# Formalize the GHHIN Governance and Leadership

**Core Team (2016-2017)**

* Joy Guillemot WMO/WHO Joint Office
* Juli Trtanj NOAA, Climate Program Office
* Hunter Jones NOAA, Climate Program Office

**An ad-hoc Steering Committee** has shaped the development of GHHIN in 2016. Recommendations from the ad-hoc committee are needed to identify others who should be invited to the formalized committee.

**Public Health Experts**

* Kris Ebi\* Professor, Global Health, University of Washington, Seattle
* Shubhayu Saha US Centers for Disease Control
* Angie Bone/Tom Waite Centre for Radiation, Chemicals and Environmental Hazards Public Health England
* Kim Knowlton Natural Resources Defense Council
* Pat Kinney\* Boston University

**Climate and Meteorology Experts**

* Kumar Kolli WMO, Climate Prediction and Applications
* Hannah Nissan Columbia University -IRI,
* Glen McGregor Professor, Durham University
* Yolanda Clewlow UKMet
* Andreas Matzarakis Research Centre Human Biometeorology DWD

**(Suggested Members need to be identified – considering geographic and thematic expertise)**

EUROPE

* Mathilde Pascal, InVS Santé publique France
* Hans Guido Mucke, Germany Federal Environment Agency (UBA)
* Sari Kovats, LSHTM
* CRU, University of East Anglia
* Reija Ruhela, Finnish Meteorological Institute

NORTH/SOUTH/LATIN AMERICA

* Solomon Hsiang, Economic Impacts of Climate – UC-Berkeley
* Mexico SMN or COFEPRIS or INSP ? Jorge L. Vazquez (University of Veracruz)or Grea Litai Moreno Banda INSP
* Peter Berry, Health Canada
* Dave Henderson Senior Advisor, Health and Air Quality Services, Meteorological Service of Canada
  + Or Sharon Jeffers, Met Service, ECCC, Canada
* Philippe Gachon (Ph.D) Centre pour l'Étude et la Simulation du Climat à l'Échelle Régionale (ESCER), Université du Québec à Montréal

ASIA/AUSTRALIA

* Tiantian Li, China CDC; Dr. Jin Yinlong, China CDC
* Emily Chan, Director CC - Medical/ Disaster & Humanitarian Response Chinese University of Hong Kong Chao REN, Associate Professor, School of Architecture, The Chinese University of Hong Kong
* Somenath Dutta, India Meteorological Department
* Vidya Venugopal, Univ Chennai – WHO Collaborating Center Occupational Health
* Tord Kjellstrom, ANU Occupational Health, Australia
* Sarah Perkins-Kirkpatrick (Climate Change Research Centre, UNSW, Australia)
* Vietnam, Center for Community Health and Development (COHED), Lan Hoang, Phuong Hoang Nguyen
* Japan Dr. Honda
* Korea Dr. Ho Kim

AFRICA

* ANACIM- Senegal [mariane.diopkane@anacim.sn](mailto:mariane.diopkane@anacim.sn)

# ACASIS Project - Alerte aux Canicules Au Sahel et à leurs Impacts sur la Santé Senegal/Sahel / Centre de Recherche en Santé de Nouna - Burkina Faso Serge JANICOT (Laboratoire d'Océanographie et du Climat : Expérimentation et Approches Numériques) [jslod@locean-ipsl.upmc.fr](javascript:linkTo_UnCryptMailto('jxfiql7gpilaXilzbxk:fmpi+rmjz+co');)

It would be good to add more names from middle income countries, such as Thailand.  I also suggest adding researchers from Japan and Korea; there are excellent scientists in both countries; you might consider Dr. Honda and Dr. Ho Kim.

# Overview of GHHIN Committees

The Global Heat Health Information Network (GHHIN) seeks to enhance existing efforts to reduce the human health risks associated with extreme ambient heat and to spur new engagement to advance this shared cause. Key to this enterprise is bridging implementation, governance, research, and communication gaps that have resulted in under-evaluated risk reduction interventions, lack of communication across disciplines and national heat and health practitioners, and poor articulation of research and operational needs. As such, the establishment of a proper governance mechanism for GHHIN, allowing for efficient communications and decisions, is essential to success. This document outlines several committees, their roles and their interactions. These committees are seen as the essential engines for discussion, decisions, execution of GHHIN services for members, and engagement. The guiding principles for this structure are efficiency and representativeness.

The following structure is envisioned: two executive level committees, two working groups, and regional bodies represented by a separate executive committee per region. Below figure provides a visual representation of these bodies and their relationships.

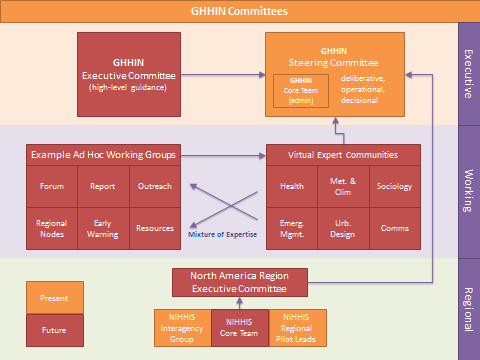


Figure 1. Schematic of GHHIN Committees and Organizational Structure

# GHHIN Executive Committee (EC)

The EC composition is designed to help provide an overall guidance, policy linkage, and credibility to GHHIN will consist of high-level members, such as politicians, agency heads, etc. They will be convened once a year by the steering committee, and when and as possible, attend the annual Global Heat Health Forum. Recommendations from the ad-hoc committee are needed to identify others who should be contacted or invited to the formalized executive committee. Members serve in an advisory capacity, and seek to identify connections and funding sources to execute GHHIN’s mission. This committee is intended to be between 8 – 12 members, with selection of members performed by members of the SC. The SC may request advice of the EC, but is not bound to act on the advice. The EC should be representative of the global diversity of the GHHIN community in terms of nation, discipline, and gender. EC and SC membership is mutually exclusive.

Proposed Executive committee members:

* Chair of UK Adaptation Subcommittee
* High-level representation from C40, ICLEI or other city-based governance initiatives X
* Virginia Murray, UNISDR STAG – PHE, UK
* PLEASE ADD

# GHHIN Steering Committee (SC)

This extant committee performs most of the deliberation, decision-making, and operations of GHHIN. The SC contains experienced GHHIN participants who are responsible for seeing out GHHIN’s mission and carrying out GHHIN’s services. The SC is intended to be between 15-20 members holding a 3 year term.Selection performed by consensus of the SC, with representation from each major discipline involved in GHHIN. Ex officio members include one member from the EC. EC and SC membership is mutually exclusive. The SC meets as needed, but initially monthly. The SC may request advice of the EC, may request expert information of virtual expert communities, and may assemble ad hoc working groups to write reports and take other actions.

# GHHIN Core Team (CT)

The GHHIN Core team carries out administrative tasks and coordinates the day-to-day functioning of GHHIN. The core team is embedded within the SC and inherits its attributes. The CT is accountable for, while the SC is responsible for, deliberation and decision-making. The CT is accountable and responsible for operations to carry out GHHIN’s core services. The core team administers the actions of the SC and maintains order.

# (As needed) Ad Hoc GHHIN Task/Working Groups

The Ad Hoc Working Groups can be formed at will by the Steering Committee to address emergent or recurring needs that require a time-limited, focused effort, often involving the assemblage of a diverse team of experts. Examples of ad hoc groups include synthesis report drafting teams, GHHIN Forum planning teams, and teams to carry out the initial formation other discrete GHHIN services until such time as they are operationalized.

* Synthesis Report
* Forum Organization
* Website & Outreach
* Resource Mobilization

# GHHIN Virtual Expert Communities (VECs)

The virtual VECs are standing sets of experts self-organized by discipline who can be convened when needed to address discipline specific questions – whether asked by another committee, or by a GHHIN member. Upon agreeing to be part of the GHHIN network, each member will self-affiliate to one or more standing VEC. Categories proposed below will need to be established by the SC. The SC should aim to have at least one representative from these VEC disciplines.

# GHHIN Representation

To achieve representativeness, regional balance and at least one representative from each of the following disciplines is suggested (one person may represent more than one discipline, for example an economic geographer):

|  |  |
| --- | --- |
| * Climatology * Meteorology * Public Health (inc. occupational health, epidemiology, health behaviour, etc.) * Medicine (inc. physiology, internal medicine, pharmaceutics, health service response, primary/secondary care) * Sociology (public and/or professional) | * Economics, Geography, Demographics, * Emergency Management & Response * Sustainable Development * Urban Planning, Architecture, Housing * Engineering & Design * Energy * Communications |

**(Possible Future) Regional Executive Committees**

In the future, it can be envisioned that regional bodies could possibly be needed. Thus Regional Executive Committees could be formed and ideally have representation from each country in the region, and a reasonable blend of disciplinary expertise. A REC Lead for each committee is chosen to coordinate the group and to represent the region at the GHHIN Steering Committee meetings.