

Celebrating World Environmental Health Day in PETRONAS

Petroleum Nasional Berhad (PETRONAS), is a dynamic global energy group with presence in over 100 countries, producing and delivering energy and solutions that power society's progress.

Release of PETRONAS corporate video on World Environmental Health Day 2024

The World Environmental Health (WEH) Day is celebrated annually in PETRONAS as part of our annual Product Stewardship & Toxicology Community of Practice Forum.

As the COP28 climate summit held in Dubai in 2023 concluded with an agreement by 133 governments on the need to “transition away from fossil fuels in energy systems in a just, equitable and orderly manner”, PETRONAS, as an energy company is committed to reducing emissions. This is demonstrated by the integration of our Net Zero Carbon Emissions by 2050 Pathway into the PETRONAS Energy Transition Strategy. Fostering a just transition to lower-carbon society means we commit to a just transition which respects human rights, including the rights to a healthy environment.

In conjunction with WEH Day 2024, we released a corporate video that will be displayed across our global operations to raise awareness on environmental health.

[Insert attached video titled WEHD 2024 Video here]

Promoting awareness on health aspect of climate change

Recognizing that bringing together a healthy environment requires a collaborative whole-of-society approach, the 2024 WEH Day in PETRONAS brought together a technical session to discourse on “Navigating Environmental Health in Climate Change & Just Transition”. The session featured panelists from key environmental health agencies in Malaysia such as Ministry of Health (MOH), National Environmental Health Action Plan (NEHAP) Environmental Health Experts, academicians from National University of Malaysia (UKM)'s and International Islamic University Malaysia (IIUM), and PETRONAS. Various topics were covered including the impacts and challenges of climate change on urban residents and workers, the oil & gas industry, and the concept of a just transition from human rights, health and legal perspectives. In addition, we have successfully launched the Environmental Health Geographic Information System (EH GIS) as a data driven solution for Human Health Risk Assessment (HHRA) results. Proof of Concept was showcased during the event to the audiences - allowing hands-on of the data visualization technology of EH GIS and the opportunity to explore capabilities of the new digitalized system at their fingertips. Targeting hard launch by 2025, EH GIS enables users to visualize thousands of data, transforming complexity into clarity.



Figure 1: Panel Discussion on Navigating Environmental Health in Climate Change & Just Transition



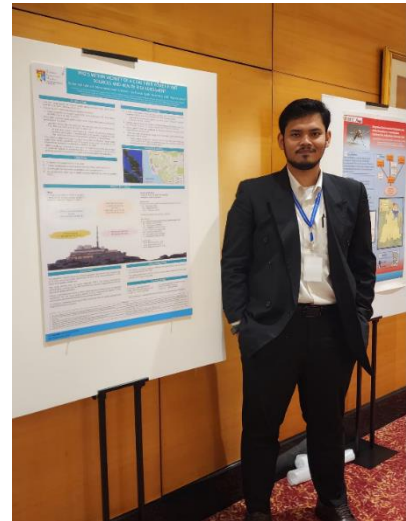
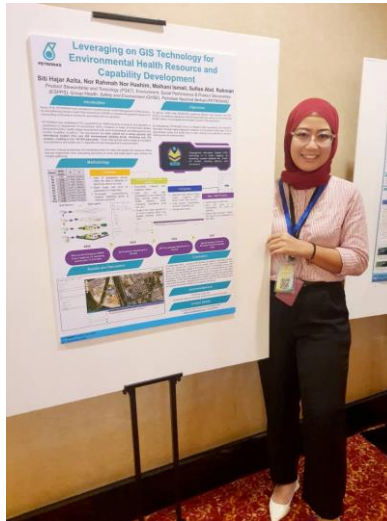
Figure 2: Environmental Health Technical Session Panelist and Attendees



Figure 3: Launch of PETRONAS' Environmental Health Geographic Information System (EH GIS)

Networking with NEHAP members in Kuala Lumpur

PETRONAS were also invited to the 10th NEHAP Conference on 26 September and participated in poster presentations.



PEMBENTANG POSTER



PM2.5 Within Vicinity Of A Coal-fired Power Plant: Sources and Health Risk Assessment

Suffian bin Abdul Rahman
PETRONAS



Hazard Assessment for Hazardous Air Pollutants from Petroleum Refineries Using Multi-Country Regulatory Database

Maihani binti Ismail
PETRONAS



Leveraging on GIS Technology for Environmental Health Resource and Capability Development

Siti Hajar binti Azita
PETRONAS

These initiatives in conjunction with WEH Day are part of PETRONAS' journey towards achieving our aspiration to be the energy and solutions partner enriching lives for a sustainable future.