

Interactive comment on “Comprehensive evaluation of high rocky slope safety through an integrated analytic hierarchy process and extension matter model” by H. Z. Su et al.

Anonymous Referee #3

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This paper focuses on the evaluation problem of slope safety. Some mathematical methods, namely Analytic Hierarchy Process, Matter Element Analysis, Information Entropy, are combined to build the evaluation index system, determine the index weight and establish the evaluation model. An actual engineering is appraised by the proposed method. The topic is overall within the major scopes of Natural Hazards and Earth System Sciences (NHES). The paper presents an interesting approach. It implements the comprehensive analysis for the definite factors and the indefinite factors on slope safety. The proposed framework for analysis and evaluation of slope safety is practical. It is recommended that the authors consider the following points for clarification and completeness before their paper could be considered for publication: (1) The

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title is ambiguous. (2) English needs to be checked in preparing the final manuscript. (3) P15: In Section '5. Case study', it is suggested to give more details on the current situation of analyzed slope.

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