

E3TALK

February 21

12h00

Room 2.2.12, Ciências ULisboa

The Role of Conservation Detection Dogs in Ecological Monitoring and Species Conservation: A Catalyst for Advancing Biodiversity Protection

Conservation detection dogs are revolutionizing biodiversity monitoring and conservation efforts globally. These highly trained dogs use their exceptional olfactory abilities to locate endangered species, detect invasive threats, and assist in anti-poaching initiatives. Their speed and efficiency—covering vast, rugged terrains up to 40 times faster than human teams—make them invaluable in remote or post-catastrophic environments. In Australia, New Zealand, and beyond, detection dogs have been instrumental in tracking rare species and supporting ecosystem restoration.

This talk will explore the scientific principles behind conservation detection dogs, their role in enhancing ecological research, and their contribution to global biodiversity protection. By complementing traditional tools like camera traps and eDNA, detection dogs provide unique insights and help refine conservation strategies. Their integration into research and policy is driving sustainable conservation practices and fostering collaboration between scientists, governments, and local communities to address complex environmental challenges.



Rita Santos

Dogs for Nature

