

Generic Marine Debris Detection with Sentinel-2

Marc Rußwurm, Sushen Jilla Venkatesa, Devis Tuia

- Sentinel-2 images available of all coastlines every 2-5 days
- can we **automatically find generic marine debris candidates?**
(windrows, oceanic slicks, sarg.)

→ we built an deep learning based **MarineDebrisDetector** following data-centric ML principles

→ much fewer false positives than other approaches

difficult Durban scene April 24 2019

