

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 #5

Received and published: 28 February 2019

General comment:

'30 years of European Commission Radioactivity Environmental Monitoring Database (REMdb) – an open door to boost environmental radioactivity research' document contain useful information for people interested to environmental radioactivity research and can be considered for publication.

Comments:

P2 L10-11 Please, consider if to remove/rephrase the last sentence (Nevertheless...).

C1

P3 L13 'seem reasonably stable' do you mean that this is a complete data sample from each MS?

P3 L28 Please, describe in the text the flow shown in figure 1.

P4 L18-19 Even considering... The wide variability of the number of measurements per country could be due to a different number of measurement sites, a different area of the countries, specific country properties, etc. is it correct? If yes, I suggest changing the sentence taking it into account.

P4 L25 it could be useful to specify the main checks.

P5 L 12-33 it might be useful, to understand the power of the database, to mention the total number of variables currently available.

P7 L7 Please, consider if to change the subsection title with Air measurements.

P7 L25 Please, consider if to change the subsection title with Water measurements.

P8 L22 Please, consider if to change the subsection title with Milk measurements.

P9 L1 Idem.

P9 Section 4 Is it necessary to list all the files? I suggest to change the list with a sentence.

Minor comments:

P1 L28 and P2 L18 ionising-> ionizing.

P3 L31 A dot is needed at the end.

P4 L22 organisation-> organization.

P5 L17 sample type -> sample category.

References:

C2

references are not homogeneously reported

Figures:

General comment, please, make the fonts size homogeneous.

Fig. 2 I suggest to remove the sentence in parenthesis (sentence already mentioned in the text) and add a dot to the end of the caption.

Fig.3 I suggest to remove the sentence in parenthesis and add the dot.

Table 1 Is it 'less than' mandatory? (see the text P5 L8).

Fig. 7 Add a dot at the end of the caption.

Table 2 Please, move Radionuclide category at the center of the field and add a dot.

Fig 8-11 The figures are not clearly legible.

Figs 9-11 please, change 'as recommended in Table 2' with 'recommended in (Basic Safety Standards, 2014)'.

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2018-160>, 2019.

C3