REGIONE CAMPANIA

D.G. 50.09 - DIREZIONE GENERALE PER IL GOVERNO DEL TERRITORIO

STAFF tecnico operativo 50.09.92 - Sistemi Informativi Territoriali

SCHEDA PER L'INVENTARIO DEI GEOSITI CAMPANI

BIBLIOGRAFIA DEL GEOSITO NA131 Solfatara

Barberi F., Innocenti F., Lirer L., Munno R., Pescatore T., Santacroce R., 1978, The Campanian Ignimbrite: a major prehistoric eruption in the Neapolitan area (Italy). Bull. Volcanol., 41(1), pp.1-22.

Caliro S., Chiodini G., Moretti R., Avino R., Granieri D., Russo M., Fiebig J., 2007, The origin of the fumaroles of La Solfatara (Campi Flegrei, South Italy). Geochim. Cosmochim. Acta, 71, pp. 3040-3055.

Chiodini G., Frondini F., Cardellini C., Granieri D., Marini L., Ventura G., 2001, CO_2 degassing and energy release at Solfatara Volcano, Campi Flegrei, Italy. Journal of Geophysical Research, 106 (B8), pp. 16213-16221.

Chiodini G., Todesco M., Caliro S., Del Gaudio C., Macedonio G., Russo M., 2003, Magma degassing as a trigger of bradyseismic events: the case of the Phlegrean Fields (Italy). Geophysical Research Letter, 30 (8), 1434.

Cioni R., Corazza E., Marini L., 1984, Gas steam ratio as an indicator of heat transfer at Solfatara fumaroles, Phlegrean Fields (Italy). Bull. Volcanol., 47, pp. 295-302.

Civetta L., Orsi G., Pappalardo L., Fisher R.V., Heiken G., Ort M., 1997, Geochemical zoning, mingling, eruptive dynamics and depositional processes - The Campanian Ignimbrite, Campi Flegrei caldera, Italy. Journal of Volcanology and Geothermal Research, 75, pp. 183-219.

De Lorenzo G., 1904, L'attività vulcanica nei Campi Flegrei. Rendiconti dell'Accademia di Scienze Fisiche e Matematiche di Napoli, 3 (10), pp. 203-211.

De Vivo B., Rolandi G., Gans P.B., Calvert A. Bohrson W.A., Spera F.J., Belkin A.E., 2001, New constraints on the pyroclastic eruption history of the Campanian volcanic plain (Italy). Mineral. Petrol., 73, pp. 47-65.

Deino A.L., Orsi G., Piochi M., De Vita S., 2004, The age of the Neapolitan Yellow Tuff caldera forming eruption (Campi Flegrei caldera - Italy) assessed by $^{40}Ar/^{39}Ar$ dating method. Journal of Volcanology and Geothermal Research, 133, pp. 157-170.

Dell'Erba F., 2004, A method to evaluate the volume of pyroclastic current deposits: application for the magnitude evaluation of Campi Flegrei eruptions. 32nd International Geological Congress - Florence, Italy, abstract.

Di Renzo V., Arienzo I., Civetta L., D'Antonio M., Tonarini S., Di Vito M.A., Orsi G., 2011, The magmatic feeding system of the Campi Flegrei caldera: architecture and temporal evolution. Chem. Geol., 281, pp. 227-241.

Di Vito M.A., Isaia R., Orsi G., Southon J., de Vita S., D'Antonio M., Pappalardo L., Piochi M., 1999, Volcanic and deformational history of the Campi Flegrei caldera in the past 12 ka. Journal of Volcanology and Geothermal Research, 91, pp. 221-246.

Fedele F.G., Giaccio B., Isaia R., Orsi G., 2003, The Campanian Ignimbrite eruption, Heinrich Event 4, and Palaeolithic change in Europe: a high-resolution investigation. In A. Robock, C. Oppenheimer, Ed., "Volcanism and the Earth's Atmosphere", Am. Geophys. Un., Gephys. Monog. Series, 139, pp. 301-325.

Fisher R.V., Orsi G., Ort M., Heiken G., 1993, Mobility of a large-volume pyroclastic flow - emplacement of the Campanian ignimbrite, Italy. Journal of Volcanology and Geothermal Research, 56, pp. 205-220.

Fedele L., Esposito C., Franciosi L., Morra V., Perrotta A., Santangelo N., Scarpati C., 2016, Itinerario 2 - Campi Flegrei e Procida. In: Calcaterra D., D'Argenio B., Ferranti L., Pappone G., Petrosino P., 2016, Guide Geologiche Regionali: Campania e Molise. Società Geologica Italiana, 276 p.

Giaccio B., Isaia R., Fedele F., Di Canzio E., Hoffecker, J., Ronchitelli A., Sinitsyn A., Anikovich M., Lisitsyn S., Popov V., 2008, The Campanian Ignimbrite and Codola tephra layers: two temporal/stratigraphic markers for the Early Upper Palaeolithic in southern Italy and eastern Europe. Journal of Volcanology and Geothermal Research, 177, pp. 208-226.

Gorceix H., 1872, On the composition of the vapours or gas escaping in the Phlaegrean Fields and other places near Vesuvius. American Journal of science and arts, New Haven, Connecticut, III serie, 4.

Guiscardi G., 1857, Note sur les émanations gazeuses des Champs Phlégréens. Bulletin de la Societè Géologique de France, Paris, II serie, 14, 633 pp.

Isaia R., 1998, Storia vulcanica ed evoluzione morfostrutturale della Caldera dei Campi Flegrei negli ultimi 12 ka. Tesi di Dottorato, Università di Napoli, 156 p.

Isaia R., Marianelli P., Sbrana A., 2009, Caldera unrest prior to intense volcanism in Campi Flegrei (Italy) at 4.0 ka B.P.: Implications for caldera dynamics and future eruptive scenarios. Geophys. Res. Lett., 36, L21303.

Isaia R., Iannuzzi E., Sbrana A., Marianelli P., Donadio C., Conforti A., D'Argenio B., 2017, Note Illustrative della Carta Geologica d'Italia alla scala 1:50.000 foglio 446-447 Napoli.

Isaia R., Vitale S., Di Giuseppe M. G., Iannuzzi E., Tramparulo F.D.A., Troiano A., 2015, Stratigraphy, structure, and volcano-tectonic evolution of Solfatara maar-diatreme (Campi Flegrei, Italy). Geological Society of America Bulletin, 127 (9–10), pp. 1485–1504. https://doi.org/10.1130/B31183.1

Orsi G., Di Vito M., Isaia R., 2004, Volcanic hazard assessment at the restless Campi Flegrei caldera. Bullettin of Volcanology, 66, pp. 514-530.

Orsi G. Civetta L., D'Antonio M., Di Girolamo P., Piochi M., 1995, Step-filling and development of a three-layers magma chamber: the Neapolitan Yellow Tuff case history. Journal of Volcanology and Geothermal Research, 67, pp. 291-312.

Orsi G., D'Antonio M., de Vita S., Gallo G., 1992, The Neapolitan Yellow Tuff, a large-magnitude trachytic phreatoplinian eruption: eruptive dynamics, magma withdrawal and caldera collapse. Journal of Volcanology and Geothermal Research, 53, pp. 275-287.

Rosi M., Sbrana A., editors, 1987, Phlegrean Fields. Quaderni della Ricerca Scientifica, vol. 114. CNR, Rome, Italy.

Rosi M., Sbrana A., Principe C., 1983, The Phlegrean Fields: structural evolution, volcanic history and eruptive mechanism. Journal of Volcanology and Geothermal Research, 17, pp. 249-271.

Rosi M., Vezzoli L., Aleotti P., De Cenzi M., 1996, Interaction between caldera collapse and eruptive dynamics during the Campanian Ignimbrite eruption, Phlegraean Fields, Italy. Bull. Volcanol., 57, pp. 541-554.

Scarpati C., Cole P., Perrotta A., 1993, The Neapolitan Yellow Tuff - A Large Volume Multiphase Eruption from Campi Flegrei, Southern Italy. Bull. Volcanol., 55, pp. 343-356.

Smith V.C., Isaia R., Pearce N.J.G., 2011, Tephrostratigraphy and glass compositions of post-15 kyr Campi Flegrei eruptions: implications for eruption history and chronostratigraphic markers. Quat. Sc. Rev., 30, pp. 3638-3660.

Troiano A., DiGiuseppe M.G., Patella D., Troise C., De Natale G., 2014, Electromagnetic outline of the Solfatara–Pisciarelli hydrothermal system, Campi Flegrei (Southern Italy). Journal of Volcanology and Geothermal Research, 277, pp. 9 - 21.

Wohletz K., Orsi G., de Vita S., 1995, Eruptive mechanisms of the Neapolitan Yellow Tuff interpreted from stratigraphic, chemical and granulometric data. Journal of Volcanology and Geothermal Research, 67, pp. 263 - 290.

Sitografia

Osservatorio Vesuviano di Napoli: https://www.ov.ingv.it/ov/it/campi-flegrei/storia-eruttiva.html

Parco Regionale dei Campi Flegrei: http://www.pafleg.it/

Solfatara di Pozzuoli: https://www.vulcanosolfatara.it/it/