

JAPAN

Call for abstracts, RMEGV 2021

5th International Workshop on Rock Mechanics and Engineering Geology in Volcanic Fields

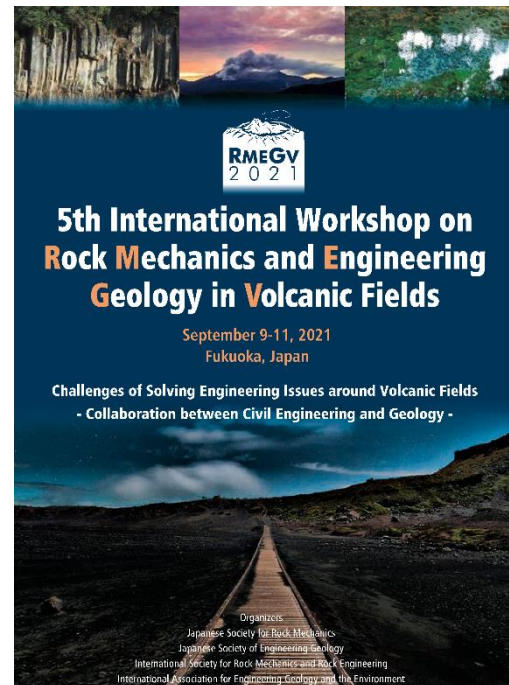
Fukuoka University, Fukuoka, Japan, September 9-11, 2021

Japanese Society for Rock Mechanics and Japan Society of Engineering Geology

Abstract Submission Deadline: January 15, 2021

Notify of Abstract Acceptance: February 28, 2021

Website :<https://ec-convention.com/rmegv2021/>



2020 JSEG Annual Meeting

JSEG (Japan Society of Engineering Geology) held 2020 Annual Meeting on October 1st and 2nd. Annual Meeting is a good opportunity to obtain latest knowledge and deepen friendship for JSEG members, so that we have had face to face meeting every year, however due to the spread of the COVID-19 infection, we organized it through online. 217 members participated, and 65 oral and 46 poster presentations were performed. Despite being held online,

there were about the same number of announcements as last year. As a special lecture, "Latest findings on Nankai Trough earthquake" was given by Dr. Yamaoka, a professor of Nagoya University. As a special session, the Typhoon No. 19 in 2019 disaster investigation team reports were also held and 19 presentations were presented. This was the first attempt to hold an annual meeting online, however the communication among the participants would be very smooth.

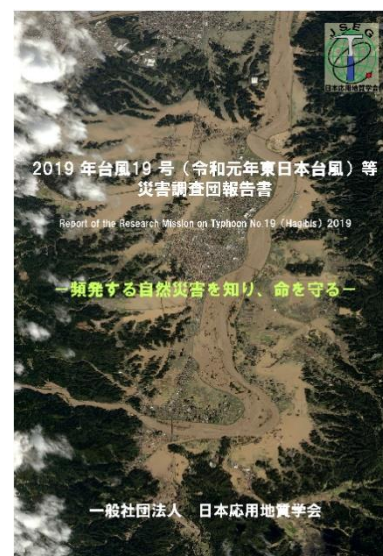


Best poster award winning presentation

Published of the report of Typhoon No. 19 in 2019 disaster, on October

The table below summarizes the natural disasters that have affected Japan in the last 10 years. We have been affected by eight natural disasters in last 10 years and sent disaster investigation team for 7 disasters. The total rainfall of Typhoon No. 19 for four days exceeded 1000 mm. Due to the heavy rain, floods and landslides occurred at extremely wide area. As a result, 90 people were killed, 9 people were missing, 4,008 buildings were completely destroyed, and 70,341 houses were inundated, causing extensive damage.

JSEG established the "Typhoon No. 19 in 2019 Disaster Investigation Team" by 35 members. The investigation results was compiled as a report namely "Report of the Research Mission on Typhoon No.19 (Hagibis) 2019". This report consists of outline of disasters, slope disaster investigation, flood disaster investigation, behavior of affected people, proposals and issues for disaster mitigation and conclusion.



Recent Geo. Disaster in Japan and Investigation by JSEG

Month Year	Name and feature of the Disaster	Death Missing	Meeting date and venue of the report
Mar. 2011	East Japan Great Earthquake Disaster M.9.0, Over 10m high Tsunami, in the Pacific coast area of North East Japan. It caused Fukushima No.1 nuclear power plants to occur terrible accident.	About 22,000	—
Aug. 2014	2014 Hiroshima Debris Flow Disaster Over 200mm/2hours downfall by linear rainfall belt. Many debris flow hit the houses built on mountain foot area, near the City	74	Feb. 2015, Reported at Hiroshima City. About 100 peoples participated.
Apr. 2016	Kumamoto Earthquake Disaster The magnitude 7.3 occurred on midnight in Kumamoto City of Kyusyu, southwest of Japan. Continuous seven times terrible shocks attacked in three days.	269	Apr. 2017, Reported at Kumamoto City, Kyusyu About 200 peoples participated.
June 2017	2017 Northern Kyushu Downfall Disaster Heavy rainfall of about 130mm/1hour, or 280mm/3hours, linear rainfall belt along the energetic seasonable front. About 300 landslides occurred in narrow area.	44	Apr. 2018, Reported at Asakura, Fukuoka About 200 peoples participated.
Jul. 2018	2018 West Japan Downfall Disaster Maximum rainfall of 1,800mm/4days, linear rainfall belt along the energetic seasonable front after passing over the typhoon.,	245	June 2019, Reported at Okayama City, About 150 peoples participated.

Sep. 2018	East Iburi Earthquake Disaster Middle area of Hokkaido, northern Japan M.6.7. Extremely many shallow landslides of volcanic ash layers, and rock landslides.	43	Sep. 2019, Reported at Sapporo City Over 200 peoples participated.
Oct. 2019	Typhoon No.19 (Hagibis) Disaster Max. rainfall of 1,000mm/4days, and 500 to 700mm/4days in wide area of the Central to North-East Japan.	99	Report printed, Oct. 2020 Meeting will be held on Janu. 2021
Jul. 2020	2020 Kyusyu Downfall Disaster Maximum rainfall of 100mm/1h., or 450 to 500mm/1day, Large linear rainfall belt along the energetic seasonable front.	86	Under Investigating