



Global Heat Health Information Network

Overview for Network Partners

October 2025

Welcome to the world's foremost network of experts on extreme heat and human health.

The **Global Heat Health Information Network** is a dynamic community of policymakers, scientists, practitioners, working together for a world where **extreme heat is no barrier to lives and livelihoods**.

The Network accelerates heat action through **three goals**:

The Network was founded in 2016 by the World Meteorological Organization (WMO), World Health Organization (WHO), US National Oceanic and Atmospheric Administration (NOAA), and a team of international government representatives and experts, with the belief that a global space to actively share and learn about the impacts and responses to a rapidly warming world was urgently needed to protect at-risk communities.

Today, we provide thought leadership through science and consensus from diverse actors with common values. We cultivate opportunities to generate and elevate decision-relevant knowledge that empowers policy, science, and society to innovate and proactively manage the risks of rising temperatures driven by climate change.

1

Connect and empower people and institutions to form multi-disciplinary partnerships to reduce heat risks.

2

Accelerate the generation of evidence, actionable knowledge, and standardized guidance and risk metrics.

3

Catalyse global, national and local policy and action to minimize societal consequences of heat impacts.



Organization

The Network is an initiative of WMO, WHO, and NOAA. The **Technical Support Unit (TSU)** provides global coordination and management and is housed at the World Meteorological Organization in Geneva.

Regional Hubs drive the Network's goals, activities and partnerships at the regional level by bringing together leading partners with strong technical expertise and regional understanding .

Partners

The Network has three types of partners: Financial partners, contributing partners, and individual members. All partners are invited to participate in the open consultative group which meets once a year virtually.

A partnership application and approval process is overseen by the TSU and Global Committee. New contributing partners are reviewed and accepted on a quarterly basis by the appropriate leadership team.

Individual members are subject matter experts who directly contribute to Network activities and are listed in the public roster of experts.

Support

The breadth of the Network's impact is facilitated by our ability to leverage the expertise and projects of our contributing partners and experts in a timely manner.

Network activities are currently supported by Wellcome, Health Canada, and the National University of Singapore. A financial trust fund for the Network is managed at WMO.

Southeast Asia

Heat Resilience and Performance Centre (HRPC),
Yong Yoo Lin School of Medicine,
National University of Singapore

South Asia

Coming in 2026

Latin America

Coming in 2026

Africa & Middle East

Scoping to begin in 2026

North America

National Integrated Heat Health Information System (NIHHIS),
National Oceanic and
Atmospheric Administration

Leadership

The **leadership team** is composed of global and regional committees, serving three year terms. Each committee comprises 15–20 experts representing government, United Nations agencies, academia, and civil society partners, including youth.

Committee members bring technical expertise from a range of disciplines, including public health policy and practice, medicine, epidemiology, biometeorology, climate science, urban planning, child and worker protection, disaster management, and engineering.

Thematic working committees come together on a temporary basis to deliver specific projects or products.

Meet our Committees

- Global Management Committee (25 experts)
- Regional Steering Committees:
 - Southeast Asia (15 experts)
 - Latin America (15 experts – 2026)
 - South Asia (15 experts – 2026)
 - North America: USA and Canada represented on global committee
 - Africa and Middle East (forthcoming)

Meet our Global Management Committee >

Partners represented by Network Committee Members, 2024–2026

Institutional partners

World Health Organization (WHO)
International Labour Organization (ILO)
World Meteorological Organization (WMO)
United Nations Children's Fund (UNICEF)
Economic and Social Commission for Asia and the Pacific (UNESCAP)
Asian Disaster Preparedness Center (ADPC)
Asian Development Bank (ADB)
Red Cross Red Crescent Climate Centre
International Federation of Red Cross and Red Crescent Societies (IFRC)
Natural Resource Defense Council (NRDC)

Government partners

South African Medical Research Council
Health Canada
Santé Publique France
Ministry of Health Singapore
US National Atmospheric and Oceanic Administration (NOAA)
UK Met Office
Singapore National Environment Agency
African Center of Meteorological Application for Development (ACMAD)
Indian Institute of Tropical Meteorology (IITM)
California Public Health Institute

Academic partners

University of Washington
University of Sydney
University of Arizona
University of Hong Kong
London School of Hygiene and Tropical Medicine
National University of Singapore
José C. Paz National University



Southeast Asia regional stakeholder mapping discussion. Photo: HRPC team / July 2024

In Focus Projects

Accelerating heat health warning services

The WMO global initiative to scale up the co-production and use of climate services for health will focus on enhancing extreme heat services worldwide and leverage GHHIN as an implementing mechanism.

Country projects will enhance extreme heat services in at least ten high-risk countries, depending on local needs, such as impact based early warning system development and deployment, conducting heat mapping, and supporting integration of national strategies to institutionalize heat risk governance.

Synthesizing heat impact evidence in global scientific report

WMO and GHHIN are producing the first [global scientific synthesis report](#) focused on the health impacts of extreme heat.

This report will consolidate the best available science to answer key policy questions and support evidence-based decisions to reduce extreme heat risks worldwide. Release in 2026.

Enhancing journalism and communication of heat risks

GHHIN and partners are working with global and regional media partners. A [guidance brief of recommendations for journalists](#), editors and others working in the media and communications sector helps better communicate how extreme heat and heat health narratives and imagery can help save lives and drive action.

What to expect in 2026

Amplification of engagement:

- **New Regional Hubs** in Latin America and the Caribbean and South Asia will expand reach and scope of the Network, in addition to existing Southeast Asia Hub. Scoping will be underway for future hubs in the Africa and MENA regions.
- **Technical support to respond to UN's Call to Action on Extreme Heat** to help improve understanding and harmonization approaches across sectors.
- **Expanded outreach** through [heathealth.info](#), monthly newsletter, social media, and the launch of the Heat Open Forum dialogue series

Focus on delivering:

- **Global scale-up of heat advisory and early warning services** to meet the targets of UN's Initiative Early Warnings for All.
- **Enhanced heat risk governance** to scale the development of cross-sectoral heat-centered governance efforts and Heat Action Planning, including analysis of the "Heat Action Plan Inventory", dialogue across UN partners/sectors, and development of a common framework.
- **Improvements in multi-sectoral heat risks and impact data**, through enhanced standards, good practices, and technology use.
- **Improved knowledge** on the state of extreme heat risks through a high-level global assessment report for decision-makers.
- **New technical tools and resources on [heathealth.info](#)**, including masterclasses, a scoping review and a "what works" solution platform, and heat services toolbox.



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