Editor's Comments:

The authors should improve the introduction and discussion

There are recent papers that bring to the science new knowledge and they are not shown in the introduction neither discussed in the discussion

see here

Villacís, J., Casanoves, F., Hang, S., Keesstra, S., & Armas, C. (2016). Selection of forest species for the rehabilitation of disturbed soils in oil fields in the Ecuadorian Amazon. Science of The Total Environment, 566, 761-770. doi:10.1016/j.scitotenv.2016.05.102

Hanke, W., D. Wesuls, W. Münchberger, and U. Schmiedel. 2015. Tradeoffs in the Rehabilitation of a Succulent Karoo Rangeland. *Land Degradation and Development* 26 (8): 833-842. doi:10.1002/ldr.2224.

Wiesmeier, M., Lungu, M., Hübner, R., Cerbari, V. Remediation of degraded arable steppe soils in Moldova using vetch as green manure. (2015) Solid Earth, 6 (2), pp. 609-620. DOI: http://dx.doi.org/10.5194/se-6-609-2015

Mureithi, S. M., A. Verdoodt, J. T. Njoka, C. K. K. Gachene, and E. Van Ranst. 2015. Benefits Derived from Rehabilitating A Degraded Semi-Arid Rangeland in Communal Enclosures, Kenya. *Land Degradation and Development*. doi:10.1002/ldr.2341.

Glenn, E. P., F. Jordan, and W. J. Waugh. 2016. Phytoremediation of a Nitrogen-Contaminated Desert Soil by Native Shrubs and Microbial Processes. *Land Degradation and Development*. doi:10.1002/ldr.2502.

Legumes for the Rehabilitation of Degraded Soils Under Mediterranean Climatic Conditions. *Land Degradation and Development* 27 (2): 395-405. doi:10.1002/ldr.2457.

Porqueddu, C., G. A. Re, F. Sanna, G. Piluzza, L. Sulas, A. Franca, and S. Bullitta. 2016. Exploitation of Annual and Perennial Herbaceous Species for the Rehabilitation of a Sand Quarry in a Mediterranean Environment. *Land Degradation and Development* 27 (2): 346-356. doi:10.1002/ldr.2235.

Singh, Y. P., A. K. Nayak, D. K. Sharma, G. Singh, V. K. Mishra, and D. Singh. 2015. Evaluation of Jatropha Curcas Genotypes for Rehabilitation of Degraded Sodic Lands. *Land Degradation and Development* 26 (5): 510-520. doi:10.1002/ldr.2398.

Wairore, J. N., S. M. Mureithi, O. V. Wasonga, and G. Nyberg. 2016. Benefits Derived from Rehabilitating a Degraded Semi-Arid Rangeland in Private Enclosures in West Pokot County, Kenya. *Land Degradation and Development* 27 (3): 532-541. doi:10.1002/ldr.2420.

Moreover the authors must highlight the importance of the soils for the humankind and the Earth

system

Brevik, E. C., Cerdà, A., Mataix-Solera, J., Pereg, L., Quinton, J. N., Six, J., and Van Oost, K.: The interdisciplinary nature of *SOIL*, SOIL, 1, 117-129, doi:10.5194/soil-1-117-2015, 2015.

Keesstra, S. D., Bouma, J., Wallinga, J., Tittonell, P., Smith, P., Cerdà, A., Montanarella, L., Quinton, J. N., Pachepsky, Y., van der Putten, W. H., Bardgett, R. D., Moolenaar, S., Mol, G., Jansen, B., and Fresco, L. O.: The significance of soils and soil science towards realization of the United Nations Sustainable Development Goals, SOIL, 2, 111-128, doi:10.5194/soil-2-111-2016, 2016.

Keesstra, S.D., Geissen, V., van Schaik, L., Mosse., K., Piiranen, S., 2012. Soil as a filter for groundwater quality. Current Opinions in Environmental Sustainability 4, 507-516. doi:10.1016/j.cosust.2012.10.007

Author's feedback:

Thank you editor, I have noted your remarks and the paper will be improved accordingly. The red and blue colored text are were the correction have been made.