

## ***Interactive comment on “30 years of European Commission Radioactivity Environmental Monitoring Database (REMdb) – an open door to boost environmental radioactivity research” by Marco Sangiorgi et al.***

**Anonymous Referee #4**

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General Comments: Long-term (30 years) environmental radiation monitoring datasets at the large regional scale (Europe) are described in detail. The data are interesting and valuable for the general public and scientific community. This paper is well written and suitable to be published in Earth System Science Data. In the following lines, authors will find minor comments: Page 5 Line 7: “Itis” should be “It is”. Line 18: “106 measurements” should be “106 measurements”. Line 19: “Surface water and Drinking water” seems not reasonable category. Page 15 Figure 2: “E+0” is 100? If so, Figure 2, 8, 9, 10, 11 should be same with Figure 3 & 5. Page 16 Table 1: “Altitude” is more

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suitable than “Height”. Page 17 Figure 4: What’s the meaning of “logarithmic scale”? Is  $1 \times 10^7$  a logarithmic value? In general, plants include trees, grass, moss, etc. In the sample category of “Trees, Plants, Moss, Grass”, “Plants” specifically refer to what?

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