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Are objectives hierarchy related biases observed in practice? A meta-analysis of environmental and energy applications of Multi-Criteria Decision Analysis

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Highlights

- Meta-analysis of 61 real-world environmental and energy applications.
- Size and structure of the objectives hierarchy greatly affects objectives' weights.
- Risk of behavioural biases is highest in large, deep and asymmetric hierarchies.
- In large hierarchies less central objectives can inaptly override vital objectives.
- No evidence for the equalising bias was found.

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