

1 **Table S1** Reported PFOS concentrations in the soil in African continent.

Locations	Prefix	Concentrations (ng/g)	Source of contamination	Reference
Uganda	UG1	0.60-3.00	Wastewater management from treatment plants	[1]
Mabira Forest Reserve, Uganda	UG2	0.01664	Atmospheric deposition (LRT), urban runoff	[2]
Nigeria	NG1	0.05-5.00	Solid waste dumpsites/ municipal waste	[3]
Jos, Nigeria	NG2	0.14	Atmospheric deposition (LRT)	[2]
Kenya	KE	57.50	Nairobi river water	[4]
Ghana	GH	2.60-275.30	Electronic wastes	[5]
Cape Town, South Africa	SA1	248.14	Contamination from river water	[6]
South Africa	SA2	0.12-1.49	Atmospheric deposition	[2]
Mapunguwe National Park, South Africa	SA3	0.00	Atmospheric deposition	[2]
Buea, Cameroon	CM1	0.01422	Urbanization	[2]
Edea, Cameroon	CM2	0.09059	Urbanization	[2]

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4 **Table S2** Reported concentrations of PFOS in plants across Africa (LOD-below level of
5 detection).

Country	Plant	Concentration (ng/g)	Source of Contamination	Reference
Kenya	General plants along Nairobi River basin	29.33	Multi-industry contamination of river water	[4]
South Africa	Medicinal plants (<i>Tagetes erecta</i> L.)	5.03	Irrigation with contaminated river water	[7]
Western Cape, South Africa	Riparian wetland Plants (Reeds)	<LOD	Contaminated river water and sediments	[7]
Ghana	Plants irrigated with wastewater	0.05-4.5	Waste treatment plants and landfills	[8]
Uganda	Maize cobs (<i>Zea mays</i>)	0.16	Contaminated water from Nakivubo wetland	[1]
Uganda	Sugarcane stems (<i>Saccharum officinarum</i>)	0.38	Contaminated water from Nakivubo wetland	[1]

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