

Cities on Volcanoes 5 conference November 19-23, 2007



1st circular
April 2006

Shimabara 2007
CITIES ON VOLCANOES 5

The City of Shimabara
Volcanological Society of Japan
IAVCEI

Faculty of Sciences, Kyushu Univ.
Earthquake Research Institute, Univ. of Tokyo

The main goal of this international conference

is to bring together volcanologists, city planners, social scientists, disaster managers, the medical community, mass media and so on, and to exchange and understand their experiences and knowledge in order to evaluate and improve prevention and mitigation measures, land-use planning, emergency management, all required to successfully confront volcanic crises in densely populated area and to recovery from the devastation.

Shimabara and Japanese cities on volcanoes

The Japan Islands has more than 100 active volcanoes with an average five volcanoes erupting every year. Mount Fuji, which has not erupted for about 300 years, poses great danger to the mega city of Tokyo and surrounding area, down wind of this volcano, with a population of about 30 million. Furthermore, active volcanoes with geologic records of caldera-forming eruptions exist in both the southern and northern Japan.

Among recent eruptions, the 1990-95 eruption at Unzen Volcano and the 2000 eruptions at Usu and Miyakejima volcanoes are prominent.

Pyroclastic flows cascaded from the summit dome of Unzen, killing forty-four people including Katia and Maurice Krafft and Harry Glicken, members of the mass media, and local residents. This tragic event ignited the current effort in volcanic disaster mitigation in Japan. Unzen is also the volcano whose sector-collapse generated a debris avalanche and resulting tsunami, causing 15,000 casualties in 1792.

Shimabara is the city which has developed on the foot of Unzen volcano.



Shimabara Castle



Old Samurai Street

Venue

Symposia



Unzen

- The conference will be held in Shimabara's memorial halls which were built on the devastated area of the last eruption; Mt. Unzen Disaster Memorial Hall (Gamadas Dome) and Shimabara Fukko Arena
- Shimabara is near sightseeing spots, such as cities of Nagasaki, Kumamoto and Fukuoka and volcanoes of Aso and Kuju. Among them, the famous historical and most interesting city of Nagasaki, was long an open port for foreign trade and destroyed by an atomic bomb in 1945.
- The weather of Shimabara in November is normally fine and relatively dry; the temperatures are about 15 to 20 °C in the daytime, and about 10 °C or less in the night.
- Unzen is one of the most thoroughly studied volcanoes in the world, with geophysical and geochemical monitoring during the last eruption and recent scientific drilling.

- Volcano studies (sector-collapse and large-scale eruptions)
- Volcano monitoring and forecasting eruptions
- Mitigation of volcanic disaster (hazard map)
- Crisis management for volcanic disaster
- Warning systems and roles of mass media & internet
- Health issues, physical and economic impacts and volcanoes
- Land use and sabo plans, and volcanic hazards (lahars)
- Recovering process and lessons from devastation
- Education and outreach activity on volcanoes



Fukko Arena



Gamadas Dome



Field trips (tentative)



Pre-conference, November 15-18, 2007

1. Usu and Hokkaido-Komagatake volcanoes
2. Miyake and Izu-Oshima volcanoes
3. Fuji and Hakone volcanoes
4. Asama and Kusatsu-Shirane volcanoes
5. Kikai caldera and southern Kyushu

Inter-Congress Field Trip, November 22, 2007

Unzen volcano, devastated area of the last eruption and sabo plans

Post-conference, November 24-27, 2007

1. Sakurajima and Kaimon volcanoes
2. Unzen and Aso volcanoes
3. Fuji volcano and workshop

Workshop on "300th Anniversary of the Eruption of Mt. Fuji in 1707", will be held by MLIT around Mt. Fuji, November 26-27, 2007, with one-day (November 25) excursion of Mt. Fuji. Details will be given in the second circular.



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I plan to submit an oral or poster presentation on the following topic:

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I would like to attend the following field trips:

I expect to be accompanied by:

Filling the above form, please email us at

convention@citiesonvolcanoes5.com or fax at +81-957-65-5542.

Official Registration will be online at the COV5 web site.

Conference committee and information contact

Coordinator

Setsuya Nakada Teijiro Yoshioka

Organizing Committee

Hiroshi Shimizu Shigeo Aramaki Toshitsugu Fujii

Hiromu Okada Junichi Hirabayashi

Kazuhiro Ishihara Shin'ichi Sugimoto

Secretariat

Takeshi Matsushima Eiji Matsushita

Toshiko Yoshida Ken'ichi Nakamura

Important dates

First Circular April 2006

Second Circular January 2007

Abstract Deadline May 1, 2007

Early registration June 1, 2007

Homepage of COV5

<http://www.citiesonvolcanoes5.com>

Information contact:

convention@citiesonvolcanoes5.com



Secretariat, Cities on Volcanoes 5,
Gamadas Dome,
1-1 Heisei-machi, Shimabara City 855-0879, Japan
Phone: +81-957-65-5540
Facsimile: +81-957-65-5542

e-mail: convention@citiesonvolcanoes5.com

URL: <http://www.citiesonvolcanoes5.com>

