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The Commissione ICHESE case history as a poor geo-ethics and communication episode in the frame of the Nimby Syndrome and geopolity weakness

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In the frame of energy/heat production from underground by new and enhanced technologies, the paper considers the Italian Commissione ICHESE case history as an international commission involved by local policy of the Emilia Romagna Region to answer two question where the first was completely out to any rational consideration, namely a political question than a scientific question to experts coming from abroad! The paper will rework any step-in science and communication-of this “dark side of the moon” of the complex relationships between stakeholders, policy makers, journalists and science despite the early and fruitful cooperation between industry and Academia/Research Centers in the frame of growing needs of “Debate Publique”. This complex and motley stakeholders community made by scientific-industry-institutions is involved in the difficult task to study and accept (or refuse) projects strongly impacting the lived territory & underground in densely populated countries in terms of appropriate public communication and sound deontological behavior (Geo-ethics). Successively, the paper recalls and rework years of “scientific” communication within the mass-media in this field highlighting the positive and negative messages in comparison to the true and objective scientific experimental data gathered by the real scientific work as perceived by citizens of medium scholastic culture which not delve the geologic disciplines but receive simply the journalistic front-end very often as sensationalist scoop. This path progressively tangles as a consequence of the complex and with conflicting use of underground to produce energy (hydrocarbons, heat as well as geo gas storage, geothermal reserves, unconventional gas exploitation and REE mining).

Biography

Fedora Quattrocchi is a “Research Director” technologist at INGV. She received his Earth Sciences Degree at University “La Sapienza” of Rome “cum laudem” in 1988. She was a contract Professor of University of Rome Tor vergata, Engineering. She tutored a lot of degree theses and PhD students over different Italian universities. She was II level International Master “Technologies for the Greenhouse Gases reduction” University of Perugia (2004), Master Business School II Sole24 Ore: “Multimedial Communication and Economical-Political Journalism” Responsible, since 2007, of Functional Unit “Fluid Geochemistry, Geological Storage and Geothermics” INGV Section “Seismicity and tectonophysics”. She is Director of Research in Line Energy and Georesources, Rome 1, INGV.

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