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EUBURN Seminar

Differential Exposure to Climate Risks: Implications for Health and Environmental Justice

Speaker: **Tarik Benmarhnia** (Scripps Institution of Oceanography and School of Medicine, University of California San Diego)

Climate change (CC) represents a growing threat to population health, driven by the increasing frequency of extreme events. In California, the intensification of wildfires vividly illustrates these dynamics: deteriorating air quality, rising hospitalizations, and excess mortality have become major public health concerns. Beyond population-wide impacts, this talk examines the environmental justice dimension of CC: climate risks are not distributed homogeneously, and the most vulnerable populations, ethnic minorities, low-income households, and rural communities face disproportionate exposure and impacts. The implications for environmental justice in the context of adaptation policies will also be discussed.

Tarik Benmarhnia is an environmental epidemiologist with a joint appointment at the University of California San Diego's Scripps Institution of Oceanography and School of Medicine. His research focuses on the health impacts of extreme weather events in the context of climate change, with particular attention to vulnerability and its implications for public policy. He also develops methodological approaches to evaluate the health impacts of environmental policies, including climate change adaptation measures and air pollution regulations.

He holds a joint PhD from the University of Montreal and Paris-Sud University and completed his postdoctoral training at McGill University's Institute for Health and Social Policy. He is an Associate Editor for Environmental Health Perspectives, and his research and expertise have been featured in various media outlets, including Vice, the Los Angeles Times, Wired, and National Geographic and more.

Link : <https://visio.numerique.gouv.fr/qey-siyu-qxb>

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