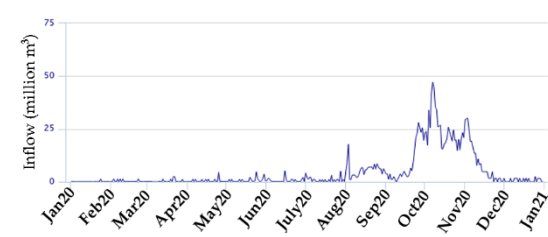


# Supplementary Materials



**Figure S1.** Water inflow of the Ubolratana Reservoir from Jan 2020- Jan 2021 [23].

**Table S1.** Risk level criteria for microplastic pollution [13].

Polymer Hazard Index (H)	Pollution Load Index (PLI)	Risk Level Criteria	
<10	<10	I	Low pollution
10-100	10-20	II	Moderate pollution
100-1,000	20-30	III	High pollution
>1,000	>30	IV	Extremely high pollution

**Table S2.** Polymer hazard score [25].

Polymer Type	Polymer Hazard Score
Polypropylene	1
Polyethylene	11
Polystyrene	30
Polyamine	47
Polyethylene terephthalate	4