



Geographic trends on aquatic plastic litter

FROM OBSERVATIONS IN CROWDWATER

Plastic pollution is from dispersed sources and clearly requires local action. Underlying report gives you insight in aquatic pollution status and trend per geography and allows benchmarking between locations. Publication is twice per year.

CrowdWater

CrowdWater is a citizen science platform from the University of Zurich. Surface water observations can publicly be registered online or via the app.

The CrowdWater platform is gaining more and more international recognition. Observations numbers are steadily growing.

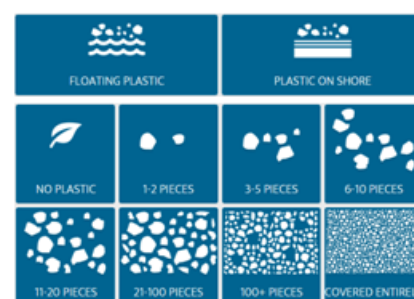


Data entry

Entries on plastic pollution start by indicating if the measurement relates to floating or shore plastics. Both entries share the same menu for number of observed plastics. A photo is requested to support the data. Observations are concluded with a time stamp.

Subsequent measurements at one specific geolocation are to be linked to the same geopoint.

Uploaded observations can instantly be viewed on an online map.



Geographic trends

CrowdWater's dataset is publicly available for download. Adequate numbers of observations allow to harvest status and trends per geographic location. You find it all here.

Subscription to this report is free. You can [register here](#)

Your own observations

CrowdWater is an open platform, anyone can contribute. The app can simply be downloaded from AppStore or GooglePlay. Click [this link](#) for more information.

How to read

Information on next pages is grouped per country and local entity. Obvious metrics are applied for classification of floating and shore plastic pollution. Colored labels make it clear at a glance. Aggregation per year shows the trends. Data are ordered by number of observations (parentheses)*.

Netherlands		FLOATING	ASHORE
Leiden	2019	CONSIDERABLY POLLUTED (61)*	CONSIDERABLY POLLUTED (6)*
	2020	CONSIDERABLY POLLUTED (89)*	PLAINLY POLLUTED (5)*
	2021	CONSIDERABLY POLLUTED (4)*	
Amsterdam	2019	PLAINLY POLLUTED (2)*	PLAINLY POLLUTED (1)*
	2020	CONSIDERABLY POLLUTED (1)*	
Rotterdam	2019	MODERATELY POLLUTED (24)*	PLAINLY POLLUTED (5)*
	2020	EXTREMELY POLLUTED (1)*	
Teylingen	2019	PLAINLY POLLUTED (6)*	MODERATELY POLLUTED (11)*
	2020	PLAINLY POLLUTED (1)*	
Zwolle	2020	PLAINLY POLLUTED (8)*	CONSIDERABLY POLLUTED (5)*
	2021	CONSIDERABLY POLLUTED (2)*	
Delft	2019	CONSIDERABLY POLLUTED (9)*	
	2020	CONSIDERABLY POLLUTED (3)*	PLAINLY POLLUTED (1)*
Amersfoort	2019	SLIGHTLY POLLUTED (9)*	MODERATELY POLLUTED (2)*
	2020	PLAINLY POLLUTED (1)*	
Maassluis	2019		SLIGHTLY POLLUTED (12)*
Den Haag	2019	PLAINLY POLLUTED (3)*	
	2020	PLAINLY POLLUTED (3)*	
Leiderdorp	2020	MODERATELY POLLUTED (4)*	
	2021	CONSIDERABLY POLLUTED (2)*	
Utrecht	2019	MODERATELY POLLUTED (1)*	
	2020	CONSIDERABLY POLLUTED (5)*	
Voorschoten	2020	PLAINLY POLLUTED (6)*	
Goeree-Overflakkee	2019		PLAINLY POLLUTED (4)*
Haarlemmermeer	2020	MODERATELY POLLUTED (1)*	PLAINLY POLLUTED (3)*
Noordwijk	2019	RELATIVELY CLEAN (2)*	
	2020	MODERATELY POLLUTED (1)*	PLAINLY POLLUTED (1)*
Hellevoetsluis	2019		SLIGHTLY POLLUTED (3)*
Pijnacker-Nootdorp	2020		CONSIDERABLY POLLUTED (2)*
Groningen	2019	CONSIDERABLY POLLUTED (1)*	
Moerdijk	2019	MODERATELY POLLUTED (1)*	
Oegstgeest	2019	MODERATELY POLLUTED (1)*	
Overbetuwe	2020		PLAINLY POLLUTED (1)*
Rhene	2020		SLIGHTLY POLLUTED (1)*
Texel	2019		PLAINLY POLLUTED (1)*
Urk	2020	CONSIDERABLY POLLUTED (1)*	
Vlaardingen	2020		PLAINLY POLLUTED (1)*
Wageningen	2020		PLAINLY POLLUTED (1)*
Zoeterwoude	2019	MODERATELY POLLUTED (1)*	

Malaysia		FLOATING	ASHORE
Majlis Perbandaran Klang	2019	CONSIDERABLY POLLUTED (145)*	CONSIDERABLY POLLUTED (2)*
Kuala Lumpur	2020	CONSIDERABLY POLLUTED (1)*	
Merang	2019	PLAINLY POLLUTED (1)*	

Switzerland		FLOATING	ASHORE
Amtei Thal-Gäu	2019	SLIGHTLY POLLUTED (23)*	SLIGHTLY POLLUTED (4)*
	2020	RELATIVELY CLEAN (7)*	MODERATELY POLLUTED (3)*
	2021	RELATIVELY CLEAN (2)*	PLAINLY POLLUTED (1)*
Bezirk Uster	2019	RELATIVELY CLEAN (16)*	
Bezirk Kreuzlingen	2021	PLAINLY POLLUTED (9)*	SLIGHTLY POLLUTED (4)*
Genève	2020	CONSIDERABLY POLLUTED (4)*	
	2021	PLAINLY POLLUTED (9)*	
Vernier	2020	MODERATELY POLLUTED (3)*	CONSIDERABLY POLLUTED (1)*
	2021	MODERATELY POLLUTED (6)*	PLAINLY POLLUTED (1)*
Amtei Olten-Gösgen	2019	PLAINLY POLLUTED (3)*	
	2020	MODERATELY POLLUTED (4)*	
Bezirk Weinfelden	2021	RELATIVELY CLEAN (3)*	SLIGHTLY POLLUTED (3)*
Bernex	2020	MODERATELY POLLUTED (4)*	
	2021		CONSIDERABLY POLLUTED (1)*
Bezirk Zürich	2019	MODERATELY POLLUTED (1)*	
	2020		MODERATELY POLLUTED (1)*
	2021	PLAINLY POLLUTED (2)*	PLAINLY POLLUTED (1)*
Amtei Solothurn-Lebern	2019	RELATIVELY CLEAN (2)*	
	2020	RELATIVELY CLEAN (1)*	
	2021	RELATIVELY CLEAN (1)*	
Maloja	2019		RELATIVELY CLEAN (1)*
	2020		RELATIVELY CLEAN (2)*

Onex	2021		SLIGHTLY POLLUTED (2)*
Bezirk Dielsdorf	2019	RELATIVELY CLEAN (1)*	
Bezirk Winterthur	2019	PLAINLY POLLUTED (1)*	
Milvignes	2019		HEAVILY POLLUTED (1)*
Neuchâtel	2019		SLIGHTLY POLLUTED (1)*
Sierre	2019	MODERATELY POLLUTED (1)*	
Wahlkreis Toggenburg	2020	MODERATELY POLLUTED (1)*	

Indonesia		FLOATING	ASHORE
Matraman	2020	CONSIDERABLY POLLUTED (18)*	CONSIDERABLY POLLUTED (14)*
Tebet	2020	CONSIDERABLY POLLUTED (15)*	CONSIDERABLY POLLUTED (17)*
Bekasi	2020	CONSIDERABLY POLLUTED (2)*	CONSIDERABLY POLLUTED (12)*
Jakarta Pusat	2020	CONSIDERABLY POLLUTED (4)*	HEAVILY POLLUTED (8)*
Depok	2020	EXTREMELY POLLUTED (1)*	CONSIDERABLY POLLUTED (7)*
Pasar Rebo	2020	CONSIDERABLY POLLUTED (1)*	CONSIDERABLY POLLUTED (5)*
Jagakarsa	2020	EXTREMELY POLLUTED (1)*	CONSIDERABLY POLLUTED (2)*
Pancoran	2020	CONSIDERABLY POLLUTED (1)*	CONSIDERABLY POLLUTED (2)*
Pasar Minggu	2020	PLAINLY POLLUTED (1)*	CONSIDERABLY POLLUTED (2)*

France		FLOATING	ASHORE
Seine-Maritime	2020	PLAINLY POLLUTED (8)*	
Haut-Rhin	2019		PLAINLY POLLUTED (2)*
	2020		SLIGHTLY POLLUTED (2)*
Hauts-de-Seine	2019	CONSIDERABLY POLLUTED (4)*	
Parijs	2019	CONSIDERABLY POLLUTED (4)*	
Le Havre	2020	PLAINLY POLLUTED (2)*	
Puy-de-Dôme	2019	PLAINLY POLLUTED (1)*	PLAINLY POLLUTED (1)*
Loire-Atlantique	2021		PLAINLY POLLUTED (1)*
Yvelines	2020	MODERATELY POLLUTED (1)*	

United Kingdom		FLOATING	ASHORE
Ceredigion	2020	PLAINLY POLLUTED (8)*	PLAINLY POLLUTED (9)*
Buckinghamshire	2019		PLAINLY POLLUTED (1)*
Hertfordshire	2019	CONSIDERABLY POLLUTED (1)*	
Torbay	2019		RELATIVELY CLEAN (1)*

Ecuador		FLOATING	ASHORE
Portoviejo	2020	MODERATELY POLLUTED (1)*	PLAINLY POLLUTED (7)*
Chone	2020	PLAINLY POLLUTED (1)*	CONSIDERABLY POLLUTED (1)*
Puerto López	2020	CONSIDERABLY POLLUTED (1)*	CONSIDERABLY POLLUTED (1)*
Azogues	2019		PLAINLY POLLUTED (1)*
Manta	2020		HEAVILY POLLUTED (1)*
Rocafuerte	2020		PLAINLY POLLUTED (1)*
Sucre	2020		SLIGHTLY POLLUTED (1)*

Kyrgyzstan		FLOATING	ASHORE
Bisjkek	2020	PLAINLY POLLUTED (1)*	CONSIDERABLY POLLUTED (3)*
Кожо-Ата	2020		CONSIDERABLY POLLUTED (3)*
Aksy District	2020		CONSIDERABLY POLLUTED (2)*
Аламундунский район	2020		CONSIDERABLY POLLUTED (2)*
Ала-Бука District	2019		HEAVILY POLLUTED (1)*
Beshtash	2020		PLAINLY POLLUTED (1)*
Kel'	2020	PLAINLY POLLUTED (1)*	
Talas District	2020	MODERATELY POLLUTED (1)*	
Панфиловский район	2020		PLAINLY POLLUTED (1)*

Argentina		FLOATING	ASHORE
Ingeniero Budge	2020	EXTREMELY POLLUTED (2)*	PLAINLY POLLUTED (2)*
Partido de Almirante Brown	2021	PLAINLY POLLUTED (1)*	PLAINLY POLLUTED (2)*
Villa La Florida	2021	PLAINLY POLLUTED (2)*	MODERATELY POLLUTED (1)*
El Jagüel	2020	PLAINLY POLLUTED (2)*	
Monte Grande	2020	CONSIDERABLY POLLUTED (2)*	
Aeropuerto Internacional Ez	2021	CONSIDERABLY POLLUTED (1)*	

Spain		FLOATING	ASHORE
Migjorn	2021		PLAINLY POLLUTED (4)*
Palma	2021		PLAINLY POLLUTED (3)*
Pla de Mallorca	2020		MODERATELY POLLUTED (1)*
Serra de Tramuntana	2021		MODERATELY POLLUTED (1)*

Greece		FLOATING	ASHORE
Περιφερειακή Ενότητα Λέσβ	2019	PLAINLY POLLUTED (5)*	PLAINLY POLLUTED (2)*
	2020		PLAINLY POLLUTED (1)*

United States of America		FLOATING	ASHORE
Cook County	2020	PLAINLY POLLUTED (2)*	
Galveston County	2020		CONSIDERABLY POLLUTED (2)*
Butte County	2020		HEAVILY POLLUTED (1)*
Essex County	2019	CONSIDERABLY POLLUTED (1)*	
Polk County	2021		PLAINLY POLLUTED (1)*
Sweden		FLOATING	ASHORE
Uppsala län	2019	CONSIDERABLY POLLUTED (4)*	
	2020	RELATIVELY CLEAN (2)*	
Germany		FLOATING	ASHORE
Bonn	2019	SLIGHTLY POLLUTED (2)*	
Freiburg im Breisgau	2019	CONSIDERABLY POLLUTED (1)*	
Brazil		FLOATING	ASHORE
Microrregião Diamantina	2020		MODERATELY POLLUTED (2)*
China		FLOATING	ASHORE
Chenghai	2020		PLAINLY POLLUTED (2)*
Iran (Islamic Republic of)		FLOATING	ASHORE
شهرستان تبریز	2020		HEAVILY POLLUTED (1)*
شهرستان گرگان	2021	MODERATELY POLLUTED (1)*	
Norway		FLOATING	ASHORE
Oslo	2019	MODERATELY POLLUTED (1)*	MODERATELY POLLUTED (1)*
Taiwan, Province of China		FLOATING	ASHORE
Kaohsiung	2019	CONSIDERABLY POLLUTED (1)*	
新北市	2020		CONSIDERABLY POLLUTED (1)*
Austria		FLOATING	ASHORE
Salzburg	2021	MODERATELY POLLUTED (1)*	
Bulgaria		FLOATING	ASHORE
Хисаря	2021		MODERATELY POLLUTED (1)*
Canada		FLOATING	ASHORE
Matawinie	2021	RELATIVELY CLEAN (1)*	
Chile		FLOATING	ASHORE
Provincia de Concepción	2020		MODERATELY POLLUTED (1)*
Colombia		FLOATING	ASHORE
Agrado	2020		PLAINLY POLLUTED (1)*
Denmark		FLOATING	ASHORE
Samsø Kommune	2020		SLIGHTLY POLLUTED (1)*
Italy		FLOATING	ASHORE
Sassari	2019		CONSIDERABLY POLLUTED (1)*
Morocco		FLOATING	ASHORE
cercle de Boulmane-Dadès	2020	MODERATELY POLLUTED (1)*	
Nicaragua		FLOATING	ASHORE
Granada (Municipio)	2020		CONSIDERABLY POLLUTED (1)*
Portugal		FLOATING	ASHORE
Aveiro	2020		PLAINLY POLLUTED (1)*