



Climate Change & Workplace Heat Stress Report

Source: WHO

The [World Health Organization \(WHO\)](#) and [World Meteorological Organization \(WMO\)](#) released a joint report, *Climate Change and Workplace Heat Stress*, highlighting the **escalating global health risks of extreme heat for workers worldwide** due to **climate change**.

Heat- Stress Impact on Workers

▪ Key Findings:

- **Extreme heatwaves** are becoming **more frequent and intense**, with daytime temperatures **exceeding 40-50°C in many regions**, affecting both **outdoor and indoor workers**.
- **Worker productivity drops 2-3% per degree above 20°C**. **Health risks** including **heatstroke, dehydration, kidney, and neurological disorders**, which now impact **half the global population**, with **heat stress spreading beyond equatorial regions**.
- **Over 2.4 billion workers face excessive heat globally**, causing **22.85 million occupational injuries annually (ILO)**.

▪ Vulnerable groups: Manual workers in agriculture, construction, and fisheries; middle-aged and older adults; low-income populations; children and elderly in developing countries.

▪ Recommendations: Formulate occupational heat-health policies; raise awareness among workers, employers, and health professionals; engage stakeholders in co-creating locally relevant strategies.

- Implement **practical, affordable, and sustainable solutions**; leverage **technology**; promote **research and evaluation**.
- It aligns with **UN SDG 3 (Good Health and Well-being)**, **SDG 8 (Decent Work and Economic Growth)**, and **SDG 10 (Reduced Inequalities)**.

Read More: [Heat Waves in India](#)

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