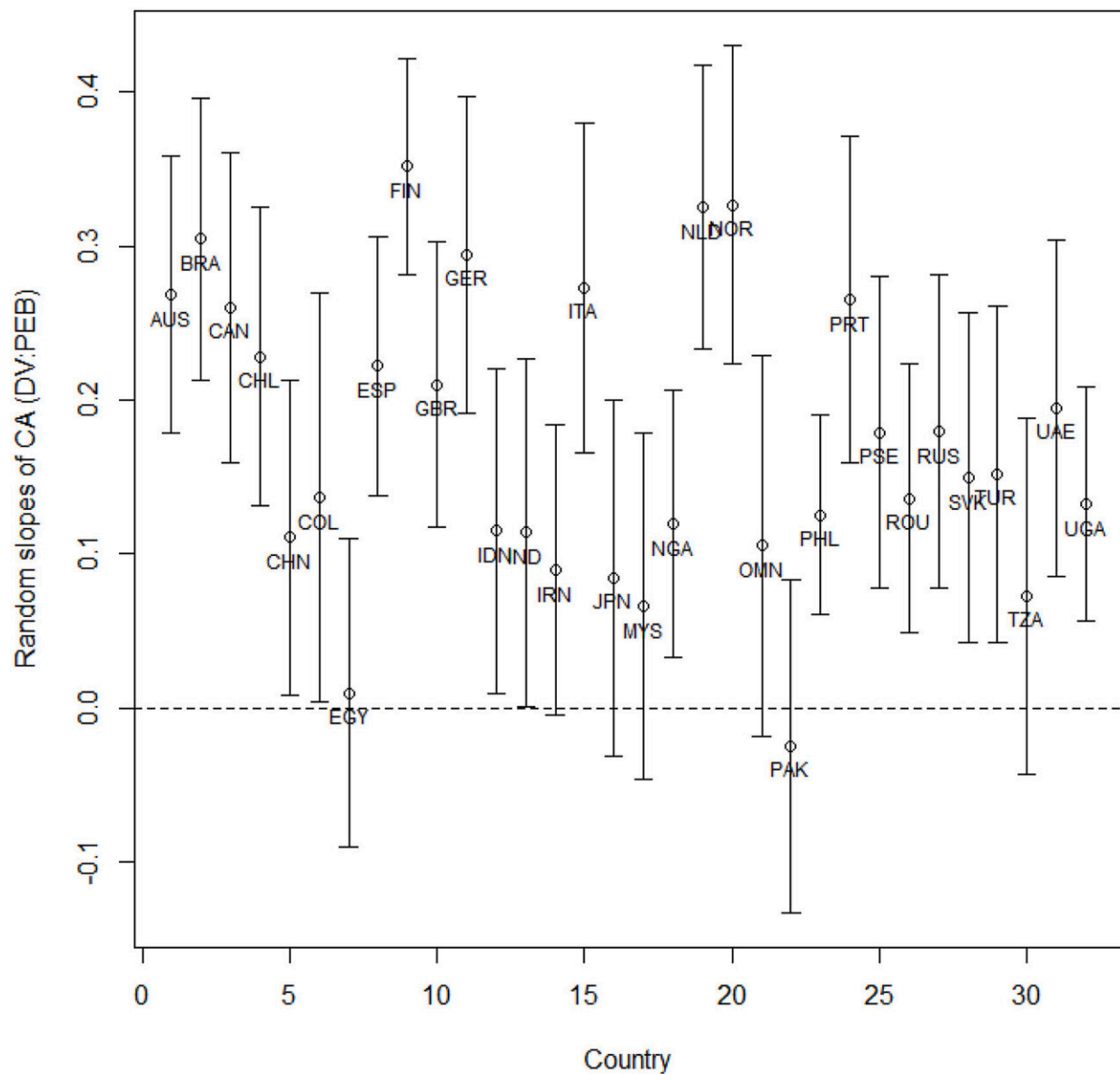


# Young people's climate anxiety linked to action mitigating environmental change

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Random slopes of climate anxiety (CA) as a predictor of pro-environmental

behavior (PEB). Countries are identified by their three-letter alpha-3 country codes. Confidence intervals crossing zero indicates a non-significant relationship between CA and PEB in the specified country. Credit: *Journal of Environmental Psychology* (2022). DOI: 10.1016/j.jenvp.2022.101887

A study compared emotions and actions evoked by climate change among young people aged 23 on average in 32 countries.

In the study published in the *Journal of Environmental Psychology*, anxiety and concern about climate change among [young people](#) was predictably high, particularly in Finland, but the researchers found that the action taken to curb and tackle climate change was strong in Finland at the same time.

A total of 32 countries took part in the study. The total number of respondents was 10,963, of whom 633 were Finns. The respondents were young adults and university students.

Finland had almost the highest level of concern and anxiety (ranked second and third) from among the countries compared, but also the highest level of positive, pro-environmental behavior (ranked first).

"Action mitigates [environmental change](#), and many of these activities also conserve energy," says Academy of Finland Professor Katariina Salmela-Aro.

"It's a very positive sign especially in Finland, given current circumstances and the approaching winter."

## **Concern and anxiety motivate to act**

According to Salmela-Aro, it would appear that young people in Finland are able to channel their anxiety and concern about climate change into action to mitigate the phenomenon.

"In other words, concern and anxiety have a silver lining."

Negative emotions associated with climate change, that is anxiety and concern, do increase mental health challenges, but if they can be channeled into action, the results can be positive.

Negative climate change anxiety and concerns are strong in Finland. At the same time, negative climate-related emotions in Finland as well as in Germany, the Netherlands, Norway and Portugal have a strong connection to pro-environmental action.

In Finland, negative emotions have a very strong connection to environmental activism. Worried young people in Finland also strive to influence other people's attitudes in order to curb climate change. They not only act to prevent it, but also try to involve others.

"Young people want their voice heard in Finland, and this should be taken seriously. They should have better opportunities to make a difference."

By contributing to environmental activism, young people also highlight the urgency of curbing climate change and the need for participation from everyone. Young people represent the future, and now the future is under threat.

Negative emotions motivate action. According to the study, engagement in proactive action was more common among women.

"This is particularly evident in Finland and other European countries.

Elsewhere, the economy, lack of knowledge, or politics can present obstacles. Many people have no opportunity to act."

Nevertheless, action does not entirely eliminate anxiety. The effect of social media or other media on climate anxiety and concern as well as action is significant. Media exposure even appears to have a positive and empowering effect. But the study did not investigate causalities. Instead, it presents a cross-section of climate [anxiety](#) among young people in different countries.

According to Salmela-Aro, scholarly understanding of the links between [climate change](#) and well-being remains in its infancy. There is little information on the effects on well-being of climate-related emotions, particularly in the case of people living in the Global South.

"As our dataset demonstrates, [negative emotions](#) related to the climate do have an effect in the form of a mental health challenge. This is why increasing knowledge and understanding must be a priority in advancing activities that benefit the environment and promote well-being."

**More information:** Charles A. Ogunbode et al, Climate anxiety, wellbeing and pro-environmental action: correlates of negative emotional responses to climate change in 32 countries, *Journal of Environmental Psychology* (2022). [DOI: 10.1016/j.jenvp.2022.101887](https://doi.org/10.1016/j.jenvp.2022.101887)

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