



SS301

Malaysian Women Empowerment Fisheries Index (M-WEFI): A Climate Change Adaptation Strategy

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1. Introduction
2. Objective
3. Methods
4. Findings
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FGD session with female JPKK/CSO participants, Pasir Panjang, Sabak Bernam (24 January 2025)



Gendered Impacts of Climate Change

- Climate impacts deepen existing social and economic disparities (Anjum & Aziz, 2025) and natural-resource-dependent communities are at high risk (Fischer, 2018)
- Vulnerable populations face loss of income, displacement, and food insecurity, exacerbating inequality (Elver & Oral, 2021),
- Men face migration pressures, economic risks, and livelihood instability (Osman, & Abebe, 2023) especially disabled men in coastal communities (Saidi et al., 2021)
- Women bear greater responsibility for food security, caregiving, and household stability (Iseme-Ondiek et al., 2025), and they earn less income due to low academic background (Zainalaludin et al., 2023)



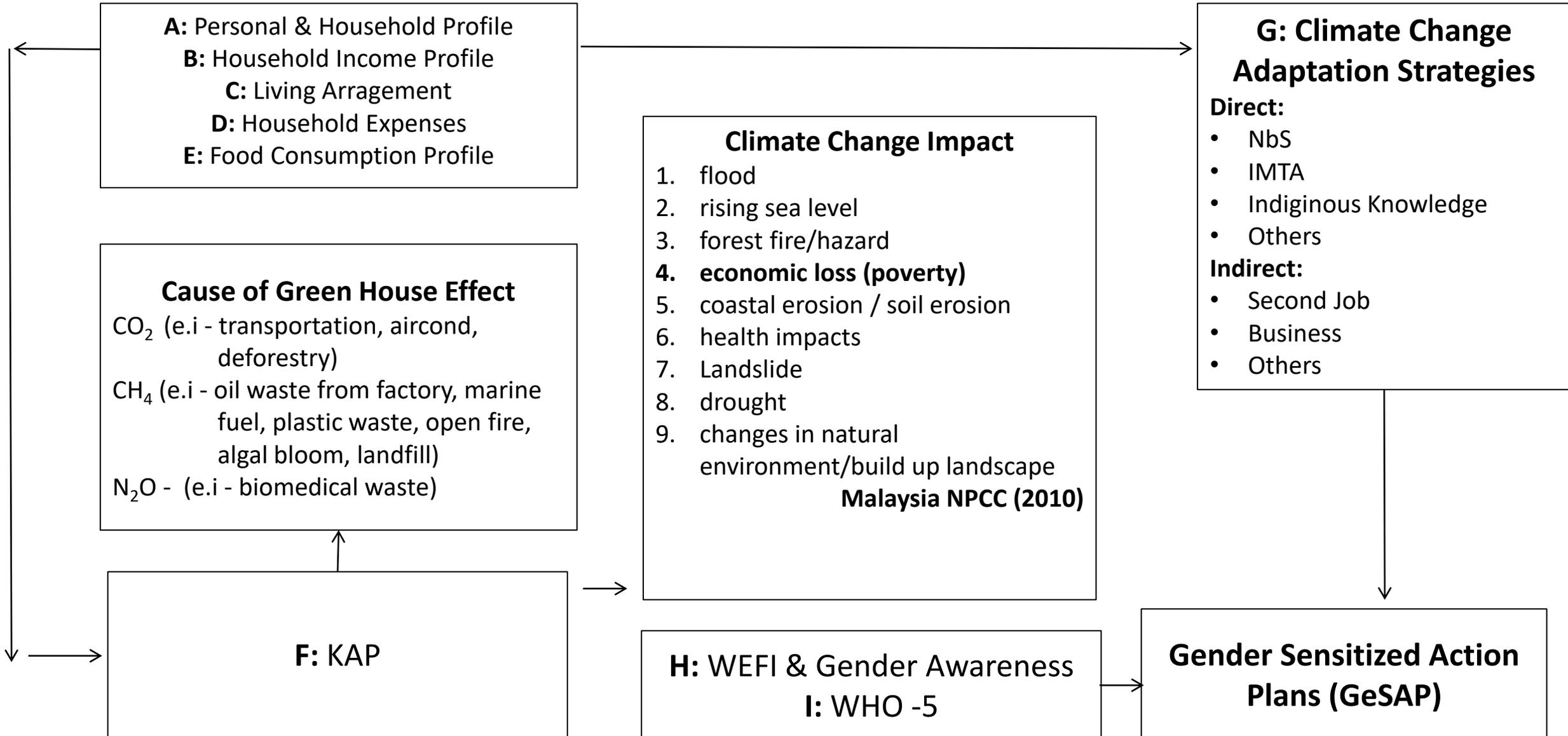
- Malaysia is a coastal country with 1972 km of coastlines (Peninsular Malaysia) and 4809 km in total coastlines, and 189 river basins, which is 80 sq.km in size.
- These geographic indicators caused Malaysians vulnerable to the impact of climate change especially the women community members who stay in coastal area or in the river basins.



Objective

This paper aims to share a proposal on Malaysian Women Empowerment Fisheries Index (M-WEFI), to get insight from expert and professional.

IDRC Research Framework





M-WEFI

- Poverty is the socioeconomic impact of climate change
- Women are more vulnerable to poverty than men
- M-WEFI is to cater all community members because they are in the environment that are vulnerable to climate change
- The indicators in M-WEFI are essential for GESI in developing Climate Change Adaptation Strategies





A-WEFI

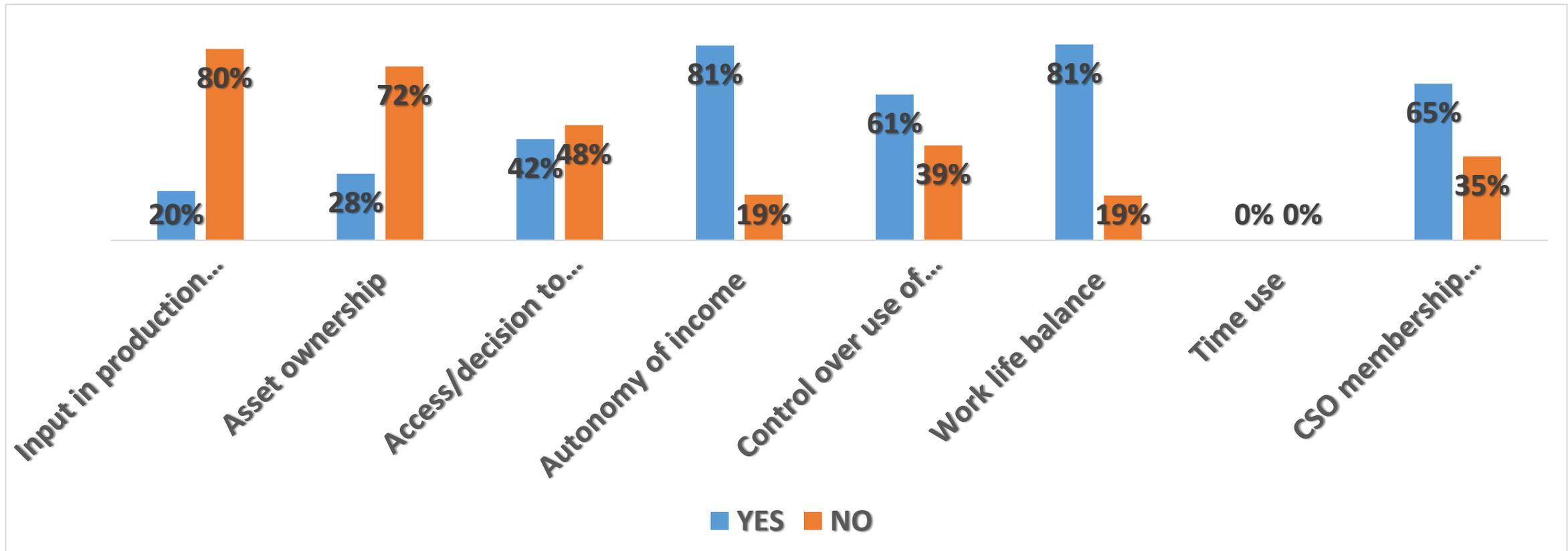
- A. production
- B. resource
- C. income
- D. time
- E. leadership

M-WEFI

1. input in productive decision
2. asset ownership
3. access to/and have decision on financial services
4. autonomy of income
5. control over use of income/resources
6. work life balance
7. time use
8. CSO membership and leadership



FINDINGS & DISCUSSION



A - WEFI

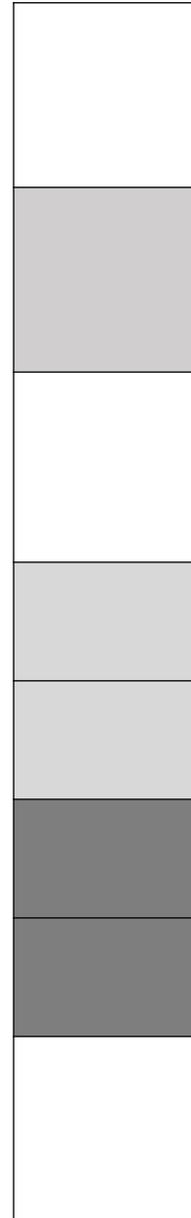
Production

Resource

Income

Time

Leadership



M - WEFI

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Suggest ONE concept of M-WEFI from your research perspective



<https://www.menti.com/al4jk5f75h1i>



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