Members of SCJ and 56 academic societies proceed JANET-DR which covers social sciences, life sciences, natural sciences and engineering.
History

the Great East Japan Earthquake, March 11, 2011

May 2011-Dec. 2015

“Academic Society Liaison Association Corresponding to the Great East Japan Earthquake” (30 academic societies)

January 9, 2016 for natural disasters in general

Japan Academic Network for Disaster Reduction (JANET-DR)
The Kumamoto earthquake happened, about three months after JANET’s start. M 6.5 earthquake occurred on 14 April 2016, in Kumamoto. Then, the strongest M 7.3 earthquake occurred on 16 April which was called the main shock of “the 2016 Kumamoto Earthquake”.

![Map of Japan highlighting Kumamoto](image)
Kumamoto earthquake was caused by the displacement of faults. **Surface earthquake fault** in Mashiki town.
Damage in Mashiki town, caused by seismic intensity 7, twice

Kumamoto earthquake victims
50 deaths, 174 related deaths,
2677 wounded,
189079 houses collapsed or damaged
(March, 2017)
Landslides in Minamiaso village and collapse of Aso-Ohashi bridge.

Mt. Aso erupted from October to December 2016. Land made of volcanic ash is fragile with heavy rain. Complex disaster are concerned.

[source:Kokusai Kogyo Co.Ltd]
SCJ & JANET-DR held a joint press conference on 18 April. Representatives of eight academic societies explained about the Kumamoto earthquake and answered many questions from 43 media companies.
On 2 May, the "Urgent report meeting" was held and 17 academic societies announced reports of urgent investigation and relief activities.
On 16 July, "Three-month report meeting" was held and representatives of 23 academic societies presented. This series of report meetings helped to convey accurate information from academia to society. In lots of articles on newspapers and television programs cited the presenters' comments of these report meetings.
In addition to the presentations of 30 academic societies, Kumamoto prefecture and Kumamoto city reported their current status and their plans. It is necessary to understand the situation of the affected site for contributing to future recovery and disaster prevention.
On the day after the report meeting, 70 researchers inspected the affected areas of the Kumamoto earthquake. This is the survey of active faults in Mashiki town.
We inspected the collapse and damage of Kumamoto castle and its restoration work.
Group Activities of Several Academic Societies

- Disaster medicine + Seismology + Civil and building engineering + Transportation.
- Space satellite technology + Geographical information + Evacuation plans.
- Volcano explosion + Earth observation + Landslide + City planning.
- Earthquake engineering + Huge urban cities
JANET-DR worked well for promoting interdisciplinary approach and social implementation of research, for the 2016 Kumamoto earthquake.

In academic world, specialization has been progressed and interdisciplinary collaboration is more required.

Many natural disasters occur in the world. I also consider what we can do to promote collaboration among academies in other countries with a view to the future.