

Table S1. Social-demographic information, knowledge, attitude and practice related questions towards plastic pollution.

A. Social-demographic		
Questions	Responses	References
What is your age range? (According to your last birthday)	18-30 31-45 46-60 Above 60	
What is your gender?	Male Female	
What is your highest education level?	Up to Secondary schooling Pre-university (college, diploma) University (Environment- related subjects) University (Non- Environment related subjects)	
What is your present occupation?	Jobs in Government sectors Jobs in private sectors Professional (physicians, lawyers, etc.) Business Homemaker Retired Student Unemployed	
What is your nationality?	Malaysian Non-Malaysian	
B. Knowledge		
Please provide your opinion on following statements:		
Most plastics are made from fossil fuels (example: natural gas, petroleum, coal, etc.).	Yes* No Maybe	(Azoulay et al. 2019)
Plastic affects human health and the environment at every stage of its lifecycle.	Yes* No Maybe	(Afroz et al. 2017; Azoulay et al. 2019)

Incineration/ Burning of plastic wastes can release toxic metals, organic substances, acidic gases, and other toxic substances to the air, water, and soils.	Yes* No Maybe	(Azoulay et al. 2019)
Discarded plastic, if digested, will not cause any harmful effect on organisms.	Yes No* Maybe	(Soares et al. 2021b)
Some cosmetic products contain plastic in it.	Yes* No Maybe	(Soares et al. 2021b)
Plastic will not degrade into plastic fragments.	Yes No* Maybe	(Soares et al. 2021b)
A plastic bag will take 10 years to degrade.	Yes No* Maybe	(Chen et al. 2021)
Degraded plastic fragments (e.g., microplastics, nano-plastics) can accumulate in the food chain and consume by humans.	Yes* No Maybe	(Soares et al. 2021b)
Microplastics can be inhaled through air.	Yes* No Maybe	(Azoulay et al. 2019)
Among municipal solid wastes produced in Malaysia, plastic wastes are the second highest in composition.	Yes* No Maybe	(Chen et al. 2021)
Malaysia is one of the top ten countries with mismanaged plastic waste in the world.	Yes* No Maybe	(Chen et al. 2021)
C. Attitude		
Do you think that plastic pollution is one of the biggest environmental problems of our time?	Yes* Maybe No	(Charitou et al. 2021)
Do you think the plastic pollution situation in Malaysia is severe?	Yes* Maybe No	
Do you think Malaysian government has sufficient effort in reducing plastic pollution?	Yes Maybe No*	
Do you think the public has the responsibility in reducing plastic pollution in Malaysia?	Yes* Maybe No	
Do you think an increase in public's awareness can help to reduce plastic pollution?	Yes* Maybe No	

Do you think littering or mismanagement of plastic wastes is one of the causes of plastic pollution?	Yes* Maybe No	
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Do you think that the taxation of single-use plastics in Malaysia could be an appropriate action toward reduction of plastic uses?	Yes* Maybe No	
Do you think that single-use plastics should be banned completely in Malaysia?	Yes* Maybe No	
Do you think plastic that ends up in landfills or the ocean can harm human health and the environment?	Yes* Maybe No	
Do you think you can stop using the single-use plastics in your daily life?	Yes* Maybe No	
Are you willing to use eco-friendly bags instead of plastic bags?	Yes* No Maybe	
D. Practices		
Do you separate plastic waste from other household wastes?	Yes* Sometimes No	
Do you recycle your plastic waste at home?	Yes* Sometimes No	
Do you use reusable bag(s) during groceries shopping?	Yes* Sometimes No	
Do you bring and use reusable container(s) to takeaway food or drinks?	Yes* Sometimes No	
Do you frequently purchase plastic-made product(s) or plastic-packaged product(s)?	Yes Sometimes No*	
Do you participate in plastic pollution related awareness creation campaigns?	Yes* Sometimes No	

Note: * indicates correct answer