

Climate, Environment, and Health



BELMONT
FORUM

Maria Uhle
Belmont Forum
National Science Foundation

International Funding
Opportunity

BELMONT FORUM

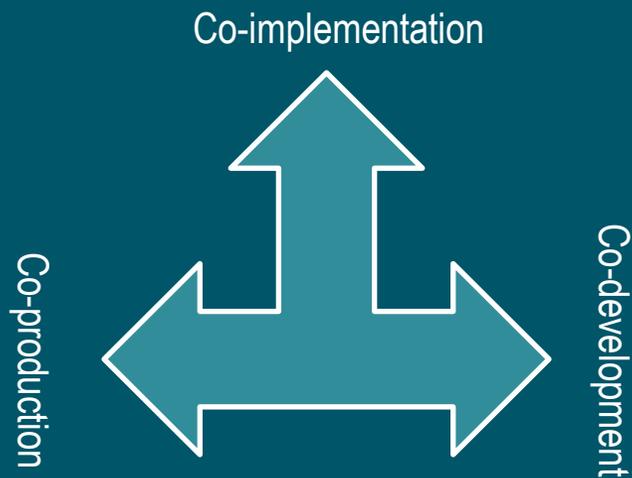
31 members representing over 55 countries
Partnered with over 150 resource organizations





- Guided by the **Belmont Challenge** to understand, mitigate, and adapt to global environmental change
- **Mission:** Accelerate delivery of the environmental research needed to remove critical barriers to sustainability by aligning & mobilizing international resources
- **Collaborative Research Actions (CRAs):** address societally relevant challenges through transdisciplinary research approaches





Transdisciplinary project teams – including natural, social scientists, and external participants

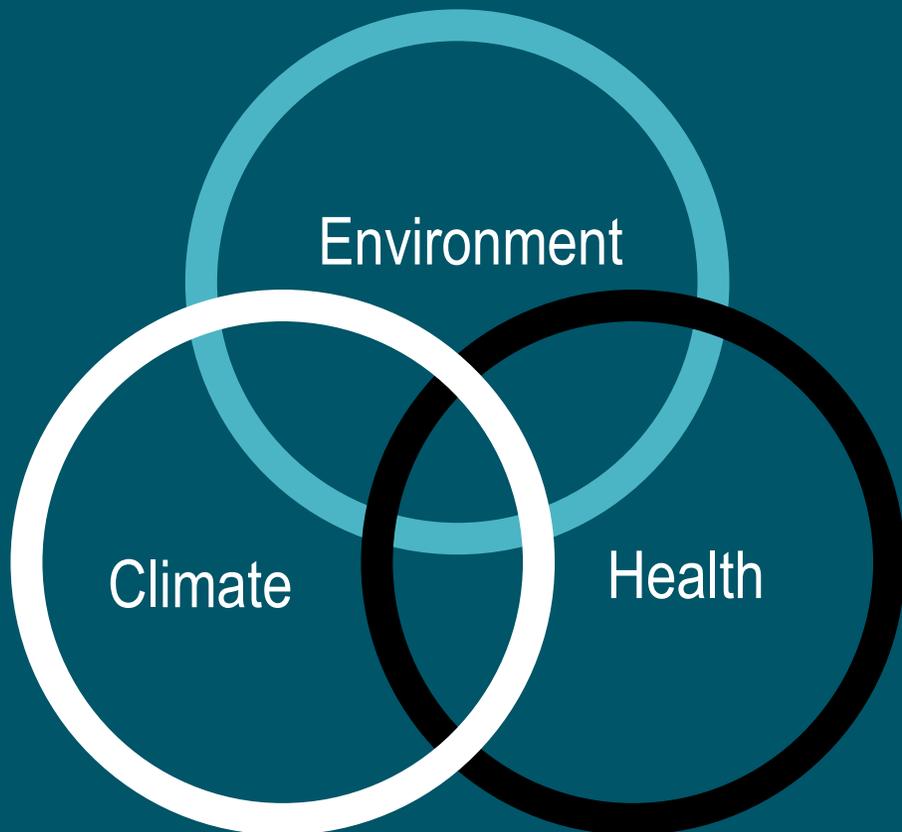
Mechanism

- Single proposal goes through one peer review process
- All project teams must be multilateral – at least 3 different countries requesting from at least 3 funding agencies
- Funding organization annexes outline researcher eligibility, funding restrictions, areas of interest
- Successful proposal consortium members are directly supported through their national program
- Researchers from countries not participating in the CRA call text must bring their own funding or provide in-kind contribution



Climate, Environment, and Health (CEH 2023)

Goals



Improve

Understanding among the climate, environment, and health pathways to protect and promote ecological, planetary, and human health in the face of climate challenges

Integrate

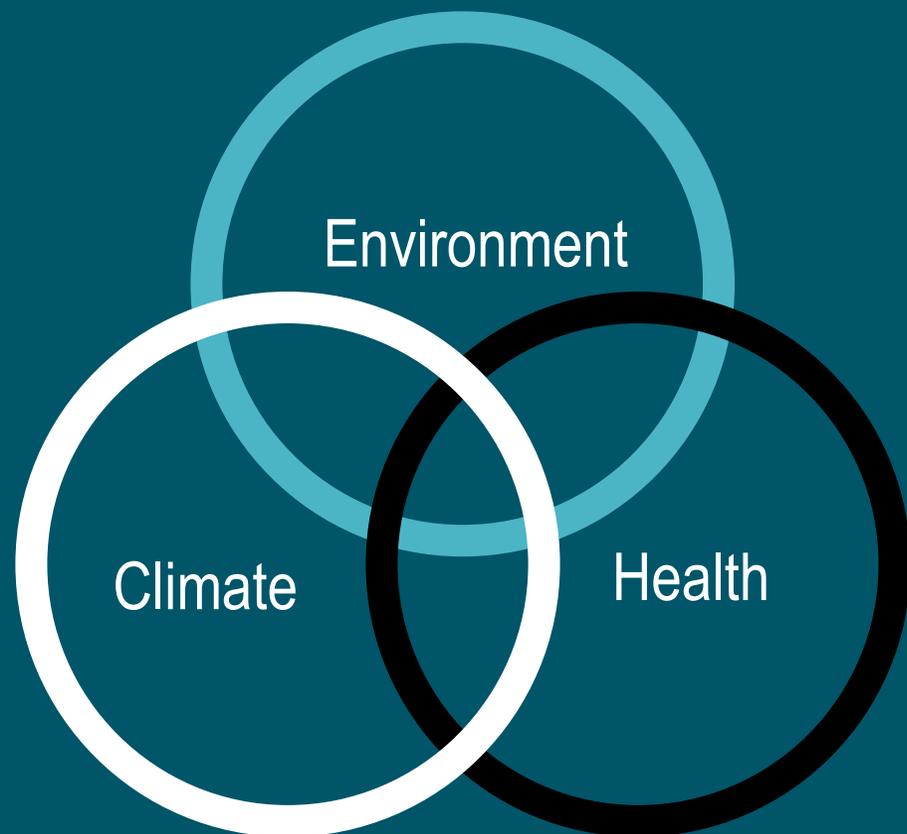
Knowledge from human health, veterinary medicine, environmental and social sciences, indigenous and stakeholder communities

Promote,
mobilize,
and
establish

Inclusive, transdisciplinary funding scheme that supports diverse communities, research topics, ecosystems, and creative transformative solutions



Climate, Environment, and Health (CEH 2023)



Goals

Provide

Information, knowledge, scientific evidence, and effective tools to support long-term policymaking, decision-making

Develop

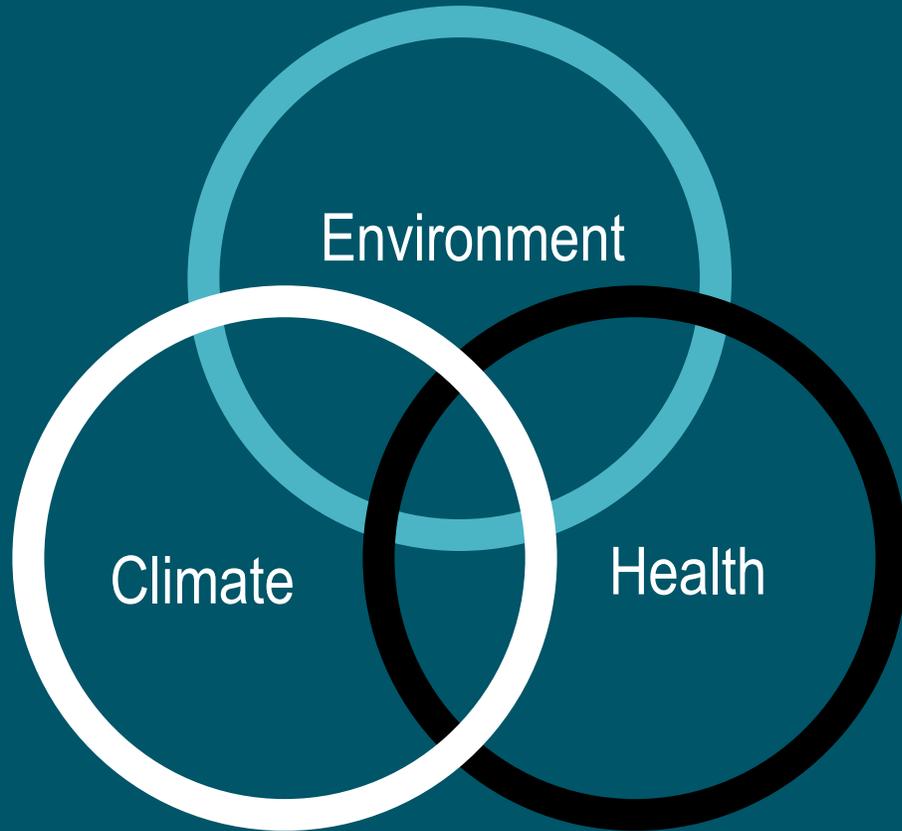
Systems-level approaches at the intersection of climate, environment, and health that focus on underrepresented communities of different socioeconomic, cultural, gender, and minorities

Foster

Collaborative community of practice for climate, environment, and health



Climate, Environment, and Health (CEH 2023)

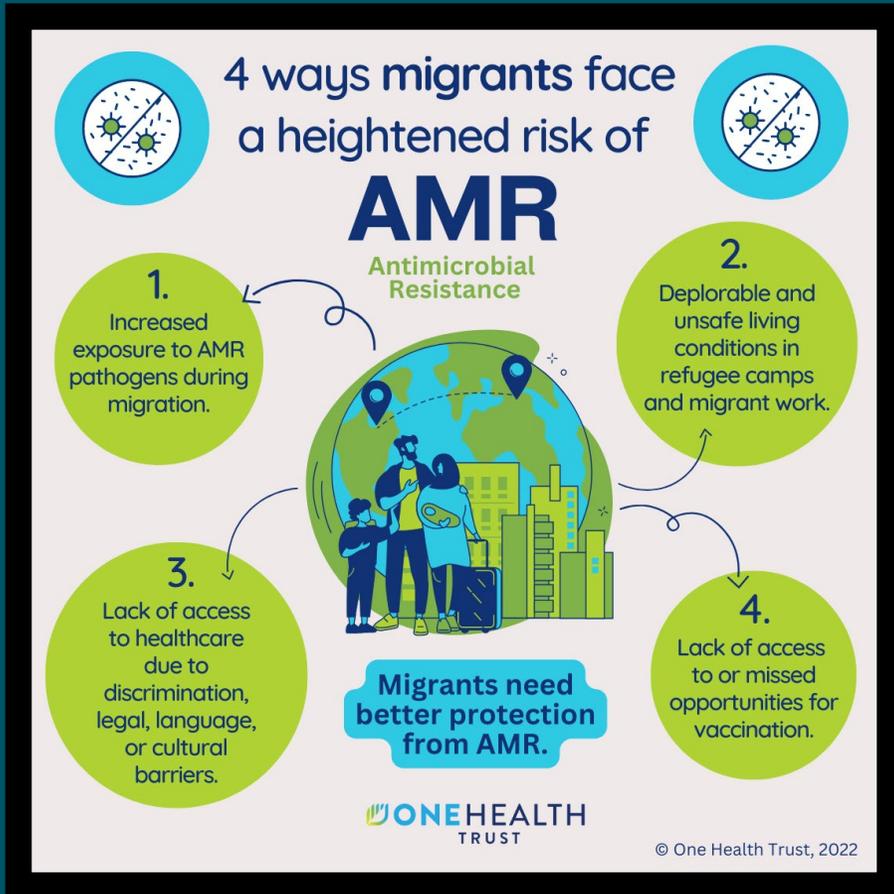


Goals

- Provide information, knowledge, scientific evidence, and effective tools to support long-term policymaking, decision-making
- Develop systems-level approaches at the intersection of climate, environment, and health that focus on underrepresented communities of different socioeconomic, cultural, gender, and minorities
- Foster a collaborative community of practice for climate, environment, and health



Research Themes



Theme A: Decision-science of environmental behavior and implementation

- Development of a knowledge base to overcome adaption barriers
- Understanding individual or population level adaptation to climate related threats (e.g. migration)
- Biomedical, behavioral, and health intervention strategies that can help to strengthen individual and community-level resilience
- Database, early-warning system, and workforce development projects that provide solutions
 - Reduce adaptation costs
 - Premature deaths
 - Include underrepresented groups
 - Enhance the community of practice (local community to governments)



Climate, Environment, and Health (CEH 2023)

Research Themes

Theme B: Food, Environment, and Biological Security

- Protecting human and ecological health - biological security
 - Climate-sensitive food-borne, water-borne, and vector-borne disease risks
 - Mental health challenges, including anxiety and stress
 - People living with disabilities or regions with more socioeconomic barriers
- System-level strategies to mitigate or adapt to food, environment, and biological security to address population health





Climate, Environment, and Health (CEH 2023)

Research Themes

Theme C: Climate Risks to Ecosystems & Populations

- Climate change risks across a wide variety of environments
 - Wildfires
 - Chronic heat exposure (urban and rural)
 - Migration of wildlife, insects
 - Interface with domesticated animals and humans
- System-level strategies to evaluate current policies, programs, implementation plans
- Understand the health implications of climate change to improve human and animal health



Climate, Environment, and Health (CEH 2023)

General Timeline

15 February 2023



Launch of
CRA to the public



February - December
2023



Capacity
Development



15 July 2023



Pre-proposal due

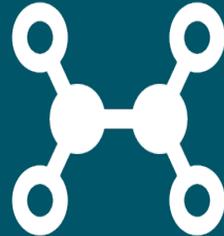


15 January 2024



Proposals due

Trainings &
Workshops &
Office Hours



Workshops &
Networking



Capacity Building Activities are informal, voluntary, and open to all with a goal to bring the global community together and to learn

- Train the community to develop TD projects and provide training on modeling and accessing WMO/USG databases (in kind)



Annex Comparison Tool CEH2



Title

Duration:

Country/(ies) supported

Description/ qualifications of eligible participants

Stipulations for the maximum number of researchers in the consortium

Type of contribution + amount of contribution (K€)

Maximum amount that can be requested per project or by researcher (K€)

Restrictions for use of funds

Specific themes within the call

Where to submit proposal

[Additional information]

Point of contact

- Annex Workshop with funding agencies
- “Annex” Comparison Tool
- Short Video Clips (~3-5min)
- Office Hours (Secretariat)



Climate, Environment, and Health (CEH 2023)

Annexes – 17 Mar 2023

ANR (France)

AllEnvi (France)

ANII (Uruguay)

FAPESP (Brazil)

Future Earth

Inter-American Institute for Global Change Research
(Americas)

International Sustainable Development Research Society
(ISDRS)

Mountain Research Institute (Switzerland)

NRF (South Africa)

NSTC (Taiwan)

RCN (Norway)

SNSF (Switzerland)

TUBITAK (Türkiye)

United Kingdom (UKRI NERC)

US Dept. of the Interior (DOI)

US National Oceanic Atmospheric Administration
(NOAA)

US National Science Foundation (NSF)

US Dept. of State (STATE)

Find Funding Opportunities

Learn more about our current and upcoming calls for proposals.

OPPORTUNITIES

What is the Belmont Forum?

The Belmont Forum is an international partnership that mobilizes funding of environmental change research and accelerates its delivery to remove critical barriers to sustainability.

www.belmontforum.org



For more information



<https://www.belmontforum.org/cras#ceh22023>