

# DSV Seminars

# 2018



UNIVERSITÀ  
DEGLI STUDI DI TRIESTE



DIPARTIMENTO DI  
SCIENZE DELLA VITA

PhD Program in *Environmental Life Sciences*

**Thursday, 22 February 2018 10:00**

Seminar room, 1st Floor, Q Building

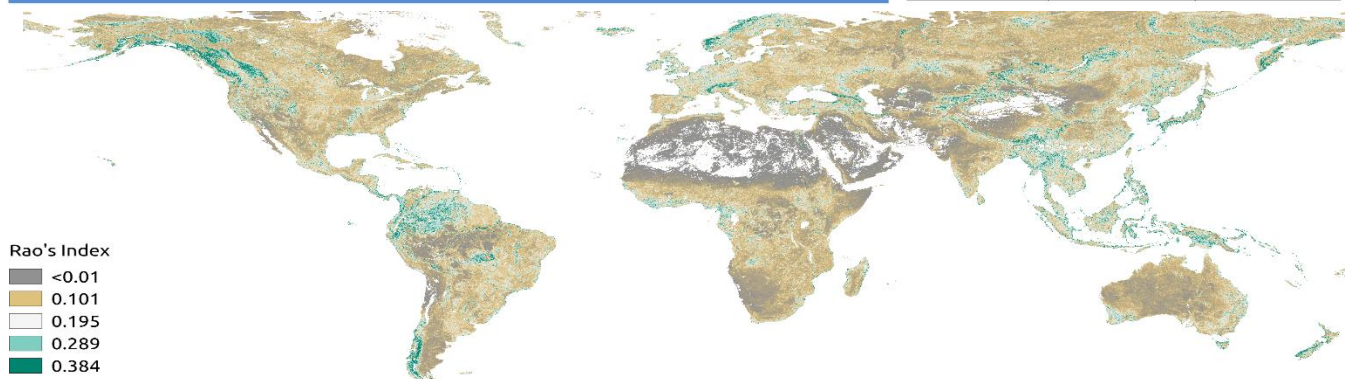
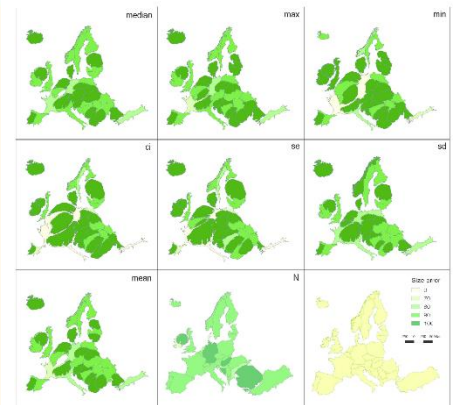
## Duccio Rocchini

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*Host: Giovanni Bacaro*

### Maps of ignorance in Species Distribution Modelling: unravelling the dirt under the carpet

Accurate mapping of species distributions is a fundamental goal of modern biogeography, both for basic and applied purposes. This is commonly done by plotting known species occurrences, expert-drawn range maps or geographical estimations derived from species distribution models. However, all three kinds of maps are implicitly subject to uncertainty, due to the quality and bias of raw distributional data, the process of map building, and the dynamic nature of species distributions themselves. In this talk I will review the main sources of uncertainty suggesting sound scientific methods to to minimize their effects.



Rao's Index

- <0.01
- 0.101
- 0.195
- 0.289
- 0.384