Interactive comment on "The European Union Radiological Data Exchange Platform (EURDEP): 25 years of monitoring data exchange" *by* Marco Sangiorgi et al.

Anonymous Referee #2

Received and published: 29 October 2019

This paper discusses The European Union Radiological Data Exchange Platform (EURDEP), which is a important data set for radiological scientists and the public alike. Data is presented effectively, and explanations are given for the degree of publicly available data that exists. Authors also discuss some difficulties concerning national level sampling and the harmonization of that process. Overall, I would accept this paper with minor revisions mentioned in the accompanying PDF.

Please also note the supplement to this comment:
https://www.earth-syst-sci-data-discuss.net/essd-2019-132/essd-2019-132-RC2-supplement.pdf

Interactive comment on Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2019-132, 2019.

Overall, an easy to read manuscript with data that is important for early warning systems for radiologic hazards. Just a couple of comments, mostly to improve the reader experience.

Abstract

Line 10: Condense this sentence to improve its readability. It starts the manuscript off in a convoluted manner.

Introduction

Page 2 Line 4-6: Can you explain specifically what experience was gained, or was it more of a realization that we were inadequately prepared, resulting in the need to improve the approach to this type of disaster? Was the experience simply the first time a nuclear disaster had occurred?

Line 31: Some explanation of why the Fukushima accident demonstrates the near for relevant air concentration measuerments would better inform the reader.

EURDEP Networks

Page 4

Line 18: See above comment about Fukushima

Line 27: Although this manuscript is written for primarily European use, I believe the abbrevations should be defined somewhere, or referred to in a supplement/citation.

Data availability for 2017 106RU detection across Europe

Line 29-30: Any explanation of why this occurred?

Fig. 1.

C3