Open Access

Earth System
Science
Data

Discussions

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.

ARUNKUMAR ANBU ARAVAZHI (Referee)

anbu.arunkumar@gmail.com

Received and published: 11 March 2019

11th March 2019 Dear Authors, Thanks for the manuscript (MS) essd-2018-160 on "30 years of European Commission Radioactivity Environmental Monitoring Database (REMdb) – an open door to boost environmental radioactivity research". I always found this work very relevant and ground-breaking in a way. The paper is well written and it deserves to be published, especially as the existence of REMdb is not that well known to all. Even after 30 years work experience with environmental radioactivity, had never heard of such a resource. I suggest publication of the manuscript in Earth System

Science Data. However, the text still suffers from spacing problems, namely, the space between the values and its units. Please provide those updates and be very thorough! Below I provide an incomplete list of consistent problems in many phrases. Once authors have completed those very relevant details to satisfaction we can move ahead with a final check for publication. I hope we could reach that level for such an important topic indeed. Page 3, L17: The abstract says the database contains measurements since 1984, while in page 3 it says since 1988, REMdb was set-up in 1988 explain. Page 5, line 24: "In 1996, during the Chernobyl accident, there was......:" Chernobyl accident took place at 1986? Kindly clear it. Page 9 L15: Link does not work (browser message is: server IP address could not be found). Kindly verify.

Fig. 7 shows the sampling distribution from 13 years ago. As the authors present the database up until 2016, a more recent picture would be appropriate.

References kindly follow the journal format.

Thanks once more to the authors and more then with their replies and update