

***Interactive comment on “Influence of a component of solar irradiance on radon signals at 1 km depth, Gran Sasso, Italy” by G. Steinitz et al.***

**Anonymous Referee #1**

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suggestions; In the abstract, give the phase of the diurnal variation p 1517, line 27, clarify what is meant by the reference to "symmetric and asymmetric forms" in relation to Figure 5. p 1518, line 18 - clarify why this periodicity suggests a geophysical feature. p 1519, line 8 - clarify the reference to "gradients" p 1523, line 15 - clarify the reference to "solar periodicities."

Fig 3. the colors for radon and air pressure cannot be distinguished Fig 14. Clarify the meaning of these curves. Also show phase of year or year and month. Fig 15. Explain which curve is which.

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Interactive comment on Solid Earth Discuss., 4, 1511, 2012.