

**HEALTH RESEARCH PRIORITIES FOR 12TH MALAYSIA PLAN (12MP-HRP)**

**RESEARCH UPTAKE (2021-2023):**

# **ENVIRONMENTAL & DISASTER RISKS**

**PRESENTER: DR MAZNIEDA MAHJOM**

**HEALTH RESEARCH  
PRIORITIES FOR  
12<sup>TH</sup> MALAYSIA PLAN  
(12MP-HRP) 2021-2025**



# TECHNICAL WORKING GROUP (TWG)

## ENVIRONMENTAL & DISASTER RISKS

### Chairperson

Dr Norlen Mohamed (2021-2024)

- Dr Maria Suleiman
- Dr Anis Salwa Kamaruddin
- Dr Nik Khairol Reza Md Yazin
- Dr Rosnawati Muhamad Robat
- Mdm. Nurul Aiman Nafisah  
Khairuddin
- Dr Zuraida Mohamed
- Dr Priya Ragunath
- Dr Rafiza Shaharuddin
- Dr Rohaida Ismail
- Mdm. Bariah Bakri

# NATIONAL PROBLEM

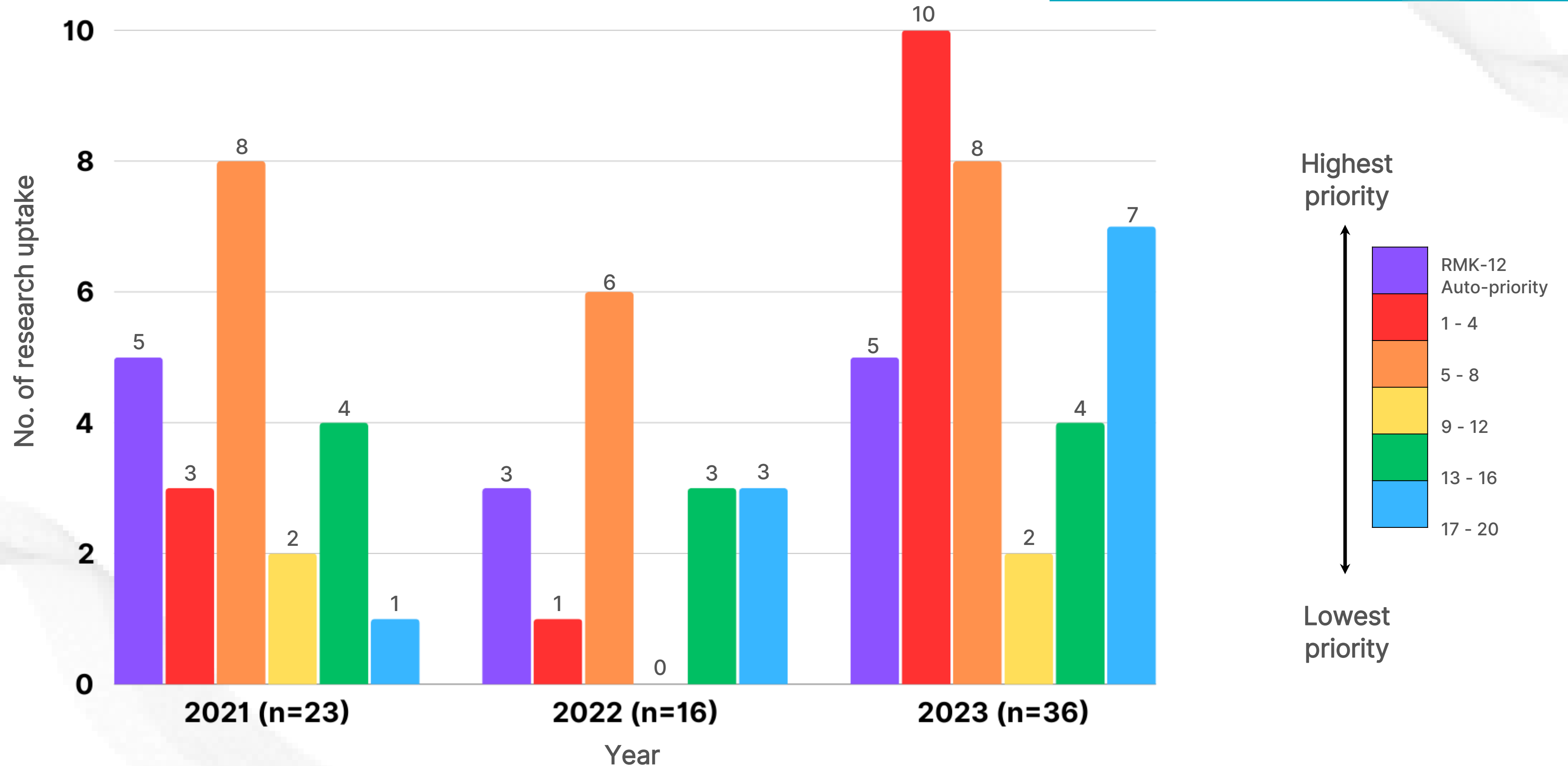
## ENVIRONMENTAL & DISASTER RISKS

- Disaster risks environmental health and safety
- Disaster and health risks in man-made disasters (industrial)

# RESEARCH UPTAKE 2021-2023 (N=75)

\*From NMRR Registration

## ENVIRONMENTAL & DISASTER RISKS

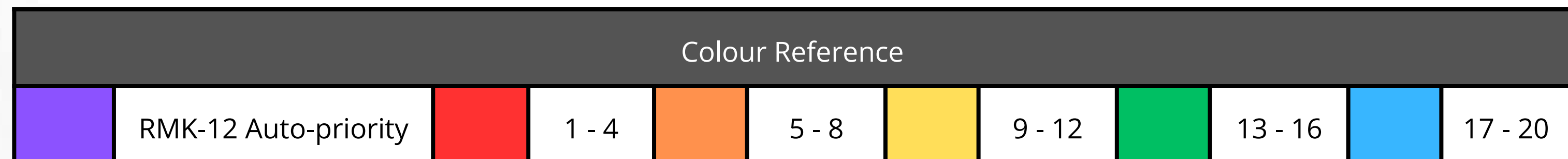
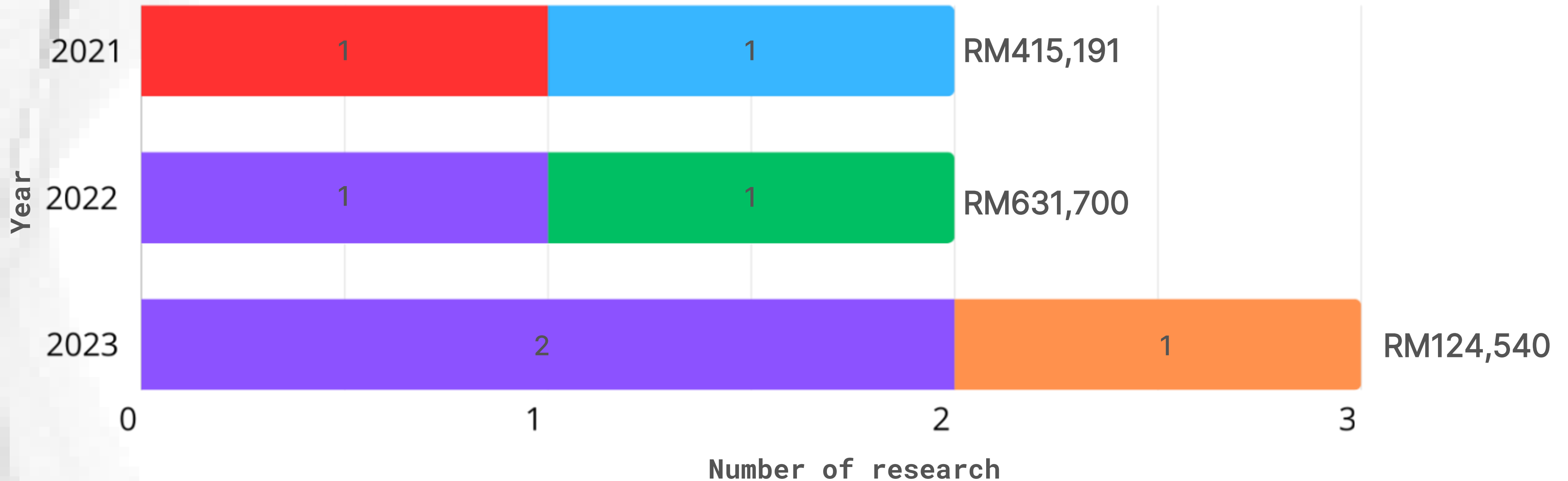


# RESEARCH UPTAKE 2021-2023

MOH Research Grant (MRG)

7/75 (9.3%) - RM 1,171,431

ENVIRONMENTAL &  
DISASTER RISKS





# ENVIRONMENTAL & DISASTER RISKS

## SUMMARY ON RESEARCH UPTAKES (2021-2023)

2021: **Highest** research uptakes on **orange range**:

- Environment health and safety (occupational health) - Prevalence, Intervention

2022: **Highest** research uptakes on **orange range**:

- Disaster and health risk in man-made disaster (industrial) - Risk assessment, Health effect

2023: **High** research uptakes on **red and orange range**:

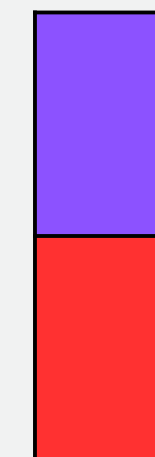
- Red range: Environment health and safety (air pollution) - Burden of diseases, Assessment
- Orange range: Environment health and safety (occupational health) - Intervention, Health effect

Colour Reference (from the highest rank to the lowest rank)



# RECOMMENDATIONS OF RESEARCH SCOPE

## ENVIRONMENTAL & DISASTER RISK



RMK-12  
Auto-priority  
1 - 4

### ⚙ ENVIRONMENT HEALTH AND SAFETY

Research Scope: Climate change and health

### ⚙ ENVIRONMENT HEALTH AND SAFETY - URBANIZATION

Research Scope: Urbanization

**\*Recommendations based on research uptake 2021 – 2023**





THANK YOU