

Mt. Etna Environment Energy Study–Sicily, April 2015 – Exploring Frontiers of Natures Expressions.

April 2015

At Niramaya Life we offer Personalized Services to enhance wellness quantitatively using Scientific Methodologies to Individuals & Organizations + a Host of Consciousness, Disruptive Explorations.

About Mt.Etna – Smitsonian Institute's Global Volcanism Program

- Catalogue Number: 0101-06= (<u>Smithsonian Institution, Global</u> <u>Volcanism Program</u>)
 - Elevation above the sea-level: 3330 m in 2007 Location: 37.734° N, 15.004° E Total surface: 1200 square kilometers
- Etna is the largest and tallest volcano of Europe, and one of the most active volcanoes on the Earth. Its eruptions occur both at the summit, where currently there are four craters, and from its flanks, down to a few hundred meters above the sea-level. Summit activity can go on virtually continuously for many years or even decades (e.g., 1955-1971; 1995-2001), but it also often occurs during the intervals between flank eruptions. Such intervals can last from few months to more than 20 years, although in the past 40 years the average interval between flank eruptions has been only about 2 years. The duration of a flank eruption can be as short as a few hours, but in some cases exceed one year (1991-1993: 472 days; 2008-2009: 419 days).

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- The four summit craters are: the Voragine and the Bocca Nuova, formed in 1945 and 1968, respectively, within the Central Crater; the Northeast Crater that exists since 1911 and is currently the highest point on Etna (3330 m); and the Southeast Crater, born in 1971, which has recently been the most active of the four craters. This configuration contrasts strongly with that of one century ago, when at the summit of Etna there was only the Central Crater.
- Until recently, Etna has been considered a prevalently effusive volcano, that is: characterized mostly by the emission of lava flows. These can cause material damage but do not represent a direct threat to the lives of the about 900,000 people living in the area potentially threatened by eruptions of Etna. New studies, however, have revealed that this volcano is capable of producing violently explosive activity, like the Plintan eruption of 122 B.C. (B.C.E.). In recent years, especially since the late 1970s, there has been a significant increase in the frequency of explosive eruptive episodes, foremost at the summit craters. In particular, the summit eruptions of 1995-2001 included about 150 episodes of lava or fire fountaining (such episodes are often referred to as paroxysms), many of which generated tall columns of ash and gas.

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- The flank eruptions of 2001 and 2002-2003 have demonstrated that significant amounts of pyroclastic material (ash, lapilli, bombs, and blocks) can be also generated by flank eruptions. Differently from the usually short-lived summit paroxysms, pyroclastic fallout during flank eruptions can go on for weeks or even months, and impact life in the populated areas, besides representing a serious threat for traffic both on the ground and in the air.
- The latest phase of activity at Etna to date (October 2012) was a series of 25 episodes of lava fountaining (paroxysms) from a new vent on the east flank of the Southeast Crater cone, between January 2011 and April 2012, followed by a period of mild Strombolian activity and lava emission within the Bocca Nuova in July-August 2012.

Overview of Mt. Etna study using Bio-Well/Sputnik interface.

- (The most advanced scientific instrument for the study of Energy bio-well.com) **Purpose**: To observe & record the level of Energy present, given that it is one of the most active volcanoes on the Earth......and what would the data reveal. **Objective**: To assess the energy levels in the Mt. Etna zone at the highest allowable point closest to the summit craters of Mt.Etna (3345 m = 11,100')
- **Process:** Our expedition got upto 3000 m = 9,900'). We set up our system on a once molten laval bomb (Condensed molten ball). We ran the system for close to 1 Hr. with outside temp, around **0 deg C**, moderate to strong winds, bright sun, surrounded by snow and ice crusts as streams of Sulphur vapors kept blowing in our direction, S of Mt.Etna, in close visibility. **Parameters of assessment**: Energy + Standard Deviation (S.D.)
- **Energy:** level of the Energy of light photons emitted from environment to sputnik sensor. Higher values indicate increased energy.
- **S.D.:** is a measure that is used to quantify the amount of variation or <u>dispersion</u> of a set of data values. A standard deviation close to 0 indicates that the data points tend to be very close to the <u>mean</u> (also called the expected value) of the set, while a high standard deviation indicates that the data points are spread out over a wider range of values. (Also reveals the level of non-uniformity of the Energy Graph curve)

Mt. Etna – S.E. View from our terrace at Carchioffi (sea coast).



The Expedition – Pics of terrain – driving into the volcanic zone.



Paula + Rosa in Gratitude and Awe + Lady Bug chillin on lava rock.



The Red Dot is our set up point – Details to the point in accompanying pics.



Cable Car to Expedition Truck upto 2920m



On Board and Onwards along ice packed open tunnels.



Trekked from here to the Highest Permitted Point -3000 M.



Setting up on a Lava Bomb from 2012 eruption.



View Towards Mt. Etna (N)

View to South (Deep Crater)



Data Log moments in Full Strength – For 1 Hr Duration



Descent to funicular (chair lift) - Observe the Sulphur Plumes in the Background



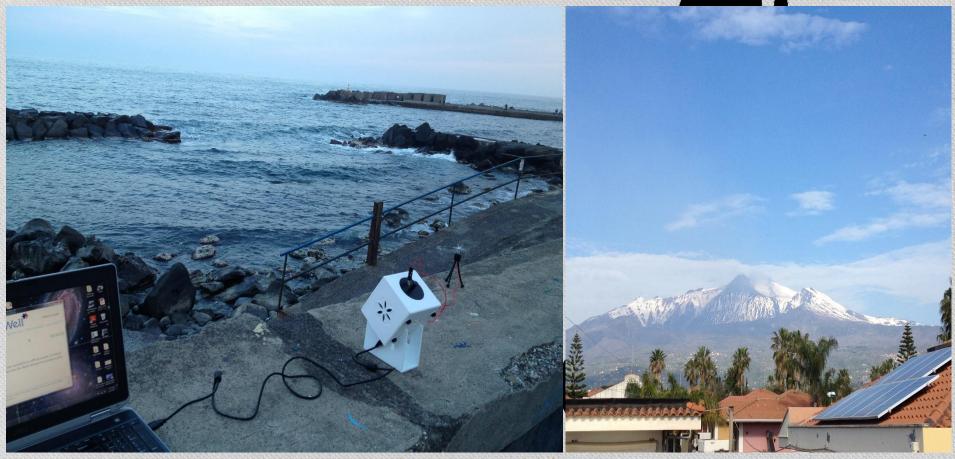
Descent view + Map of Active Volcanic Veins.



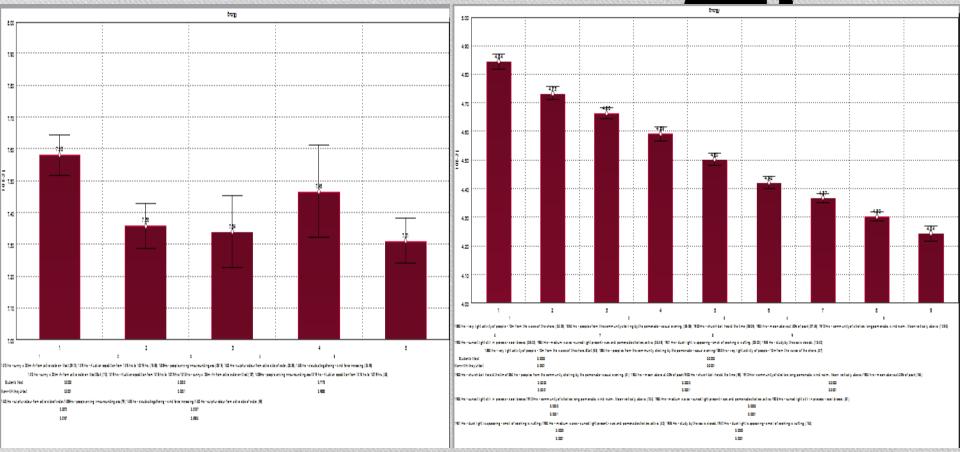
Set up by the Ionian sea – Energy study – For Comparitive Analysis



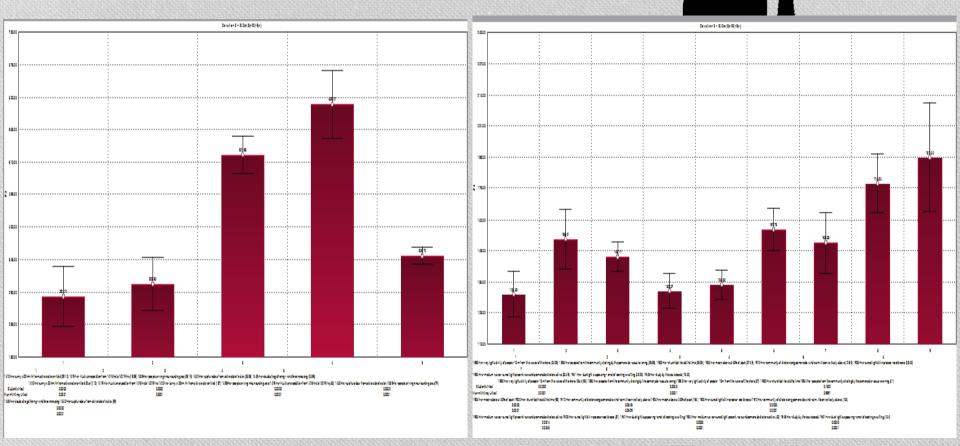
Ionian Seaside setup + View to Mt. Etna from location.



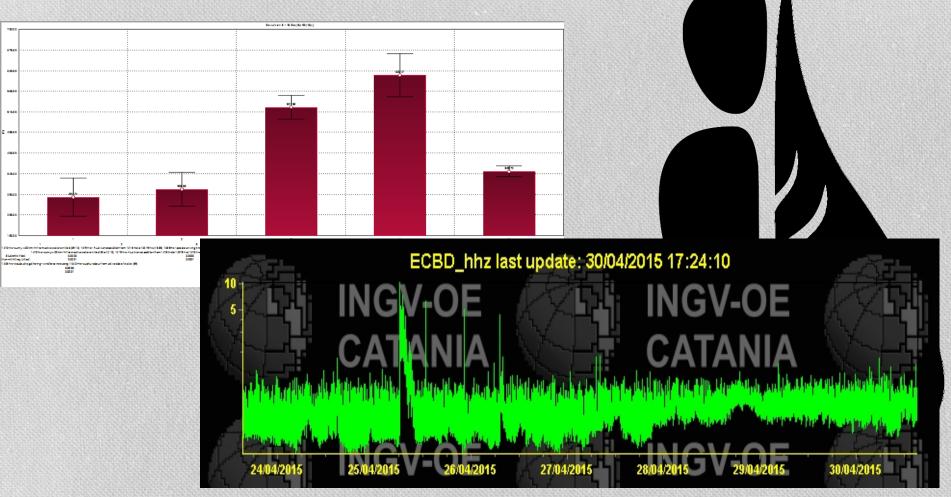
Energy Values: Mt.Etna 7.68 / Sea 4.84



Std. Deviation – Mt. Etna (Left Column) + Sea (Right Column)



Note: The spike in Std. Deviation correlated with a Seismic Burstas shown.



Report & Summary of findings.

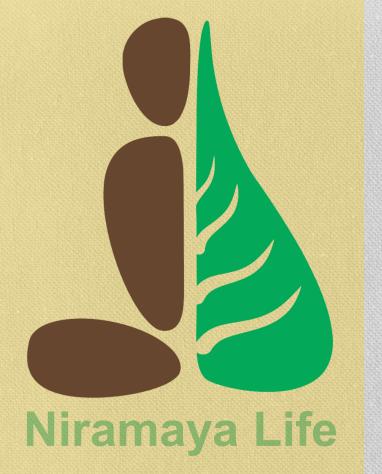
- From the 2 sets of assessments, data shows that the Energy at Mt. Etna was significantly higher that the Ionian sea.
- High 7.68 vs 4.84 (Mt. Etna to Ionian Sea, where the volcanic veins are present) Slide # 18 / 21
- Low 7.31 vs 4.24 (From slide # 21)
- Among all the projects explored from Humans to Nature, these readings stand out and have a significant bearing on the nature of ENERGY.
- High level of advanced human intention has recorded upto 2.80. In most of our experiments it has ranged from 0.80 to 1.80.
- In slide #23, we see a recorded seismic burst and the SD was influenced by this burst. (Thank you to Mt. Etna for this burp!)

Does this open vistas for utilizing this technology for possible prediction of earth related signals before their occurrence?



Gratitude to my Dear Friend and inventor Dr. Konstantin Korotkov, for his visionary ideas brought to manifest for the wellbeing of LIFE.

Measuring Human Wellness







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