

Report on the IUSSP Panel on Population Dynamics under Conflict and Climate Change

The IUSSP Panel on *Population Dynamics under Conflict and Climate Change* was established in late 2022 to address demographic challenges arising from global conflict and climate change. The panel's main objective is to advance scientific understanding of the mechanisms and extent to which conflict and climate change shape demographic outcomes, including fertility, mortality, and migration, and how they shape long-term population dynamics.

Since its inception, the Panel has organized a series of international workshops and conferences to foster exchange between demographers and scholars from related disciplines. The first activity was the **Wittgenstein Centre Conference 2022 on "Population and Climate Change: The Defining Relationship of the 21st Century"** (Vienna and online, 30 November–2 December 2022) co-organized with the Wittgenstein Centre for Demography and Global Human Capital, which provided a platform to present new research on the nexus of conflict, climate and demography.

Recognizing the importance of equipping early-career researchers with methodological and computational skills essential to conduct research on this topic, the panel organized a workshop on **"Data and Modelling Approaches to Assessing Climate-Conflict Impact on Population Dynamics"**, held in New Orleans on 12 April 2023 under the auspice of the 2023 Population Association of America Annual Meeting. This was followed by the **IUSSP Workshop on "Population and Conflict"** at the University of Southampton (7-9 March 2024), which gathered scholars to present empirical studies and rigorously discuss on how conflict affects population processes. Importantly, the Southampton workshop has also led to a forthcoming **special collection in *Population and Development Review* on the "Demography of Conflict"**, edited by panel member Liliana Andriano, Mathis Ebbinghaus, and Patrick Heuveline, scheduled for publication in September 2026.

In 2025, the Panel co-organizes two further events with the Max Planck Institute for Demographic Research (MPIDR): the **Symposium on Demographic and Health Consequences of Violence and Armed Conflict** (Rostock, 1–2 July 2025) and the **Conference on Climate Change, Environmental Hazards and Population Dynamics** (Rostock, 11–12 November 2025). While the first emphasizes the health and population impacts of armed conflict, the second takes a broader interdisciplinary approach to population consequences of climate change and environmental hazards, with particular attention to social inequalities and sustainability transitions.

Beyond providing new evidence on the nexus between climate change, conflict and population dynamics, the panel is also dedicated to explore advanced methodological approaches and innovative data to study this topic. Overall, the Panel has fulfilled its aim to establish a vibrant platform for advancing interdisciplinary research, training early-career scholars and fostering collaboration to improve scientific evidence on how conflict and climate change interact to shape demographic outcomes and population futures.