

CoP Small Work Group: Prediction and Prevention of Heat-related Health Risks across Time Scales

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Primary Goal

To reduce morbidity and mortality associated with extreme heat events and rising temperatures through reliable, decision-relevant integrated information systems, that include early warning, targeted to reduce heat impacts on vulnerable populations.

This effort will focus on identifying, applying and documenting Earth observation (EO) needs to reduce heat-related health risks.

The goal is to build a globally relevant capacity to use EO to understand, predict, and reduce health risks from heat across time scales.

2023 Activities

Ongoing informal seminar series: research presentations from TC Chakraborty (PNNL), Tamara lungman (ISGlobal), Oriana Chegwidden (Carbon Plan) and Paul Churchyard (HSR.health)

“Book club” sessions to discuss recent articles on heat and health, and “video club” to view presentations from the GHHIN Heat Health Open Forum

Ongoing discussion to decide how the Work Group can contribute to GEO plans on heat early warning systems (thanks to Martyn Clark, Juli Trtanj, and others!)

Exchange of experience and funding announcements. The Heat Small Working Group had several members succeed in heat-related proposals to NASA, DOE, and NSF, among others

Plans for 2024

The bimonthly meetings have been effective for exchange of knowledge and networking. They will continue.

We are excited to find a path to contribute to broader GEO initiatives! These details will be worked out in the coming months.