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Fabian E. Gruber^{a,*}, Jasmin Baruck^a, Volkmar Mair^b, Clemens Geitner^a

^aInstitute of Geography, University of Innsbruck, Innrain 52f, 6020 Innsbruck, Austria
^b Amt für Geologie und Baustoffprüfung, Eggentaler Straße 48, 39053 Kardaun,
Autonomous Province Bolzano – South Tyrol, Italy

Abstract

Keywords: geologic map, soil parent material, digital soil mapping, surface roughness, random forest classification, Alpine environment

1. Introduction

(Haslmayr et al., 2016)

- 2. Study area and soil data
- 3. SEPP Soil Evaluation for Planning Procedures

5 4. Conclusion

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10 References

Haslmayr, H.P., Geitner, C., Sutor, G., Knoll, A., Baumgarten, A., 2016. Soil function evaluation in austria development, concepts and examples. Geoderma 264, 379 – 387. URL: http://www.sciencedirect.

Email address: Fabian.Gruber@uibk.ac.at (Fabian E. Gruber)

^{*}Corresponding author

com/science/article/pii/S0016706115300951, doi:https://doi.org/ 10.1016/j.geoderma.2015.09.023. soil mapping, classification, and modelling: history and future directions.