

Doctoral Programme in Biology of Infections and Global Health Programme (BIGH)

The BIGH doctoral program invites you to the following seminar!

Title: Climate Change and Health: From Modelling to National-Scale Data Integration.

Date: 3rd of October – 9:00-12:00.

Location: room Future. Third floor Widerströmska Huset 171 77 Stockholm, Sweden.
20 places available. **Attention: attendance in person only!!**

09:00 – 09:10 | Welcome and Introduction

Facilitator: [Elena Raffetti](#).

Brief introduction to the workshop objectives and structure.

09:10 – 09:55 | Presentation & Discussion

Topic: *Temperature-Related Mortality in a Changing Climate – Examples from Continental Modelling Analysis and Study Design (EARLY-ADAPT Project Experience).*

Speaker: **Blanca Paniello Castillo**, ISGlobal. **Blanca** will present insights from the ERC-funded EARLY-ADAPT project, sharing methodological approaches for modelling temperature-related mortality across Europe, and highlighting key findings on adaptation and vulnerability.

09:55 – 10:40 | Presentation & Discussion

Topic: *Leveraging Climate and Health Data at National Scale for Environmental Health Analysis – Insights from the NHS Secure Data Environment (England).*

Speaker: **Alexia Sampri**, University of Cambridge. Alexia will discuss approaches to integrating large-scale health datasets with environmental data in secure environments, including data curation, analytical pipeline development, and applications for policy-relevant research.

10:40 – 11:00 | Coffee Break

11:00 – 11:50 | Small Group Discussion

Topic: *Challenging Climate Change – What Studies are Needed?*

Participants will divide into small groups to discuss:

- Key methodological challenges in climate-health research
- Data gaps and integration opportunities
- Priority study designs to address emerging climate change health impacts

11:50 – 12:00 | Wrap-Up & Next Steps

- Summary of key discussion points
- Conclusions

Bio. Dr. Alexia Sampri is a Research Associate in Health Data Science at the University of Cambridge. With a background in environmental engineering, big data, and epidemiology, she specialises in large-scale linked electronic health records, data integration, and advanced analytics to investigate cardiovascular, inflammatory, and environmental health outcomes.

Bio. Dr. Blanca Paniello-Castillo is a biomedical scientist and public health professional specialising in epidemiology, with expertise spanning molecular biology, environmental epidemiology, and planetary health. She has collaborated with institutions including Hospital Clínic of Barcelona, Medical University of Vienna, IDIBELL, Karolinska Institutet, CNDS Uppsala University, WHO, Global Climate Health Alliance, and Clean Air Fund. Her doctoral thesis focuses on socio-economic influences on climate change adaptation in Europe.

Deadline for registration is September 25th on the link below or QR code.

[Register here](#)

OR

