

Cartography of cysticercosis risk factors in Itasy region, Madagascar

CONTEXT

Cysticercosis : parasitic zoonosis caused by *Cysticercus cellulosae*

Many study was already performed, identifying some cysticercosis risk factors

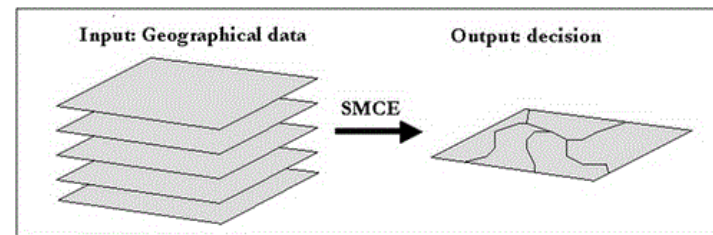
OBJECTIVES

- Modeling risk factors by their geographical importance
- Creating a decision map

METHODS

MCE (Multi-Criteria Evaluation) approach :

- ✓ Standardization
- ✓ Weighting
- ✓ Combination of card-issues



Spatial multi criteria evaluation (after Malczewski 1999).

EXPECTED RESULT

Risk map identifying suitable areas of *C. cellulosae* contamination

- orientation for research
- recommendations to decision makers and extension services



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