

## **Climate change education for adaptation and resilience**

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In the coming decades, climate change will have an increasing impact on human and natural systems. In a warmer world, accessibility to food, water, raw materials, and energy are likely to change. Human health, biodiversity, economic stability, and national security are also expected to be affected by climate change. To build sustainable communities that are resilient to climate change and to protect fragile ecosystems - a climate-literate citizenry is essential. As scientists and experts in climate change we should take the responsibility to inform the public in order to improve climate literacy and provide society with the scientific foundation to take informed actions to minimize climate impacts and prepare for changes that are already well underway.

There are currently few coherent frameworks or models for effective climate change education by scientists. We developed and tested a transferable model of collaboration between scientists and educators to build their capacity to share locally relevant climate knowledge through highly effective education and outreach efforts. We will present the model and materials and provide tools for scientists at any stage of career to include climate change in their education portfolio to increase global Climate Change literacy for a better future.