

EGU26 media tip sheet: Climate change, communication and equity

As the world warms, it will affect people around the world in different ways. Among this selection of abstracts, several consider the inequities associated with climate change and its impacts. Inequities also exist across other domains, like communication of hazards and air quality across cities.

Flooding, Climate Justice, and Funding

This work analyses more than 2,000 flood events across 132 countries to assess disparities between economic losses, greenhouse gas emissions, and GDP. The authors propose a flood-focused Loss and Damage Fund, for which 59 countries (including all low-income countries) would be eligible.

Monday 04 May 16:15–18:00 CEST; Hall X3, X3.108 [EGU26-1523](#)

Session ITS2.7/NH13.3: [Climate hazards and socioeconomic inequality across scales](#) (poster)

Going Beyond Emissions and Temperature Scenarios

When it comes to scenarios that explore potential futures, the focus is usually based on emissions and temperature. This work considers how to include societal capacity, equity, and feasibility in the next generation of scenarios.

Tuesday 05 May 14:05–14:15 CEST; Room 1.85/86 [EGU26-14261](#)

Session AS4.9: [Atmospheric Science for Action: Connecting Atmospheric Responses to Emissions, Air Quality, Climate, Health, and Environmental Justice to Motivate Policy](#) (oral)

Place, Identity and Loss in Himalayan Communities

The Himalayan range is among the fastest-warming mountain systems. This work considers non-economic losses experienced by remote mountain communities. Specifically, the authors focus on solastalgia—distress associated with environmental change in one's home.

Wednesday 06 May 09:35–09:45 CEST; Room E2 [EGU26-4438](#)

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Session NH9.2: The costs of Natural Hazards: direct, indirect, tangible and intangible aspects (oral)

Community-Led Early Warning Systems

Where early warning systems are deployed, they must clearly communicate actions to take should disaster strike. If alerts are highly technical and in a language that isn't accessible, people cannot—or will not—act. This work, based in Nepal, considers how to overcome barriers like fatalism, gender norms, limited trust in government systems, and more.

Thursday 07 May 09:35–09:45 CEST; Room 2.17 [EGU26-1971](#)

Session ITS4.24/NH13.8: Early Warning Systems (EWS): From Science to Action for Effective Disaster Risk Reduction (oral)

Unequal Canopies and Street Air Pollution

Elevated pollutant levels in cities may result from traffic or industry. Air pollution can cause or exacerbate various diseases. Trees planted along streets can reduce air pollution. This work reveals disparities in air quality benefits related to urban canopies within a city.

Thursday 07 May 10:45–12:30 CEST; Hall X4, X4.10 [EGU26-2092](#)

Session CL5.8: Crosscutting Advances in Land Surface Modelling: the Climate-Hydrology-Ecosystem Nexus, Compound Extremes and Transitions (poster)

Swimming Pools Unequally Reduce Heat Risk

Swimming pools offer local heat-risk reduction, but also exacerbate water stress. A study in Andalusia, in southern Spain, looks at pools as drivers of water stress and modulators of heat. Pools can reduce heat risk for certain areas and population groups, but the analysis reveals inequalities.

Thursday 07 May 15:20–15:30 CEST; Room D2 [EGU26-15127](#)

Session NH9.4: Urban Risk in a Changing World: Dynamics, Disruption & Resilience in Cities (oral)

Cascading Climate Risks for Homeowners

How can the housing finance sector address cascading climate risk? Researchers developed a decision-making framework to anticipate and respond to future climate risks. This, in turn,

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can help anticipate climate-related financial vulnerabilities, particularly related to markets where people are unwilling—or unable— to move.

Friday 08 May 15:25-15:35 CEST; Room 2.24 [EGU26-6073](#)

[Session ITS2.8/NH13.12: Bridging natural and social sciences to study societal responses to extreme weather events \(oral\)](#)

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