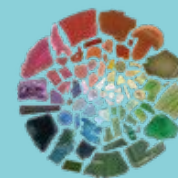




Do you want to collaborate with the Global Litter Observatory?



www.marinelitterlab.eu
Universidad de Cádiz (Spain)

What is GLO?

The **Global Litter Observatory** (GLO) is an initiative of the marinelitterlab.eu aimed at leveraging the efforts of Citizen Science to gather information on marine litter pollution. To achieve this, GLO is generating different tools to (i) facilitate the data collection process, as well as (ii) generate more scientifically valuable information.

Among these tools, GLO aims to facilitate the recognition and counting of litter through Artificial Intelligence (AI). However, getting the AI to be really good at recognising litter items requires intensive training. Thus, we are asking for **help by providing photographs to train the recognition algorithm**. If you can help us, below we explain how to take useful photos to train the AI.

Steps to take training images for litter recognition with AI

1

COLLECT
LITTER



The minimum size of identifiable objects is 2 cm, around the size of a cigarette butt or bottle cap.

2

CHOOSE A
SURFACE



Choose a flat and homogeneous surface, about 2 metres wide by 1 metre high. Sand or asphalt are optimal backgrounds. Avoid floors with geometric patterns, footprints or with leaves or stones.

3

PUT THE
LITTER



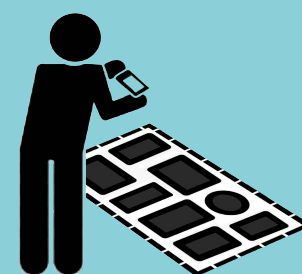
Place items separately, not overlapping. Avoid shadows from external elements such as trees or your own shadow.

4

TAKE A
PHOTO



Standing up, frame the image horizontally (landscape). Pay attention to the margins, avoid photographing your feet.



5

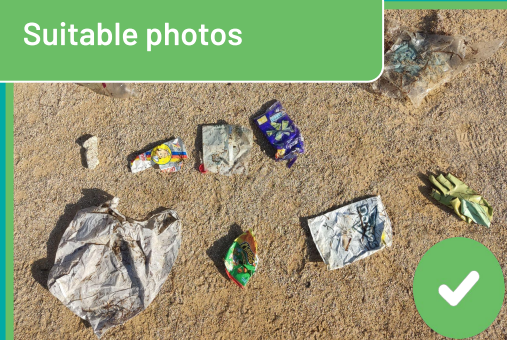
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