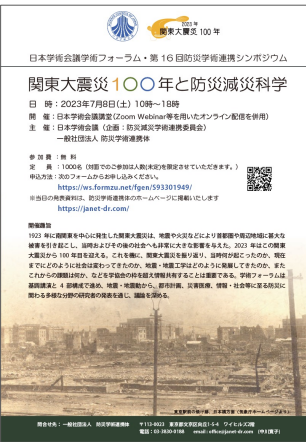
Seismic activity of the Japanese archipelago is activated, Nankai Trough and Tokyo Metropolitan Inland Earthquakes are feared. In global climate change, there is a tendency that disasters occur more severely and more frequently in the world.

[Activities]

① Annual Symposium with all academic societies of the network and occasional workshops



SCJ Symposium on climate changes and disaster mitigation (11 April 2023)



SCJ Forum on 100 years from Kanto Great Earthquake (8 July 2023)

② When large disaster occurs, JANET-DR & SCJ collaborate with academic societies, government and local governments, and disseminate information.

The Kumamoto earthquake happened on 14 and 16 April 2016. SCJ and JANET-DR worked well for promoting interdisciplinary collaboration and social implementation of research.

- 18 April 2016, Joint press conference.
- 02 May 2016, "Urgent report meeting"
- 16 July 2016, "Three-month report meeting"
- 15 April 2017, "One-year report meeting" in Kumamoto Prefectural Office



"Kumamoto earthquake/ One-year report meeting" in Kumamoto Prefectural Office on 15 April 2017

Torrents of rainfall and flooding battered a widespread area in western Japan in early July 2018 called "The Heavy Rain Event of July 2018". The rainfall reached 1025 mm in 48 hours at one location and exceeded over 300 mm at many locations. More than 230 people caught in flood and landslide died or missed.

JANET-DR had a quick meeting for researchers on July 16 and announced "messages for people and society for caring against heavy rains" with Council Members of Science Council of Japan on July 22.



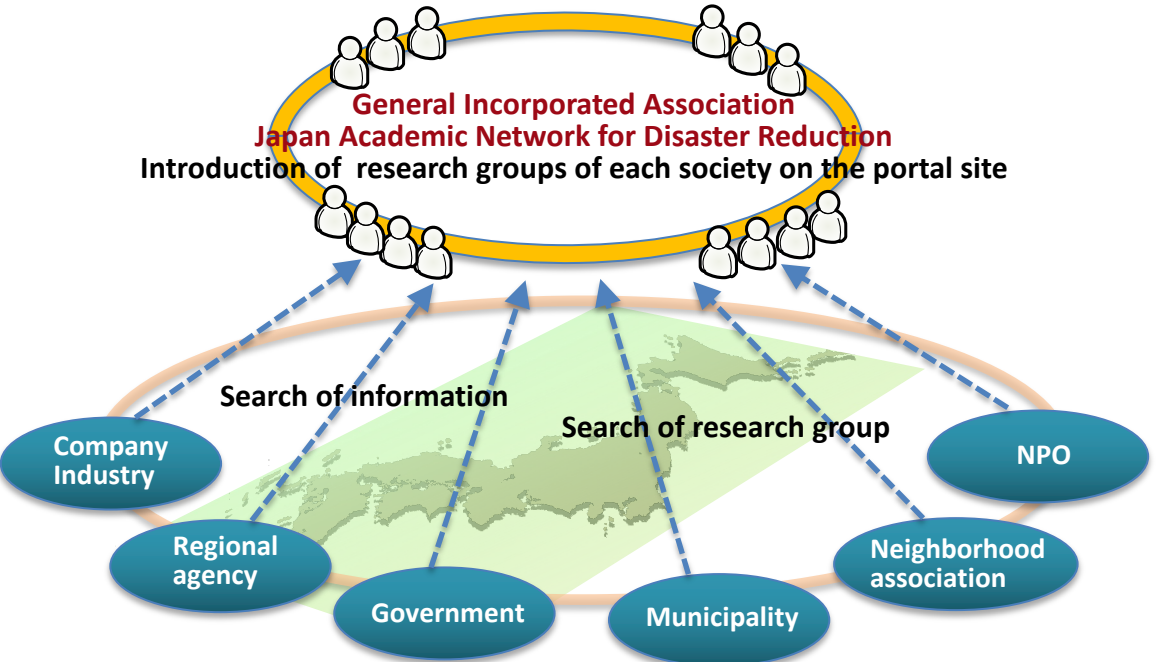
More than 40 reporters of major newspapers and magazines and NHK TV gathered to the announcement meeting

Interdisciplinary cooperation among academic societies



For prevention and mitigation of disasters, many research fields are involved, such as earth observation, meteorology, earthquake, tsunami, oceanography, engineering, history, disaster prevention planning and emergency medical care. In academic world, specialization has been progressed and integration has been weakened. For protecting people's lives and the land from natural disasters, we need comprehensive platform beyond the boundaries. This network aims to deepen mutual understanding across different expertise.

③ Academic comprehensive portal site of disaster reduction including all academies' news, reports, calendar and introduction of disaster-related research groups.



[History of establishment, Relationship with Science Council of Japan(SCJ)]

Great East Japan Earthquake occurred in March 11, 2011. The earthquake was exceeded our expectations and our science and engineering were not enough. After the Earthquake, the members of Science Council of Japan became founders and 24 academic societies (later 30) relevant to disaster management gathered and established "Academic Society Liaison Association Corresponding to the Great East Japan Earthquake " in May 2011. On July 2015, Science Council of Japan established new committee for promoting interdisciplinary cooperation of disaster reduction and disaster restoration and strengthened to help our activities. As the successor of this association, we established "Japan Academic Network for Disaster Reduction" on January 9th, 2016. This network targets not only earthquake disasters but also natural disasters in general. Science Council of Japan and Japan Academic Network for Disaster Reduction will collaborate across academies to promote multidisciplinary research for disaster reduction in the world.