



Genesis and dynamics of large calderas

Campi Flegrei and Campanian Plain

International Workshop

May, 2-5 2023

Chiesa di San Severo al Pendino
Via Duomo, 286 - 80138 Naples Italy



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Società Italiana di Geologia Ambientale - APS



COMUNE DI NAPOLI

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The Workshop is aimed at bringing together researchers of the volcanological community to discuss open scientific questions related to the origin, evolution and activity of large calderas. It will focus, in particular, on discussing the outcomes and results of recent research activities on the Campi Flegrei caldera, Italy, in relation to the large Campanian Plain ignimbritic eruptions that occurred in the last 300 ka, including the Campanian Ignimbrite (40 ka) - the largest eruptive event ever recorded in Europe. Understanding the origin, evolution and dynamics of Campi Flegrei caldera, currently in unrest and one of the best monitored volcanic system in the world, can improve our broad understanding of the mechanisms of caldera formation and eruption worldwide and, thus, improve our capabilities to mitigate related hazards. We invite presentations focused on any innovative research and results on large volcanic calderas worldwide, and particularly on Campi Flegrei caldera and Campanian Plain Ignimbrites. The workshop will also provide an opportunity to discuss and plan future drilling research projects at Campi Flegrei caldera and the Campanian Plain, that can be jointly implemented by the International Ocean Discovery Program (IODP) and the International Continental Scientific Drilling Program (ICDP) (i.e. Land-2-Sea proposals).

Finally, the Workshop will be complemented by a one-day field excursion in and around the Campi Flegrei caldera.

Workshop Secretariat

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