



A Cost-Efficient Standardised Methodology for Microplastics Analysis: Case Study of Cetaceans and Mediterranean Monk Seals Stranded On Samos Island Coastline, Greece

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Microplastics quantification



- Isolation & analysis of the entire digestive tracts



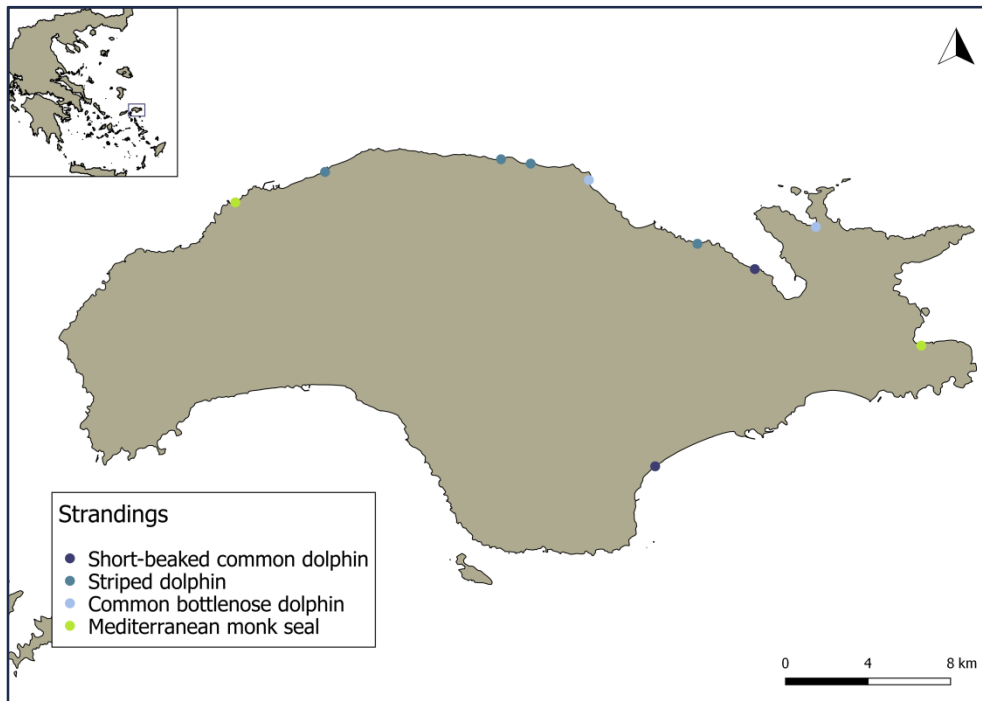
- Cost & time-efficient



- Safe



- Categorisation of microplastics (type, size, colour)



Stranding distribution in the study area: Samos island

Samples were collected from:

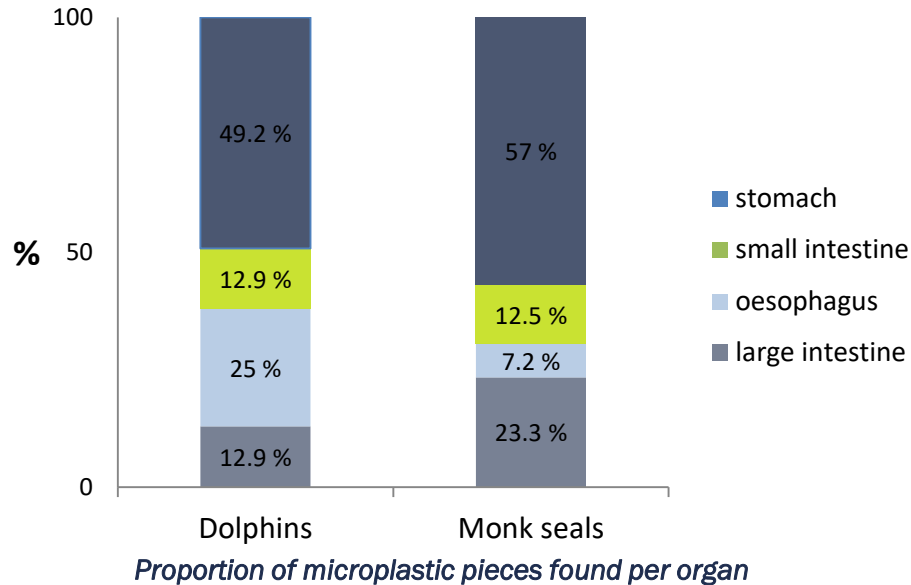
- 4 *Stenella coeruleoalba*
- 2 *Delphinus delphis*
- 2 *Tursiops truncatus*
- 2 *Monachus monachus*



Delphinus delphis stranded on Samos island



- 6808 microplastic pieces in total
- Yellow fibres between 0.2 - 0.5mm



- Data on endangered species
- Low-cost & time-efficient field methodology
- Adaptable to different contexts

**Contribution to research on
marine litter impact on
marine mammals**