An introduction to Systematic conservation planning with prioritzr

Louise O'Connor & Martin Jung

2024-05-24

Table of contents

Preface

Welcome to the training course in systematic conservation planning with the prioritzr.

Lorem ipsum ...

What you will learn

- The basic concepts of ILP
- How to prepare your input data
- Setup and run your first prioritization
- Analyse and intepret outputs
- Adding complexity to
- Advanced topics such as management zones

If you have already heard about the basic concepts of ILP then feel to jump to section 2.

In section Section 1.2 you fill learn about what ILP is.

Part I

Introduction to SCP

1 Introduction

This is a book created from markdown and executable code.

See Hanson *et al.* (2019) for additional discussion of optimality in linear programming.

1.1 Systematic conservation planning

1.1.1 Key concepts

1.2 Exact algorithms and integer programming

1.3 Tools and software

Part II

Preparing data

Part III

Solving a problem

Part IV

Adding complexity

Part V

Advanced topics

Glossary

Table 1.1: A glossary of key terms used in this Training course

Term	Abbrevication if any	Definition
Planning unit	PU	The fundamental unit at which decisions in SCP are realized. Can be of multiple formats such as grid cells or farms

References

Hanson, J.O., Schuster, R., Strimas-Mackey, M. & Bennett, J.R. (2019). Optimality in prioritizing conservation projects. *Methods in Ecology and Evolution*, *10*, 1655–1663.

A Installation of all software

Say something about Rstudio

Say something about R

Say something about R tools

Say something about R packages