



WIC Hybrid Colloquium

Exploring the long-term effects of temperature on population health in Spain using individual mortality data.

Thursday, 11 April 2024
15:00 – 16:00 (CEST)



**Dariya Ordanovich and Diego
Ramiro-Fariñas**

Spanish National Research Council

Abstract:

In this presentation, we delve into a comprehensive analysis of temperature's enduring influence on population health, drawing insights from extensive retrospective analyses of mortality data across different administrative levels in Spain. Firstly, we explore the intricate relationship between temperature and mortality, dissecting cause-specific mortality data to unveil the effects of heat and cold on the residents of Madrid over the past century. By focusing on a single city, we uncover localized trends and patterns that provide valuable insights into the broader dynamics of temperature-related health impacts. Furthermore, our analysis extends beyond typical temperature variations to scrutinize the risks posed by extreme events such as heatwaves and cold snaps. By examining mortality trends during these episodes, we gain a deeper understanding of the added effects of extreme temperatures on population health throughout Spain.

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About the presenter:

Dariya Ordanovich holds a PhD in Geography and studied heat waves' impact on Spanish population health. She explores population-environment dynamics amidst climate change. At CSIC, she contributed to several research projects. Since 2024, she is a team member of the SIESTA-INFRA project **Secure Interactive Environments for SensiTive data Analytics**.

Dr. Diego Ramiro-Fariñas, Director of the Institute of Economics, Geography and Demography and Full Professor of Demography at the Spanish National Research Council. He is a former president of the Iberian Association of Historical Demography, chaired the Historical Demography Panel at IUSSP, and serves on various editorial boards of prestigious demographic journals.

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