



## ABOUT ROBIN

ROBIN has assessed the role of biodiversity in terrestrial ecosystems in South and Mesoamerica in mitigating climate change. It has evaluated socio-ecological consequences of changes in biodiversity and ecosystem services under climate change.

# OPTamos – A DECISION SUPPORT TOOL FOR NATURAL RESOURCE AND LAND USE MANAGEMENT

## Introduction

Sustainable resource and land-use management is a complex goal with many competing interests and stakeholders involved. Multi-criteria evaluation methods can help to integrate stakeholder expertise and scientific knowledge.

In ROBIN we have developed OPTamos - Options for Participatory Transformation and Management of Sustainable Land Use – an online computer tool to support decision-makers.

OPTamos needs information on:

- possible land management options in a specific region
- criteria stakeholders consider relevant for decision making
- relative importance of options and criteria.

Introducing this information into OPTamos makes it possible to run an evaluation and obtain a ranking of preference for the different options.

## Who is ROBIN's OPTamos tool aimed at?

Land managers, decision makers, consultants, and researchers working at local and sub-national level may benefit from its use, since results from OPTamos can be used by those stakeholders in order to enable discussion, promote participation, and enhance the acceptance of measures.

## How was OPTamos developed?

We developed the tool by deriving land use options, decision guiding criteria, and their relative importance from stakeholder workshops in Latin American case studies, and comparing those options to national policies and supporting measures like Payment for Ecosystem Services and REDD+ schemes.

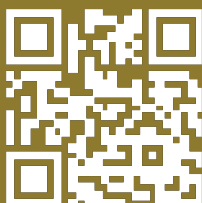




**OPTamos results are presented graphically and in a table**

## More information and access to OPTamos

- Singh, S., Smetschka, B., Ringhofer, L., Grima, N., Petridis, P., Biely, K. (2015). SMCE Toolkit – OPTamos software tool (Options for Participatory Transformation and Management of Sustainable Land Use). ROBIN project report
- Singh, S., Smetschka, B., Ringhofer, L., Grima, N., Lazos, E., Gerritsen, P., Manners, R. (2015). SMCE Implementation – Options for Participatory Transformation and Management of Sustainable Land Use (OPTamos). ROBIN project report
- To use OPTamos visit <http://robin-decisionsupport.aau.at>



**More information**  
[www.robinproject.info](http://www.robinproject.info)

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