wildlife.ai

Using artificial intelligence to accelerate wildlife conservation

ITU - Wildlife.ai
July 26th, 2023

Biodiversity Crisis

~ 1 million species face extinction unless action is taken to reduce the intensity of drivers of biodiversity loss - *IPBES (2019)*

Conservation practitioners need accurate & real time information

Images by Sami Kizilbash and Matthew Chauvin

From conservation to AI

Google-built AI software boosts NZ birdsong study

NEC AI expert Paul Mathews, left, and Victoria University researcher Victor Anton have re-trained AI software to recognise native birdsong. Photo / Supplied

Conservation-AI Gap

Community-led projects

Limited knowledge

Insufficient resources

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Conservation

Community

Education

Sustainable Development Goals

Wildlife.ai Projects

Marine ecosystems

Terrestrial biodiversity

Koster Seafloor Observatory

Wildlife Watcher

The challenge

Remotely Operated Vehicles

Baited Underwater Video

Wildlife.ai solution
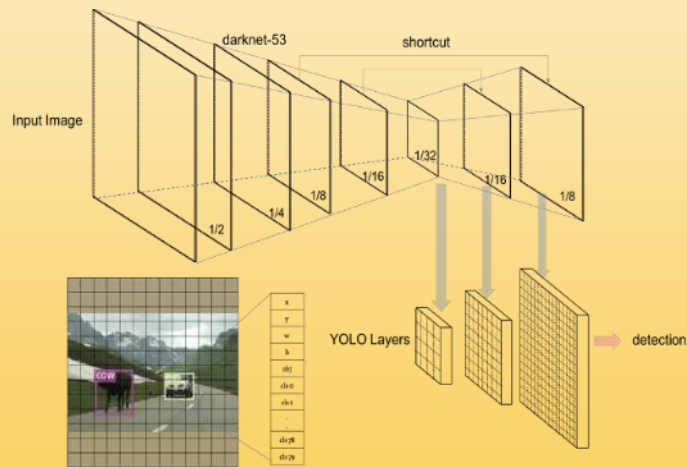
Citizen Scientists

Machine Learning

AI goes underwater
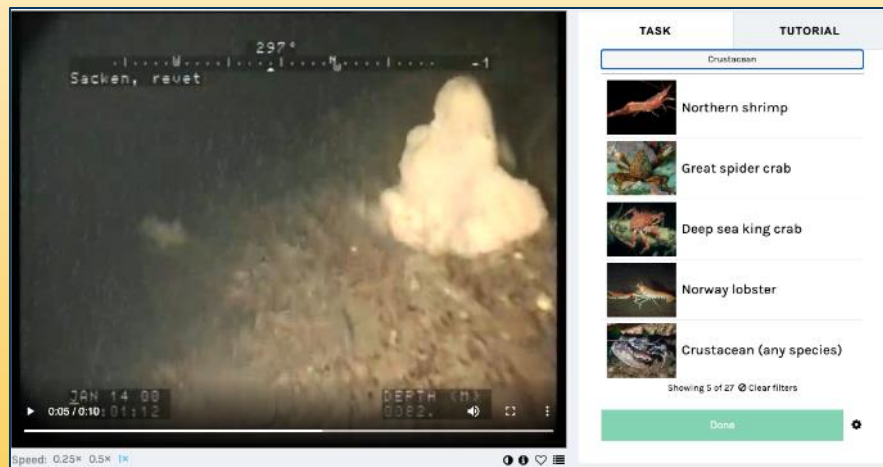
Global Impact

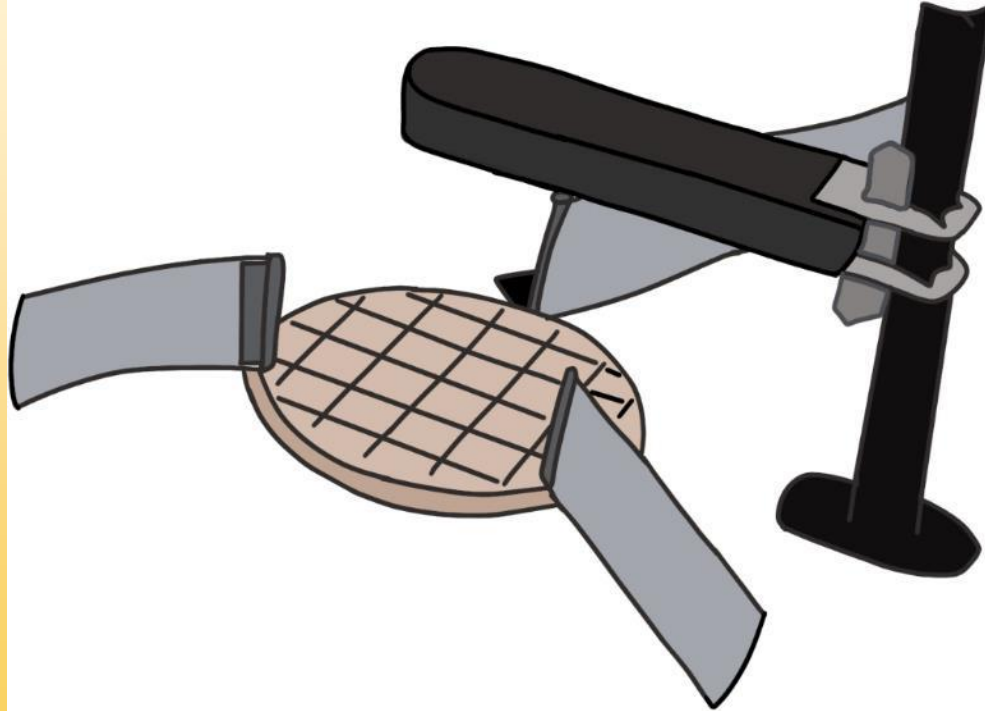**Marine env. monitoring**

Ocean literacy and education

Improved marine ecosystems

Local Challenge

Wildlife Watcher

Community Science

Global Impact

Wildlife Watcher

Multi-species monitoring

Real-time ecosystem health

Open-source community

Education

Educational courses

Education

Educational courses

Community events

Education

Educational courses

Community events

Industry reports

WILD ABOUT AI

ARTIFICIAL INTELLIGENCE FOR THE
Environment in Aotearoa New Zealand

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