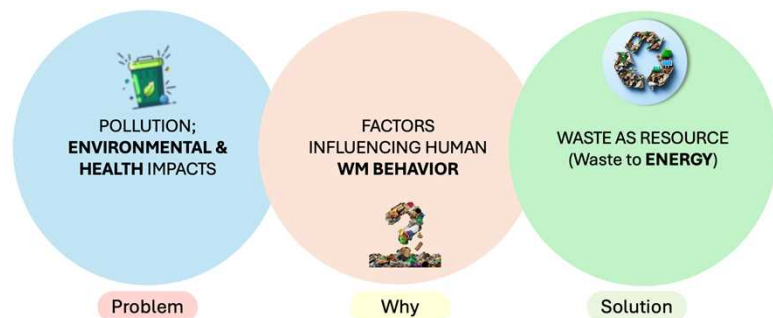


Title: PSYCHOLOGY OF WASTE MANAGEMENT (WM):A COMPARATIVE STUDY OF JAPAN & GHANA'S WM SYSTEMS

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Research Overview



Methodology



1.FtF Interviews; LG,WMC (Qualitative)



2. Questionnaire;stu&hse (Quantitative)

SOCIO-ECONOMIC 社会経済的要因

1. Awareness of Health Impact (Health)
2. Knowledge& Concern for the Environment(Env)
3. My Income Level (Inc)
4. My Educational Level (Edu)
5. Facility Availability (Faci)
6. Government Policies (Gov)
7. Cultural & Religious Beliefs (C&R)
8. Age
9. Gender

PSYCHOLOGICAL 心理的要因

1. Personal Attitude (PA) (*what I think about WM*)
2. Subjective Norm (SN) (*what others think abt me*)
3. Perceived Behavioral Control (PBC) (*thinking I am able to*)
4. Personal Norms (PN) (*my personal principles*)
5. Awareness of Consequences (AC) (*negative effects*)
6. Ascribed Responsibility (AR) (*feeling responsible*)
7. Perceived Risk (PR) (*thinking it's too dangerous*)
8. Perceived Benefit (PB) (*thinking its profitable*)
9. Perceived Susceptibility & Severity (PSS) (*I can fall sick*)

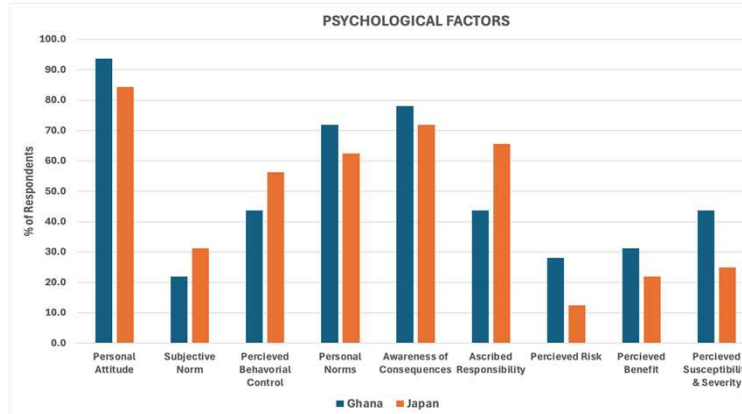
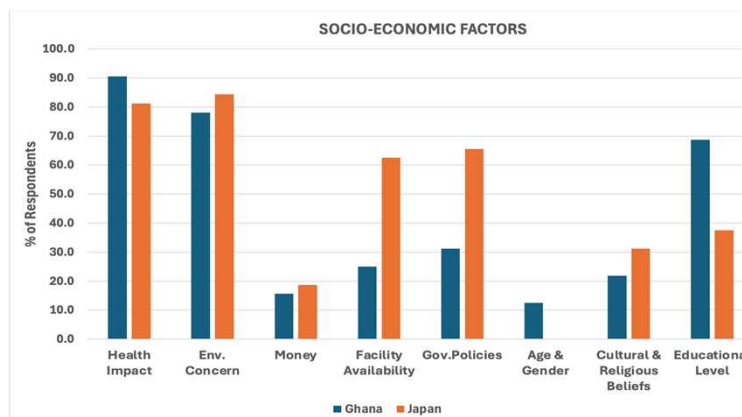
WMBehaviour (what I practice now)

Intention (what I plan to do)

Sample size 400. Gh 480, Jp...

Tools: Excel SPSS/R

Results



F	0.222996516
P(F<=f) one-tail	6.54077E-09
F Critical one-tail	0.658619943
t Stat	-16.2267921
P(T<=t) two-tail	3.43874E-28
Mean (both)	1.507936508
Average Jp	4.25
Average Gh	3.625

Tstat & P values of the Welch Ttest shows that there is a **statistically significant** difference between Japan & Ghana's WMB since P value is <0.05.

Pre-Survey results show which psychological and socio-economic factors influences Waste Management Behavior (WMB) of respondents in Ghana and Japan more.

The Goal is to understand the factors influencing (WMB) to advise policymakers and citizens on improving practices to achieve SDG 6 and SDG 12.