

Landscapes of Central Italy through Science, Poetry and Music. A perspective for educating to the planet sustainability

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Born from a desire to promote the Italian landscape by integrating its physical aesthetic with its cultural and artistic heritage, we develop a story about the landscape told in popular science, and supported by visual stimulations, poetry and ancient music. Our work proceeds through two different routes. The first route analyzes the landscape from the scientific point of view trying to understand how it evolves and responds in response to changes in independent variables. The second path examines the landscape from a perspective more closely related to the visual and emotional impact that a place evokes, its history, its cultural significance, and perception of its fragility. The latter is perhaps a more complex path, more intimate, which develop fully only through the intersection of different forms of language, linked to specific arts.

Three different disciplines focused on the same site, the combination of which results in an emotional experience where the encounter between different languages becomes an expression of the place. Among the many amazing landscapes of Italy, we focus on three known sites from the historical region of Montefeltro, in central Italy: "The flatiron of Petrano Mount", "The Stones of Montefeltro", "The sea-cliff of San Bartolo".

Since a few years we have created a team of five researchers-artists, called "TerreRare" (Rare Earth Elements), whose mission is the desire to promote the gorgeous Italian landscape. Olivia Nesci, geomorphologist, begins this story analyzing the processes and the "forces" that have created and modified the landscape over time. Laura Valentini, a geologist and a musician, through the musical language, try to reproduce the emotional impact of the site, by searching for a piece of ancient music, composed for harpsichord. The choice of the musical instrument and the historical period is not accidental: the harpsichord has a punchy and gritty tone that clearly expresses the "strength" of the landscape early music aptly suited to represent natural forms whose history began millions of years ago. Lorenzo Carnevali, artist from Urbino, is the poet that has expressly dedicated verses to these places, in an effort to grab that balance which summarizes the History and Nature. The poems are performed by Maxx Brizigotti, eclectic actor and director, deeply linked to his territory. Music and verses are the soundtrack of videos made by Stefano Baiocchi that, by using beautiful images of these places, creatively interprets the science, art and history. Our purpose is to educate to a new perception of the place, starting from its beauty and arriving to a knowledge of its problems and weakness.