Turnitin Originality Report

Processed on 11-04-2025 4:04PM
ID: 2583417351
Word Count: 1,000,000

Hagarth Gupta, Precursors, Philosophers and Its APPROPRIATE MECHANISMS

Similarity by Source
Similarity Index 0%
Internet Sources: 0%
Publications: 0%
Student Papers: 0%

match_type	match_groups	content_source	score
No matches found.			

[1] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[2] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[3] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[4] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[5] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[6] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[7] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[8] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[9] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[10] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[11] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[12] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[13] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[14] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[15] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[16] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[17] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[18] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[19] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[20] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[21] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[22] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[23] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[24] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[25] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[26] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[27] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[28] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[29] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[30] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[31] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[32] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[33] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[34] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[35] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[36] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[37] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[38] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[39] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[40] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[41] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[42] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[43] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[44] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[45] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[46] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[47] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[48] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[49] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[50] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[51] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[52] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[53] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[54] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[55] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[56] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[57] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[58] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[59] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[60] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[61] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[62] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[63] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[64] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[65] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[66] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[67] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[68] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[69] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[70] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[71] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[72] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[73] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[74] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[75] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[76] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[77] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[78] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[79] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[80] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[81] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[82] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[83] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[84] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[85] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[86] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[87] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[88] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[89] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[90] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[91] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[92] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[93] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[94] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[95] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[96] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[97] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[98] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[99] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

[100] Hartl, Lukas; Ulbl, Dominik; Bonacquisti, Gaetano; Marag, Thomas; Feldbacher-Escamilla, Christoph. "Belief in Groundwater Radon Disturbances Prior to the Great 7.0 Mw Aftershock, Central Italy." Geosciences, 2023. https://doi.org/10.3390/geosciences13120371

Nouns FOR PHILOSOPHERS AND FOREIGN EXPERTISE PRECEDENCE Sciences Philosophers. Specialist Nouns. Lists of Nouns. Nouns. Nouns.

Forecasting strong earthquakes, by the monitoring of radio emissions and this is done by various research groups (1,2,3,4,5,6,7,8,9). Strong earthquakes are preceded by radio emissions, which are detected

J.; Mukai, T. The anomaly in atmospheric radon concentra- tions prior to the 2011 Tohoku-Oki earthquake in Japan. REM 2018, 7, 86–94. 222. Draganov, A.B.; Inan, U.S.; Taranenko, Y.N. ULF magnetic signatures at the Earth surface due to ground water flow: A possible precursor to earthquakes. Geophys. Res. Lett. 1991, 18, 1127–1130. https://doi.org/https://doi.org/10.1029/91GL01000. 223. Y, S. Tectonomagnetic modeling on the basis of the linear piezomagnetic effect. Bulletin of the Earthquake Research Institute University of Tokyo 1991, 66, 585–722. 224. Fitterman, D.V. Electrokinetic and magnetic anomalies associated with impermeable faults: Streaming potentials in layered media. Geophys. Res. Lett. 1979, 83, 5923–5928. https://doi.org/https://doi.org/10.1029/JB083iB12p05923. 225. Varotsos, P.; Alexopoulos, K.; Nomicos, K.; Lazaridou, M. Earthquake prediction and electric signals. Nature 1986, 322, 120–120. 226. MIZUTANI, H.; ISHIDO, T. A New Interpretation of Magnetic Field Variation Associated with the Matsushiro Earthquakes. Journal of geomagnetism and geoelectricity 1976, 28, 179–188. https://doi.org/10.5636/jgg.28.179. 227. Jouniaux, L.; Pozzi, J.P. Streaming potential and permeability of saturated sandstones under triaxial stress: Consequences for electrotelluric anomalies prior to earthquakes. Geophys. Res. Solid Earth 1995, 100, 10197–10209. https://doi.org/https://doi.org/10.1029/95JB00267. 228. Surkov, V.; Yoshida, M.; Yumoto, K.; Uyeda, S.; Tanaka, H.; Hayakawa, M. Fractal properties of medium and seis- moelectric phenomena. Journal of Geodynamics 2002, 33, 477–487. https://doi.org/https://doi.org/10.1016/S0264-3707(02)00009-1. 229. Feder, J. Fractals; Springer Science, 1988. https://doi.org/1007/978-1-4899-2124-6. 230. Yasuoka, Y.; Kawada, Y.; Omori, Y.; Nagahama, H.; Ishikawa, T.; Tokonami, S.; Hosoda, M.; Hashimoto, T.; Shinogi, M. Anomalous change in atmospheric radon concentration sourced from broad crustal deformation: A case study of the 1995 Kobe earthquake. Appl. Geochem. 2012, 27, 825–830. 231. Nikolopoulos, D.; Yannakopoulos, P.H.; Petraki, E.; Cantzos, D.; Nomicos, C. Long-Term Traces in Variations of Environmental Radon in Soil: Results from Measurements in Lesvos Island in Greece, J Earth Sci. J. Earth Sci. Clim. Change 2018, 9, 1–11. https://doi.org/https://doi.org/10.4172/2157-7617.1000460. 237. Talwani, P.; Chen, L.; Gahalaut, K. Seismogenic permeability , ks. J. Geoph. Res. 2007, 112. https://doi.org/10.1029/2006JB004665. 238. Awais, M.; Barkat, A.; Ali, A.; Rehman, K.; Ali Zafar, W.; Iqbal, T. Satellite thermal IR and atmospheric radon anomalies associated with the Haripur earthquake (Oct 2010; Mw 5.2), Pakistan. ASR 2017, 60, 2333–2344. https://doi.org/10.1016/j.asr.2017.08.034. 239. Barkat, A.; Hayat, U.; Crowley, Q.G.; Rehman, K.; Siddique, N.; Siddique, N.; Mujtaba, T.; Iqbal, T. Time series analysis of soil radon in Northern Pakistan: Implications for earthquake forecasting. Appl. Geochemi. 2018, 97, 197–208. 240. Jilani, Z.; Mehmood, T.; Alam, A.; Awais, M.; Iqbal, T. Monitoring and descriptive analysis of radon in relation to seismic activity of Northern Pakistan. J. Environ. Radioactiv 2017, 172, 43–51. https://doi.org/https://doi.org/10.1016/j.jenvrad.2017.03.010. 241. Yonaiguchi, N.; Ida, Y.; Hayakawa, M.; Masuda, S. Fractal analysis for VHF electromagnetic noises and the identification of preseismic signature of an earthquake. J. Atmos. Sol. Ter. Phy. 2007, 69, 1825–1832. 242. Hattorri, K.; Takahata, N.; Yoshida, M.; Takahashi, H.; Yoshino, C.; Hayakawa, M. Chaotic analysis algorithms and their application to time series associated with natural phenomena. J. Phys. Conf. Ser. 2013, 475, 1–10. 249. Gotoh, K.; Hayakawa, M.; Smirnova, N. Fractal analysis of the ULF geomagnetic data obtained at Izu Peninsula, Japan in relation to the nearby earthquake swarm of June-August 2000. Nat. Haz. Earth Sys. 2003, 3, 229–234. 250. Gotoh, K.; Hayakawa, M.; Smirnova, N.; Hattori, K. Fractal analysis of seismogenic ULF emissions. Phys. Chem. Earth 2004, 29, 419–424. 251. Hayakawa, M.; Ida, Y.; Gotoh, K. Fractal (mono- and multi-) analysis for the ULF data during the 1993 Guam earthquake for the study of prefracture criticality. Current Development in Theory and Applications of Wavelets 2008, 2, 159–174. 252. Ida, Y.; Hayakawa, M. Fractal analysis for the ULF data during the 1993 Guam earthquake to study prefracture criticality. Nonlinear Processes in Geophysics 2006, 13, 409–412. 253. Ida, Y.; Hayakawa, M. Fractal analysis for the ULF data during the 1993 Guam earthquake to study prefracture criticality. Nonlin. Processes Geophys. 2012, 13, 409–412. 254. Ida, Y.; Li, D.; Q., S.; H., H.; M.. Fractal analysis of ULF electromagnetic emissions in possible association with earthquakes in China. Nonlin. Processes Geophys. 2012, 19, 577–583. 255. Nikolopoulos, D.; Petraki, E.; Cantzos, D.; Yannakopoulos, P.H.; Panagiotaras, D.; Nomicos, C. Fractal Analysis of Pre-Seismic Electromagnetic and Radon Precursors: A Systematic Approach. J. Earth Sci. Clim. Change 2016, 7, 1–11. 256. Smirnova, N.; Hayakawa, M.; Gotoh, K. Precursory behavior of fractal characteristics of the ULF electromagnetic fields in seismic active zones before strong earthquakes. Phys. Chem. Earth 2004, 29, 445–451. 257. Smirnova, N.A.; Kiyashchenko, D.A.; Troyan.; N., V.; Hayakawa, M. Multifractal Approach to Study the Earthquake Precursory Signatures Using the Ground-Based Observations. Review of Applied Physics 2013, 2, 3. 258. Karamanos, K. From symbolic dynamics to a digital approach: Chaos and Transcendence. Lect. Notes Phys. 2000, 550, 357–371. 259. Karamanos, K. Entropy analysis of substitutive sequences revisited. J Phys. A Math. Gen. 2001, 34, 9231–9241. 260. Karamanos, K.; Nicolis, G. Symbolic Dynamics and Entropy Analysis of Feigenbaum Limit Sets. Chaos Solitons. Fract. 1999, 10, 1173–1190. 261. Karamanos, K.; Dakopoulos, D.; Aloupis, K.; Peratzakis, A.; Athanasopoulou, L.; Nikolopoulos, S.; P, P.K.; Eftaxias, K. Study of pre-seismic electromagnetic signals in terms of complexity. Phys. Rev. E. 2006, 74, 21–36. 262. Karamanos, K.; Dakopoulos, D.; Aloupis, K.; Peratzakis, A.; Athanasopoulou, L.; Nikolopoulos, S.; P, P.K.; Eftaxias, K. Study of pre-seismic electromagnetic signals in terms of complexity. Phys. Rev. E. 2006, 74, 21–36. 263. Varotsos, P.; Sarlis, N.; Skordas, E. Natural time analysis of critical phenomena. Chaos 2009, 19. 264. Varotsos, P.; Sarlis, N.; Skordas, E. Scale-specific order parameter fluctuations of seismicity in natural time before mainshocks. EPL 2011, 96, 265. Varotsos, P.; Sarlis, N.; Skordas, E. Natural time analysis: The new view of time. Precursory Seismic Electric Signals, Earthquakes and other Complex Time- Series; Springer-Verlag: Berlin Heidelberg, 2011. 266. Varotsos, P.A.; Sarlis, N.V.; Skordas, E.S. Self-organized criticality and earthquake predictability: A long-standing question in the light of natural time analysis. Europhysics Letters 2020, 132, 29001. https://doi.org/10.1209/0295-5075/132/29001. 267. Varotsos, P.A.; Sarlis, N.V.; Skordas, E.S. Order Parameter and Entropy of Seismicity in Natural Time before Major Earthquakes: Recent Results. Geosciences 2022, 12. https://doi.org/10.3390/geosciences12060225. 268. Nikolopoulos, D.; Cantzos, D.; Petraki, E.; Yannakopoulos, P.H.; Nomicos, C. Traces of long memory in precursory Sub-Ionospheric Very Low Frequency/Low Frequency time-series through the R/S analysis and time-evolving spectral fractals. J. Earth Sci. Clim. Change 2016, 7, 269. Pastén, D.; Pavez-Orrego, C. Multifractal time evolution for intraplate earthquakes recorded in southern Norway during 1980–2021. Chaos, Solitons & Fractals 2023, 167, 113000. https://doi.org/https://doi.org/10.1016/j.chaos.2022.113000. 270. Telesca, L.; Lapenna, V.; Vallianatos, F. Monofractal and multifractal approaches in investigating scaling properties in temporal patterns of the 1983–2000 seismicity in the Western Corinth Graben, Greece. Phys. Earth Planet. Int 2002, 131, 63–79. 271. Telesca, L.; Lapenna, M.V.; Macchiato, M. Multifractal fluctuation in earthquake-induced emission time series. Chaos, Solitons & Fractals 2004, 19, 1337–1345. 272. Telesca, L.; Lapenna, V.; Macchiato, M. Monofractal and multifractal approaches in investigating scaling properties in temporal patterns of some Italian earthquake sequences. Chaos Solit. Fractals 2004, 19, 1–15. 272. Nikolopoulos, D.; Alam, A.; Petraki, E.; Papoutsidakis, M.; Yannakopoulos, P.; Moustris, K.P. Stochastic and self-organisation patterns in a 17-year PM10 time series in Athens, Greece. Entropy 2021, 23, 307. 273. Morales, I.O.; Landa, J.O.; Fossion, R.; Frank, A. Scale invariance, self-similarity and critical behaviour in classical and quantum system. J. Phys. Conf. Ser. 2012, 380. 274. May, R.M. Simple mathematical models with very complicated dynamics. Nature 1976, 261, 459–467. 275. Sugihara, G.; May, R. Nonlinear forecasting as a way of distinguishing chaos, measurement error, and stochasticity. Nature 1990, 344, 734–741. 276. Mandbrot, B.B.; Ness, J.W.V. Fractional Brownian motions, fractional noises and applications. J. Soc. Ind. Appl. Math 1968, 10, 422–437. 277. Musa, M.; Ibrahim, K. Existence of long memory in ozone time series. Sains Malaysiana 2012, 41, 1367–1376. 278. Hurst, H. Long term storage capacity of reservoirs. Trans. Am. Soc. Civ. Eng. 1951, 116, 770–808. 279. Hurst, H.; Black, R.; Simaiki, Y. Long-term Storage: An Experimental Study; Constable: London, 1965. Hurst H, Black R, Simaiki Y (1965) Long-term Storage: An Experimental Study. Constable, London. 280. Lopez, T.; Martinez-Gonzalez, C.; Manjarrez, J.; Plascencia, N.; Balankin, A. Fractal Analysis of EEG Signals in the Brain of Epileptic Rats, with and without Biocompatible Implanted Neuroreservoirs. AMM 2009, 15, 127–136. https://doi.org/https://doi.org/10.4028/www.scientific.net/AMM.15.127. 281. Takahashi, K. Electromagnetic radiations associated with major earthquakes. Phys. Earth Planet Inter. 1998, 105, 249–259. https://doi.org/https://doi.org/10.1016/B978-0-444-41783-1.50082-9. 291. Dobrovolsky, I.; Zubkov, S.; Miachkin, V. Estimation of the size of earthquake preparation zones. Pure Appl. Geophys. 1979, 117, 1025–1044. 292. Fleischer, R.L. Dislocation model for radon response to distant earthquakes. Geophys. Res. Lett. 1981, 8, 477–480. https://doi.org/https://doi.org/10.1029/GL008i005p00477. 293. Fleischer, R.L.; Mogro-Campero, A. Association of subsurface radon changes in Alaska and the northeastern United States with earthquakes. Geochimica Acta 1985, 49, 1061–1071. https://doi.org/https://doi.org/10.1016/0016-7037(85)90193-9. 294. Virk, H.S. A critique of empirical scaling relationship between earthquake magnitude, epicentral distance and precursor time for interpretation of radon data. Journal of Earthquake Prediction Research 1996, 5, 574–583. 295. Warwick, J.W.; Stoker, C.; Meyer, T.R. Radio emission associated with rock fracture: Possible application to the Great Chilean Earthquake of May 22, 1960. Geophys. Res. Lett 1982, 87, 2851–2859. https://doi.org/https://doi.org/10.1029/JB087iB04p02851. 296. Smith, B.E.; Johnston, M.J.S. A tectonomagnetic effect observed before a magnitude 5.2 earth- quake near Hollister, California. Journal of Geophysical Research (1896-1977) 1976, 81, 3556–3560. https://doi.org/https://doi.org/10.1029/JB081i020p03556. 297. Yulin, Z.; Fuye, Q. Geoelectric precursors to strong earthquakes in China. Tectonophysics 1994, 233, 99–113. https://doi.org/https://doi.org/10.1016/0040-1951(94)90223-2. 298. Wallace, R.; Teng, T. Forecast of the Sungpan-Pingwu earthquakes, 1976. Bulletin of the Seismological Society of America 1980, 70, 1199–1223. https://doi.org/10.1785/BSSA0700041199. 299. Gershenzon, N.; Gokhberg, M. On the origin of electrotelluric disturbances prior to an earthquake in Kalamata, Greece. Tectonophysics 1993, 224, 169–174. https://doi.org/https://doi.org/10.1016/0040-1951(93)90069-U. 300. Serebryakova, O.; Bilichenko, S.; Chmyrev, V.; Parrot, M.; Rauch, J.L.; Lefeuvre, F.; Pokhotelov, O.A. Electromagnetic ELF radiation from earthquake regions as observed by low-altitude satellites. Geophys. Res. Lett. 1992, 19, 91–94. https://doi.org/10.1029/91GL02775. 301. Dea, J.; Hansen, P.; Boerner, W. Long-term EMF background noise measurements, the existence of window regions and applications to earthquake precursor emission studies. Phys. Earth Planet Inter. 77: 109-125Wallace R, Teng T (1980) Forecast of the Sungpan-Pingwu earthquakes, 1976. Bulletin of the Seismological Society of America 1993, 70, 1199–1223. 302. Shalimov, S.; Gokhberg, M. Lithosphere-ionosphere coupling mechanism and its application to the earthquake in Iran on June 20, 1990. A review of ionospheric measurements. Phys. Earth Planet Inter. Earthquake Predict. 1998, 105, 211–218. https://doi.org/https://doi.org/10.1016/S0031-9201(97)00092-7. 303. Y, R.; C, N. Radio VHF precursors of earthquakes. Nat. Hazards 2005, 40, 573–583. 304. Smirnova, N.; Hayakawa, M. Fractal characteristics of the ground-observed ULF emissions in relation to geomagnetic and seismic activities. J. Atmos. Sol. Ter. Phy. 2007, 69, 1833–1841. 305. Sarlis, N.; Skordas, E.; Varotsos, P.; Nagao, T.; M. Kamogawa, M.; Tanaka, H.; Uyeda, S. Minimum of the order parameter fluctuations of seismicity before major earthquakes in Japan. In Proceedings of the Proc. Natl. Acad. Sci. USA, 2013, Vol. 110, 34, pp. 13734–13738. 306. Maeda, K.; Tokimasa, N. Decametric radiation at the time of the Hyogo-ken Nanbu Earthquake in 1995. Geophys. Res. Lett. 1996, 23, 2429–2432. https://doi.org/https://doi.org/10 .1029/96GL02307. 307. Bernard, P.; Pinettes, P.; Hatzidimitriou, P.M.; Scordilis, E.M.; Veis, G.; Milas, P. From precursors to prediction: a few recent cases from Greece. Geophysical Journal International 1997, 131, 467–477. https://doi.org/https://doi.org/10.1111/j.1365-246X.1997.tb06590.x. 308. Eftaxias, K.; Kapiris, P.; Polygiannakis, J.; Bogris, N.; Kopanas, J.; Antonopoulos, G.; Peratzakis, A.; Hadjicontis, V. Signature of pending earthquake from electromagnetic anomalies. Geophys. Res. Lett. 2001, 28, 3321–3324. https://doi.org/https://doi.org/10.1029/2001GL013124. 309. Eftaxias, K.; Kapiris, P.; Dologlou, E.; Kopanas, J.; Bogris, N.; Antonopoulos, G.; Peratzakis, A.; Hadjicontis, V. EM Anomalies before the Kozani Earthquake: A Study of Their Behavior through Laboratory Experiments. Geophys. Res. Lett. 2002, 29, 69–4. https://doi.org/10.1029/ 2001gl013786. 310. Kapiris, P.G.; Eftaxias, K.A.; Chelidze, T.L. Electromagnetic Signature of Prefracture Criticality in Heterogeneous Media. Phys. Rev. Lett. 2004, 92, 065702. https://doi.org/10.1103/PhysRevLett. 92.065702. 311. Contoyiannis, Y.F.; Diakonos, F.K.; Kapiris, P.G.; Peratzakis, A.S.; Eftaxias, K.A. Intermittent dynamics of critical pre-seismic electromagnetic fluctuations. Phys. Chem. Earth 2004, 29, 397–408. 312. Varotsos, P.; Sarlis, N.; Eftaxias, K.; Lazaridou, M.; Makris, J.; Abdulla, A.; Kapiris, P.; Papadopoulos, G.; Grevena-Kozani earthquake of May 13, 1995. Phys. Chem. Earth A 1999, 24, 115–121. 313. Varotsos, P.A.; Sarlis, N.V.; Skordas, E.S. Electric Fields that "Arrive" before the Time Derivative of the Magnetic Field prior to Major Earthquakes. Phys. Rev. Lett. 2003, 91, 148501. https: //doi.org/10.1103/PhysRevLett.91.148501. 314. Varotsos, P.; Sarlis, N.; Skordas, E.; Lazaridou, M. Electric pulses some minutes before earth- quake occurrences. Appl.Phys. Lett. 2007, 90, 1–3. 315. Enomoto, Y.; Tsutsumi, A.; Yukio, F.; Kasahara, M.; Hashimoto, H. Candidate precursors: Pulse-like geoelectric signals possibly related to recent seismic activity in Japan. Geophys. Res. Lett. 1996, 23, 1481–1484. https://doi.org/https://doi.org/10 .1111/j.1365-246X.1997.tb06592.x. 316. Biagi, P.; Ermini, A.; Kingsley, S. Disturbances in LF radio signals and the Umbria-Marche (Italy) seismic sequence in 1997–1998. Phys. Chem. Earth C. 2001, 26, 755–759. https://doi.org/https://doi.org/10.1016/S1464-1917(01)95021-4. 317. Karakelian, D.; Klemperer, S.; Fraser-Smith, A.; Thompson, G. Ultra-low frequency electromag- netic measurements associated with the 1998 Mw 5.1 San Juan Bautista, California earthquake and implications for mechanisms of electromagnetic earthquake precursors. Tectonophysics 2002, 359, 65–79. 318. Eftaxias, K.A.; Kapiris, P.G.; Balasis, G.T.; Peratzakis, A.; Karamanos, K.; Kopanas, J.; Antonopou- los, G.; Nomicos, K.D. Unified approach to catastrophic events: from the normal state to geological or biological shock in critical systems. Physica A 2004, 344, 268–274. 319. Eftaxias, K. Critical point in dynamics of seismicity. NHESS 2006, 6, 205–228. https://doi.org/10.5194/nhess-6-205-2006. 319. Nikolopoulos, S.; Kapiris, P.; Karamanos, K.; Eftaxias, K. A unified approach of catastrophic events. NHESS 2004, 4, 615–631. https://doi.org/10.5194/nhess-4-615-2004. 320. Kapiris, P.; Nomicos, K.; Antonopoulos, G.; et al. Distinguished seismological and electromag- netic features of the impending global failure: Did the 7/9/1999 M5.9 Athens earthquake come with a warning? Earth Planet Sp 2005, 57, 215–230. https://doi.org/10.1186/BF03351818. 321. Kalimeri, M.; Papadimitriou, C.; Balasis, G.; Eftaxias, K. Dynamical complexity detection in pre-seismic emissions using non-additive Tsallis entropy. Physica A 2008, 387, 1161–1172. 322. Chuo, Y.; Liu, J.; Pulinets, S.; Chen, Y. The ionospheric perturbations prior to the Chi-Chi and Chia-Yi earthquakes. Journal of Geodynamics 2002, 33, 573–583. 323. Saroso, S.; Hattori, K.; Ishikawa, H.; Ida, Y.; Shirogane, R.; Hayakawa, M.; Yumoto, K.; Shiokawa, K.; Nishihashi, M. ULF geomagnetic anomalous changes possibly associated with 2004-2005 Sumatra earthquakes. Phys. Chem. Earth 2009, 34, 343–349. 324. Balasis, G.; Mandea, M. Can EM disturbances related to the recent great earthquakes be detected by satellite magnetometers? Tectonophysics 2007, 431, 173–195. 325. Hayakawa, M.; Ohta, K.; Maekawa, S.; Yamauchi, T.; Ida, Y.; Gotoh, T.; Yonaiguchi, N.; Sasaki, H.; Nakamura, T. Electromagnetic Phenomena Associated with Earthquakes. Phys. Chem. Earth 2006, 31, 356–364. https://doi.org/10.1016/j.pce.2006.02.023. 326. Varotsos, P.; Sarlis, N.; Skordas, E.; Lazaridou, M. Identifying sudden cardiac death risk and specifying its occurrence time by analyzing electrocardiograms in natural time. Appl.Phys. Lett. 2007, 91. 327. Akpan, A.E.; Ibanga, J.I.; George, N.J.; Ekanem, A.M. Assessing seismo-ionospheric disturbances using Vanuatu and Honshu earthquakes of March 25, 2007, employing DEMETER and GPS data. International Journal of Environmental Science and Technology 2019, 16, 7187–7196. https://doi.org/https://doi.org/10.1016/j.asr.2020.03.007. 328. Li, M.; Lu, J.; Zhang, X.; Shen, X. Indications of Ground-based Electromagnetic Emissions to a Possible Ionosphere-Lithosphere-Atmosphere Coupling before the 12 May 2008 Wenchuan MS 8.0 Earthquake. Atmosphere 2019, 10. https://doi.org/10.3390/atmos10070 355. 329. Tachema, A.; Nadji, A. Contribution of ionospheric TEC anomalies to detecting the seismic precursors related to the 2008 Oran-Algeria event. ASR 2020, 65, 2559–2572. https://doi.org/ https://doi.org/10.1016/j.asr.2020.03.007. 330. Zhang, X.; Liu, J.; De Santis, A.; Perrone, L.; Xiong, P.; Zhang, X.; Du, X. Lithosphere-atmosphere- ionosphere coupling associated with four Yutian earthquakes in China from GPS TEC and electromagnetic observations onboard satellites. Journal of Geodynamics 2021, 145, 101832. https://doi.org/https://doi.org/10.1016/j.jog.2021.101832. 331. Argunov, V.V.; Gotovcev, M.R. Study of Ionospheric Effects and Earthquake Precursors Using Radio Engineering Methods. IOP Conference Series: Earth and Environmental Science 2021, 720, 012087. https://doi.org/10.1088/1755-1315/720/1/012087. 332. Shi, K.; Guo, J.; Zhang, Y.; Li, W.; Kong, Q.; Yu, T. Multi-Dimension and Multi-Channel Seismic- Ionospheric Coupling: Case Study of Mw 8.8 Concepcion Quake on 27 February 2010. Remote Sensing 2021, 13. https://doi.org/10.3390/rs13142724. 333. Choi, B.K.; Lee, S.J. Anomalous ionospheric disturbances over South Korea prior to the 2011 Tohoku earthquake. ASR 2016, 57, 302–308. https://doi.org/https://doi.org/10.1016/j.asr.2015.10.025. 334. Ke, X.; Zhao, X.; Yang, D.; Wu, X.; Li, Q. A study to investigate the relationship between ionospheric disturbance and seismic activity based on Swarm satellite data. Phys. Earth Planet Inter. 2022, 323, 106826. https://doi.org/https://doi.org/10.1016/j.pepi.2021.106826. 335. Wang, J.; Chen, G.; Yu, T.; Deng, Z.; Yan, X.; Yang, N. Middle-Scale Ionospheric Disturbances Observed by the Oblique-Incidence Ionosonde Detection Network in North China after the 2011 Tohoku Tsunamigenic Earthquake. Sensors 2021, 21. https://doi.org/10.3390/s21031000. 336. Yadav, A.; Singh, R.P. Effect of VLF electric field changes associated with major shallow earthquakes (M = 5.6-5.9) occurred in Indian subcontinent, on the atmosphere. Indian Journal of Physics 2023, 97, 3367–3378. 337. Joshi, S.; Madhusudhanaro, K. Ultra-low Frequency Geomagnetic Variations Associated with the 20th of June 2012 in Kachchh Region, Gujarat, India. Geotectonics 2021, 55, 633–645. 338. Gavrilov, B.G.; Poklad, Y.V.; Rybnov, Y.S.; Ryakhovsky, I.A.; Sanina, I.A. Geomagnetic Effects of Remote Earthquakes. Geomagnetism and Aeronomy 2021, 61, 108–116. 339. Meng, X.; Ravanelli, M.; Komjathy, A.; Verkhoglyadova, O.P. On the North-South Asymmetry of Co-Seismic Ionospheric Disturbances During the 16 September 2015 Illapel M8.3 Earthquake. Geophys. Res. Lett. 2022, 49, e2022GL098090. https://doi.org/https://doi.org/10.1029/2022 GL098090. 340. Cahyadi, M.N.; Arisa, D.; Muafiry, I.N.; Muslim, B.; Rahayu, R.W.; Putra, M.; Setiadi, R.; Wulansari, M.; Setiawan, A.; Razi, P.; et al. Ionospheric Disturbances Propa- gation Following the 2016 West Sumatra Earthquake Using Three-Dimensional Tomography GNSS-TEC. Atmosphere 2022, 13. https://doi.org/10.3390/atmos13091532. 341. Song, R.; Hattori, K.; Zhang, X.; Sanaka, S. Seismic-ionospheric effects prior to four earthquakes in Indonesia detected by the China seismo-electromagnetic satellite. Journal of Atmospheric and Solar-Terrestrial Physics 2020, 205, 105291. https://doi.org/https://doi.org/10.1016/j.jastp.2020 .105291. 342. Marchetti, D.; De Santis, A.; Shen, X.; Campuzano, S.A.; Perrone, L.; Piscini, A.; Di Giovanni, G.; Soldani, M.; Li, W.; Cianchini, G.; et al. Possible Lithosphere-Atmosphere-Ionosphere Coupling effects prior to the 2018 Palu Earthquake in Indonesia earthquake, atmospheric and ionospheric data. J. Asian Earth Sci. 2020, 188, 104097. https://doi.org/https://doi.org/10.1016/j.jseaes.2019.104097. 343. Zong, J.; Tao, D.; Shen, X. Possible ELF/VLF Electric Field Disturbances Detected by Satellite CSES before Major Earthquakes. Atmosphere 2022, 13. https://doi.org/10.3390/atmos13091394. 344. Jia, D.; Yu, H.; Zhao, B.; Ma, Y. Geothermal Anomalies and Coupling with the Ionosphere before the 2020 Jiashi M6.4 Earthquake. Applied Sciences 2023, 13. https://doi.org/10.3390/app13053 019. 345. Raleigh, B.; Bennett, G.; Craig, H.; Hanks, T.; Molnar, P.; Nur, A.; Savage, J.; Scholz, C.; Turner, R.; Wu, F. Prediction of the Haicheng earthquake. Eos Trans. AGU 1977, 58, 236–237. 346. Teng, T. Ground water radon content as an earthquake precursor; Geol. Surv. Open File Rep., U. S. 80-6, 1980; pp. 357–360. 347. Wang, C.Y. Some aspects of the Tangshan (China) earthquake of 1976. Chin Geophys. 1978, 1, 157–172. 348. Allegri, L.; Bella, F.; Della Monica, G.; Ermini, A.; Improta, S.; Sgrigna, V.; Biagi, P.F. Radon and rift anomalies detected before the Irpinia (south Italy) earthquake of November 23, 1980 at great distances from the epicenter. Geophys. Res. Lett. 1983, 10, 269–272. https://doi.org/https://doi.org/10.1029/GL010i004p00269. 349. Igarashi, G.; Wakita, H. Groundwater radon anomalies associated with earthquakes. Tectono- physics 1990, 180, 237–254. https://doi.org/https://doi.org/10.1016/0040-1951(90)90304-U. 350. Hum- ananbte, B.F.; Giroletti, E.; Idrovo, J.; Monnin, M.; Pasinetti, R.; Seidel, J.L. Radon signals related to seismic activity in Ecuador, March 1987. Int. pure and applied geophysics 1990, 132, 505–520. 351. Virk, H.S.; Singh, B. Radon recording of Uttarkashi earthquake. Geophys. Res. Lett. 1994, 21, 737–740. https://doi.org/https://doi.org/10.1029/94GL00310. 352. Walia, V.; Virk, H.S.; Bajwa, B.S. Radon Precursory Signals for Some Earthquakes of Magnitude > 5 Occurred in N-W Himalaya: An Overview. Pure and Applied Geophysics 2006, 163, 711–721. https://doi.org/10.1007/s00024-006-0044-z. 353. Richon, P.; Sabroux, J.-C.; Halbwachs, M.; Vandemeulebrouck, J.; Poussielgue, V.; Tabbagh, J.; Punongbayan, R. Radon anomaly in the soil of Taal volcano, the Philippines: A likely precursor of the M 7.1 Mindoro earthquake (1994). grl 2003, 30, 1481. https://doi.org/10.1029/2003GL016902. 354. Yasuoka, Y.; Ishii, T.; Tokonami, S.; Ishikawa, T.; Narazaki, Y.; Shinogi, M. Radon anomaly related to the 1995 Kobe earthquake in Japan. International Congress Series 2005, 1276, 426–427. https://doi.org/https://doi.org/10.1016/j.ics.2004.10.011. 355. Goto, M.; Yasuoka, Y.; Nagahama, H.; Muto, J.; Omori, Y.; Ihara, H.; Mukai, T. Anomalous changes in atmospheric radon concentration before and after the 2011 northern Wakayama Earthquake (M5.5). Rad.Prot. Dos. 2016, 174, 412–418. https://doi.org/10.1093/rpd/ncw142. 356. Ilic, R.; Rusov, V.; Pavlovych, V.; Vaschenko, V.; Hanzic, L.; Bondarenko, T. Radon in Antarctica. Radiat. Meas. 2005, 40, 415–422. 357. Baba, N.; Bhandari, R.; Sinha, B.; Singh, B. Continuous monitoring of 222Rn and its progeny at a remote station for seismic hazard surveillance. Radiat. Meas. 2006, 41, 634–637. https://doi.org/https://doi.org/10.1016/j.radmeas.2006.03.003. 358. Jaishi, H.P.; Singh, S.; Tiwari, R.P.; Tiwari, R.C. Temporal variation of soil radon and thoron concentrations in Mizoram (India), associated with earthquakes. Nat. Hazards 2014, 72, 443–454. 359. Deb, A.; Gazi, M.; Barman, C. Anomalous soil radon fluctuations - signal of earthquakes in Nepal and eastern India regions. Journal of Earth System Science 2016, 125, 1657–1665. Location Location Location Location Location Location Location Location Version June 11, 2024 submitted to Appl. Sci. 2 of 52 Version June 11, 2024 submitted to Appl. Sci. 3 of 52 Version June 11, 2024 submitted to Appl. Sci. 4 of 52 Version June 11, 2024 submitted to Appl. Sci. 5 of 52 Version June 11, 2024 submitted to Appl. Sci. 6 of 52 Version June 11, 2024 submitted to Appl. Sci. 7 of 52 Version June 11, 2024 submitted to Appl. Sci. 8 of 52 Version June 11, 2024 submitted to Appl. Sci. 9 of 52 Version June 11, 2024 submitted to Appl. Sci. 10 of 52 Version June 11, 2024 submitted to Appl. Sci. 11 of 52 Version June 11, 2024 submitted to Appl. Sci. 12 of 52 Version June 11, 2024 submitted to Appl. Sci. 13 of 52 Version June 11, 2024 submitted to Appl. Sci. 14 of 52 Version June 11, 2024 submitted to Appl. Sci. 15 of 52 Version June 11, 2024 submitted to Appl. Sci. 16 of 52 Version June 11, 2024 submitted to Appl. Sci. 17 of 52 Version June 11, 2024 submitted to Appl. Sci. 18 of 52 Version June 11, 2024 submitted to Appl. Sci. 19 of 52 Version June 11, 2024 submitted to Appl. Sci. 20 of 52 Version June 11, 2024 submitted to Appl. Sci. 34 of 52 Version June 11, 2024 submitted to Appl. Sci. 35 of 52 Version June 11, 2024 submitted to Appl. Sci. 36 of 52 Version June 11, 2024 submitted to Appl. Sci. 37 of 52 Version June 11, 2024 submitted to Appl. Sci. 38 of 52 Version June 11, 2024 submitted to Appl. Sci. 39 of 52 Version June 11, 2024 submitted to Appl. Sci. 40 of 52 Version June 11, 2024 submitted to Appl. Sci. 41 of 52 Version June 11, 2024 submitted to Appl. Sci. 42 of 52 Version June 11, 2024 submitted to Appl. Sci. 43 of 52 Version June 11, 2024 submitted to Appl. Sci. 44 of 52 Version June 11, 2024 submitted to Appl. Sci. 45 of 52 Version June 11, 2024 submitted to Appl. Sci. 46 of 52 Version June 11, 2024 submitted to Appl. Sci. 47 of 52 Version June 11, 2024 submitted to Appl. Sci. 48 of 52 Version June 11, 2024 submitted to Appl. Sci. 49 of 52 Version June 11, 2024 submitted to Appl. Sci. 50 of 52 Version June 11, 2024 submitted to Appl. Sci. 51 of 52 Version June 11, 2024 submitted to Appl. Sci. 52 of 52 21 of 52 22 of 52 23 of 52 24 of 52 25 of 52 26 of 52 27 of 52 28 of 52 29 of 52 30 of 52 31 of 52 32 of 52 33 of 52 Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Version June 11, 2024 submitted to Appl. Sci. Reference Version June 11, 2024 submitted to Appl. Sci. Reference Version June 11, 2024 submitted to Appl. Sci. Reference