

Interactive comment on “Facing policy challenges with inter- and transdisciplinary soil research focused on the SDG’s” by Johan Bouma and Luca Montanarella

Anonymous Referee #1

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A very interesting manuscript analyzing a recent “hot” topic (SDGs). Find below some proposals for revising the manuscript:

L57: replace fifteen with twenty. It is almost 20 years that internet is a well-established mean of communication

In this first paragraph, please refer also to the contribution of “open” data or available “data” which have been increasingly been available during the last decade. Please refer to the work of Robinson (Science, 2015).

L66: “own students” : this limits only to the students of the authors. I would prefer a term which includes a broad audience.

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L175: It is not only “Africa”

L182: remove “will” . The report is already been published. I would also propose to add a citation with a reference to the report.

L309: “.” Is missing. 2 Sentences

L351: it is better to refer to “Good Agricultural and Environmental Conditions (GAEC)”. Please replace the term Good agricultural and ecological practices with this one (official one in the CAP).

In this paragraph (L351-358), please take into account and cite the two recent published studies on the impact of Good Agricultural and Environmental Conditions (GAEC) of the CAP to reduces soil loss by water erosion in EU (Panagos, Borrelli, Robinson, NATURE, 596, 194) Moreover, it is also recommended to take into account the study of different agricultural practices to mitigate soil organic carbon (Lugato et al., 2014, Global change biology , 20 (11), 3557–3567).

General comment: It is very interesting the proposal to integrate soil scientists with ecosystem services. However, soil scientists should also be more integrated and work together with other disciplines such as hydrologists, earth science modellers, agronomists, natural hazards, economists (for food security issues), etc.

List of abbreviations (UNFCCC is listed twice, UNCCD is missing)

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