

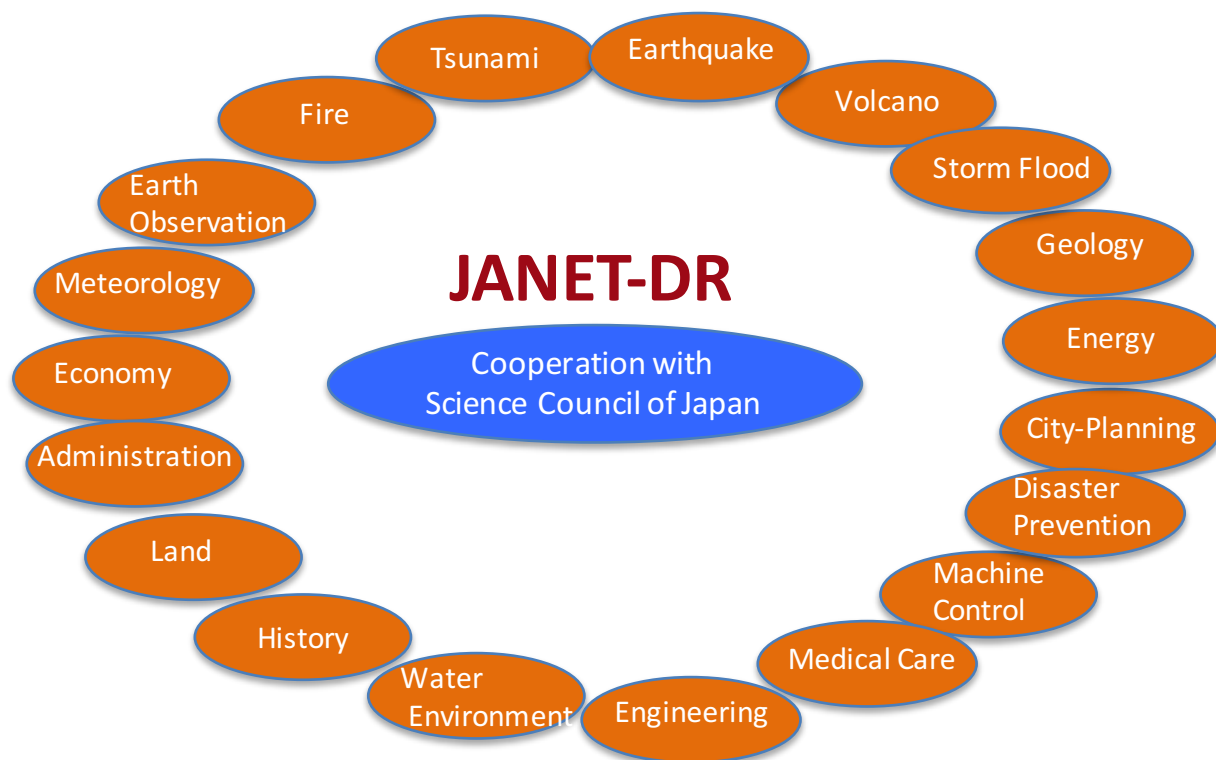
# Japan Academic Network for Disaster Reduction

From May 2011 to December 2015, we had worked as 'Academic Society Liaison Association Corresponding to the Great East Japan Earthquake'. We established 'Japan Academic Network for Disaster Reduction' on January 9, 2016.

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

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

- ◆ Academic societies relevant to disaster management 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.

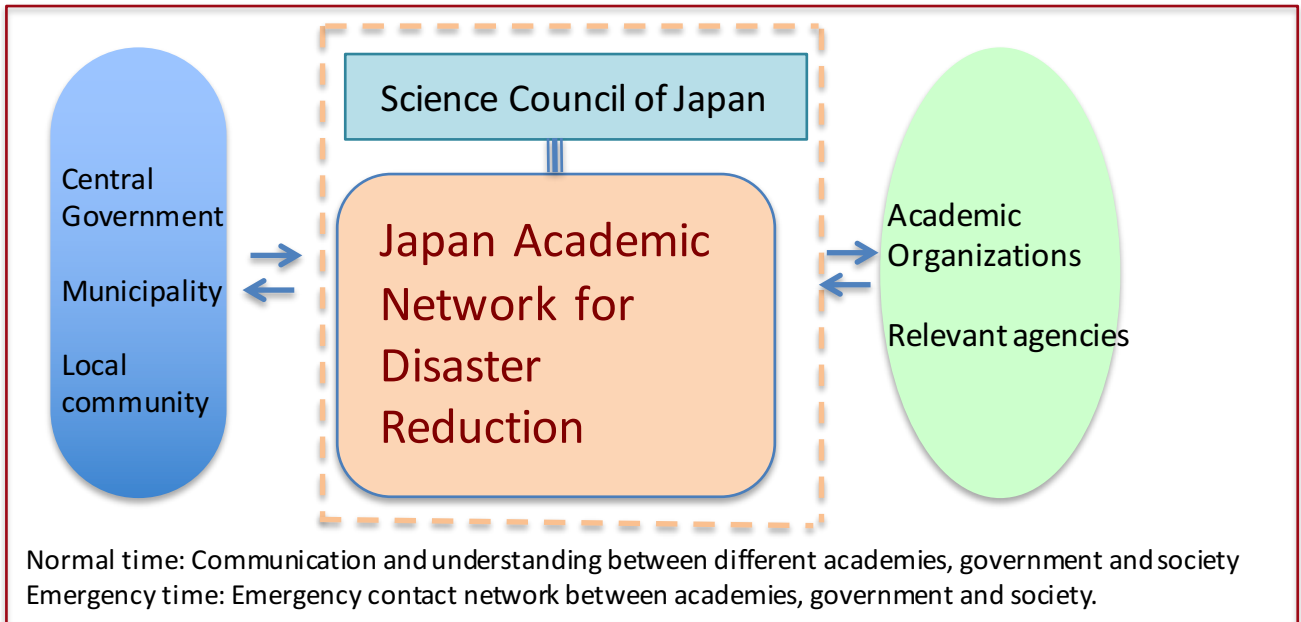


Representatives of 47 Academic Societies and members of Science Council of Japan, January 9, 2016

**Disaster external force increases, 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 severer and more frequently in the world.

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.



**[Activities]**

- ① Annual Symposium with all academic societies of the network and occasional workshops
- ② Academic comprehensive portal site of disaster reduction including all academies' news, reports and calendar.

**[Activities record]** (We worked as 30 Academic Society Liaison Association)

We held 11 serial symposiums of 'How to protect people's lives and national land from huge disasters' from November 2011 to January 2016. Based on these activities, we presented Joint Statement of 30 Academic Societies "Proposal for Revision of Japanese Disaster Prevention and Reduction Policies" on May 10, 2012. We also published a special feature in "Trends in the Sciences" March 2013.

In the 10th symposium, we declared "Joint Statement of 30 Disaster-Related Academic Societies of Japan, Global sharing of the findings from the Past Great Earthquake Disasters in Japan", and published the booklet of 30 academic societies' international activities and initiatives against the great earthquakes.

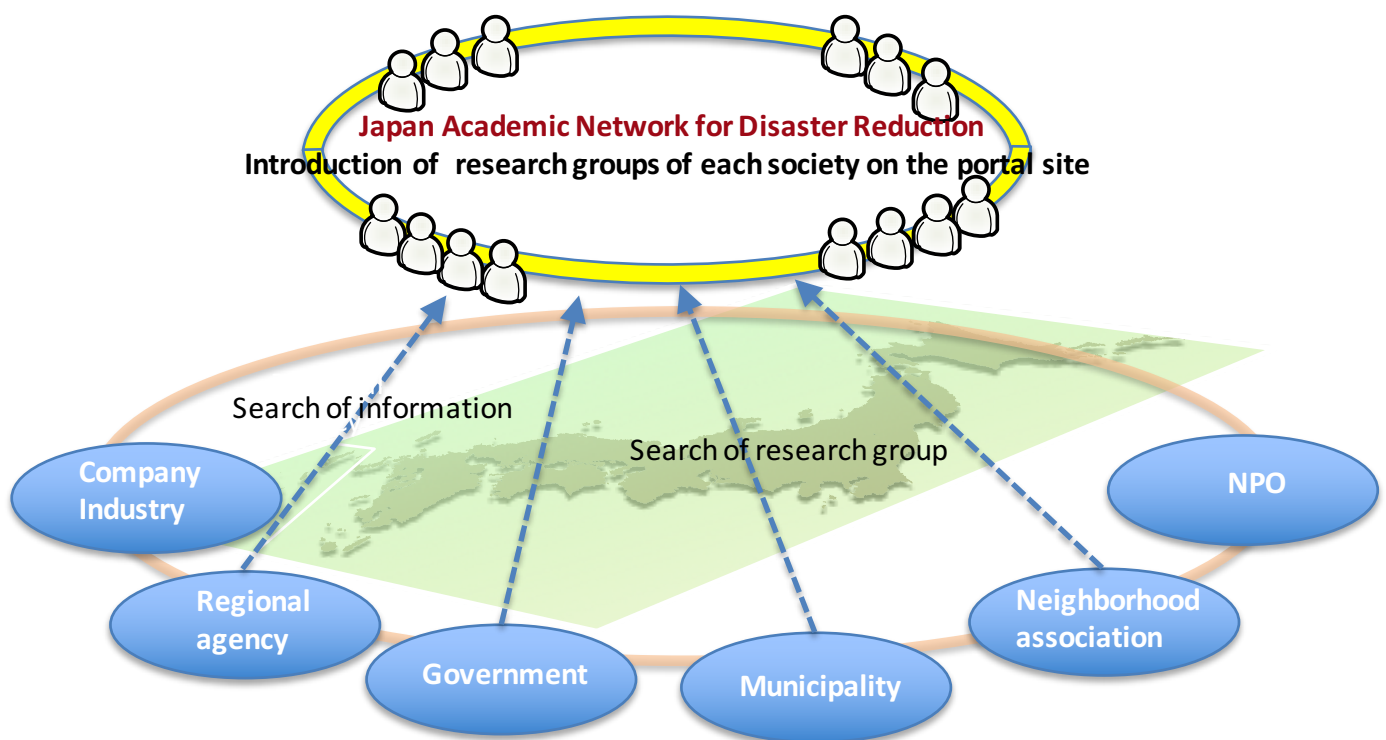


The forum of 'Establishment of Japan Academic Network for Disaster Reduction' on January 9, 2016

**The themes of Serial symposiums :**

- 1 : Prediction of earthquake and tsunami hazards for disaster reduction, December 2011
- 2 : For the next national land policy on the premise of great disasters, January 2012
- 3 : How to realize a disaster mitigation society, February 2012
- 4 : Preparedness for the next mega-quake, May 2012
- 5 : Direction of regional and urban planning after the big earthquake , June 2012
- 6 : How to re-create the energy policy from the accident of the nuclear power station, July 2012
- 7 : A New approach for making a resilient homeland after the Great East Japan earthquake, August 2012
- 8 : All-inclusive forum and prospective society collaboration, November 2012
- 9 : How should academic societies face the Nankai Trough earthquake? , December 2013
- 10: Global sharing of the findings from the past great earthquake disasters in Japan, November 2014
- 11: Establishment of Japan Academic Network for Disaster Reduction, as the successor of Academic Society Liaison Association, January 2016

- ③ **When large disaster occurs, this network works as emergency contact network between academies, government and society.**
- ④ **Introduction of disaster-related research groups of each society on the portal site**



**[History of establishment, Relationship with Science Council of Japan]**

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 earthquakes 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.



# Members of Japan Academic Network for Disaster Reduction

## Volunteer members of Science Council for 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 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	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 Disaster Nursing	日本災害看護学会
Japan Society of Engineering Geology	日本応用地質学
Japan Society of Erosion Control Engineering	砂防学会
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
Japanese Association for Acute Medicine	日本救急医学会
Japanese Association for Disaster Medicine	日本集団災害医学会
Japanese Institute of Landscape Architecture	日本造園学会
Palaeontological Society of Japan	日本古生物学会
The Association of Japanese Geographers	日本地理学会
The 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 Society of Mechanical Engineers	日本機械学会
The Japan Sociological Society	日本社会学会
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 Meteorological Society of Japan	日本気象学会
The Oceanographic Society of Japan	日本海洋学会
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
Transdisciplinary Federation of Science and Technology	横断型基幹科学技術研究団体連合

### Organization

Representative Directors: Akira Wada, Noriaki Hirose

Deputy Directors: Teruhiko Yoda, Koji Tokimatsu

Directors: Yasushi Asami, Yuichi Koido, Toshimitsu Komatsu, Kazuo Takahashi, Yukihiro Takahashi, Kazuo Tamura, Yukihiro Tsukada, Ikuro Tohata, Hironori Hudeyasu, Kimiro Meguro, Kayoko Yamamoto, Masako Yoneda

Auditor: Hiroshi Yoshino

Managing Director: Masako Yoneda, Yukihiro Tsukada

Steering Committee: 96 members which consist of two committee members from each academic society & 20 members from Science Council of Japan

**Secretariat:** Japan Society of Civil Engineering, Yoshihiro Katsuhama TEL +81-3-3355-3435

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