

2nd Circular

VII International Workshop on Collapse Calderas Toba Caldera, Sumatra, Indonesia

Workshop: 21st to 27th September, 2018



Dear Colleague, we are pleased to invite you to the 7th International Workshop on Collapse Calderas, offered by the Commission of Collapse Calderas of IAVCEI. This time we are excited to conduct the meeting at the iconic supervolcano, Toba caldera, Sumatra, Indonesia. This meeting represents a partnership between IAVCEI and the Geological Agency of the Ministry of Energy and Mineral Resources of the Republic of Indonesia (Badan Geologi), who will be the official hosts.

Like previous meetings, this will be a venue to discuss many different aspects of calderas, their physical setting, associated magmatic processes, eruption dynamics, impacts of eruptions, hazards associated with caldera volcanism and their mitigation. Taking advantage of Toba's unique record, *resurgence* will be a major theme. The workshop will consist of 3 full days of presentations and discussion, and 2.5 full days of field-based discussions. Poster presentations and discussion will be prioritized over oral presentations. We look forward to rousing, stimulating and insightful discussion about calderas.

Organizers and committees:

*International Association of
Volcanology and Chemistry of the
Earth's Interior (IAVCEI)*

<https://www.iavceivolcano.org/>



Badan Geologi

(The Geological Agency of the Ministry of
Energy and Mineral Resources of the
Republic of Indonesia, Indonesia)

<http://www.bgl.esdm.go.id/>



IAVCEI Commission on Collapse Calderas

<https://staff.aist.go.jp/geshi-nob/CCC/>



Commission on Collapse Calderas
IAVCEI

Local Organizing Committee:

Shanaka de Silva	Oregon State University, U.S.A
Indyo Pratomo	Badan Geologi, Bandung, Indonesia
Okhtory Prambada	CVGHM, Bandung, Indonesia
Ruli Setiawan	Badan Geologi, Bandung, Indonesia
Gagarin Sembirin	Geological Survey of North Sumatra, Medan, Indonesia

General enquiries about the Workshop should be sent to the LOC at the following email address tobaccc2018@gmail.com

Please use "IAVCEI CCC 2018" in the subject line to ensure your emails are prioritized.

Scientific committee

Shanaka de Silva	Oregon State University, U.S.A
Darren Gravley	University of Canterbury, New Zealand
Indyo Pratomo	Badan Geologi, Bandung, Indonesia
Adonara Mucek	Singapore, Singapore
Casey Tierney	Northern Arizona University, U.S.A
Shimpei Uesawa	C.R.I.E.P.I, Japan
John Browning	Universidad Mayor de Santiago, Chile

Location and Meeting Venue

The workshop will be held in charming Tuk Tuk on the eastern edge of Samosir island, a one-hour ferry ride across the lake from the town of Parapat. Samosir is a popular tourist destination due to its exotic history and the vistas it offers with tourist resorts concentrated in the Tuk Tuk area. The island is the centre of the Batak culture and many of the Toba Batak traditional houses (rumah adat) remain on the island.



The field trips will visit the typical sites and outcrops of Samosir Island and Toba caldera including post caldera centers and the Sinabung Volcano Observatory. You will be able to enjoy the traditional Batak culture of Samosir.

Venue

The 7th Workshop on Collapse Calderas is scheduled for September 21st to 27th, 2018 at Tabo Cottages, Tuk Tuk, Samosir Island, Sumatra (<http://tabocottages.com/tabocottages/#/home>)

Travel

Participants will need to fly into Kualanamu International Airport (KNO), Medan. Many flights connect from Tokyo and Singapore. We intend to arrange for pick up and transport from the airport.

Official letters of invitation from Badan Geologi will be required by all foreign visitors to ensure that business visas can be obtained. We will send these out to all registered foreign participants on August 1st, 2018.

Visas can be obtained in advance or arrival – please consult your local Indonesian consulate to understand the visa requirements. Tourists visa will not be issued for conference attendance.

Planned schedule (All dates in September 2018)

- 20th Arrive Medan, night in Medan
- 21st Transport to Tuk Tuk, via Simarjurunjung overlook,
to Tuk Tuk via Parapat, dinner at Tabo
- 22nd Lectures and Discussion at Tabo, (breakfast, lunch, and dinner @ Tabo)
- 23rd Lectures and Discussion at Tabo, (breakfast, lunch, and dinner @ Tabo)
- 24th Field Trips (Early breakfast, packed lunch, dinner @ Tabo)
- 25th Field Trips (Early breakfast, packed lunch, dinner @ Tabo)
- 26th Lectures and Discussion at Tabo, (breakfast, lunch, and dinner @ Tabo)
- 27th Return to Medan area via Parapat and Harangaol
Late flight out or night at Airport Hotel (own expense)

Optional trip to active Sinabung volcano (extra cost)

- 27th Night at Berestagi
- 28th Sinabung volcano, observatory, and field instruments.
Night at Airport hotel (own cost) or late flight out.

Registration and Abstract Submission

Because of the limitation on transportation on Samosir, the maximum number of foreign participants is ca. 50. Acceptance to attend the workshop will be prioritized based on previous attendance at commission workshops, courses and other commission activities.

A pre-registration system is to be used.

All potential attendees must preregister on the form provided and submit the required information, including an abstract.

Invitations to register will then be sent out based on priority as described above. The scientific committee will make the decision.

Abstracts

Each potential participant must submit an abstract.

An abstract style guide will be provided with the pre-registration form.

Deadlines

- Second Circular open: May 1, 2018
- Pre-Registration and Abstract submission open: May 1, 2018
- Registration open to 1st round invitees, June 1st, 2018
- Payment deadline for 1st round invitees, June 15th, 2018
- Registration open to 2nd round invitees, July 1st, 2018
- Payment deadline for 2nd round invitees, July, 15th, 2018

Costs

All foreign workshop participants must be current IAVCEI members. **Please register before applying for the workshop.**

Registration fee for the workshop

Full USD 750* (based on twin room basis)
Student/Early Career USD 500 (some triple and quadruple occupancy)

Early Career is defined as 6-years since Ph.D.

The cost above includes registration for the 3-days of workshop, 2.5 days field trips, 7 nights accommodations on a twin room basis* (first night at Medan airport, 6 at the conference site), all meals (from the icebreaker dinner on the 20th night to the dinner on the 26th of September), and transportation to and from the Kualanamu airport, Medan.

***Single occupancy premium of USD 150 will be charged.**

Additional costs

Post-meeting overnight trip to visit Sinabung volcano USD 100

Includes one night hotel, dinner, breakfast, transport to Sinabung Observatory and field, transfer to Kualanamu airport or hotel. Hotel at Kualanamu airport if needed is not covered.

Conference Program

	20 th	21 st	22 nd	23 rd	24 th	25 th	26 th	27 th
AM	Participants arrive in Medan KNO	Travel from Medan to Tuk Tuk	Science Session 1	Science Session 3	FIELD TRIP 1 (All day)	FIELD TRIP 2 (All day)	Science Session 5	Travel to Medan KNO
PM			Transfer to Hotel	Science Session 2			Science Session 4	
Evening	Icebreaker and dinner	Welcome Ceremony, Cultural Reception, Inaugural dinner	Dinner Presentations from CVGHM				Dinner Closing Ceremony	KNO Hotel or late flight from KNO
Night	KNO Hotel	Tabo Cottages, Tuk Tuk, Samosir						

What is the Commission on Collapse Calderas?

The IAVCEI Commission on Collapse Calderas (CCC) was created in March 2008 to have a wider and deeper understanding on calderas. The idea to file for a commission emerged in 2005, during a workshop on Caldera Volcanism, at which the Collapse Calderas Work Group was formed. The CCC includes a wide spectrum of disciplines, such as caldera geology, geophysics, mathematical and analogue modelling, subcaldera magma chamber processes, volcanic hazard and risk management, economic benefits and environmental research. Thus, it promotes interdisciplinary interaction to help solve the many questions regarding the formation of collapse calderas, their evolution, and affect on society. Successful workshops are organized on regular basis, and have been previously held at Tenerife, Canarias (2005), Mexican Volcanic Belt (2008), Reunion Island (2010) Bolsena, Italy (2012), Taupo, New Zealand (2014), and Hokkaido, Japan (2016). 50 persons attended to the 6th workshop.