Photo credits

Flood image

Image by <a href="https://pixabay.com/users/kamiartist-17934333/?utm\_source=link-attribution&amp;utm\_medium=referral&amp;utm\_campaign=image&amp;utm\_content=7411908">Kamran Khan</a> from <a href="https://pixabay.com//?utm\_source=link-attribution&amp;utm\_medium=referral&amp;utm\_campaign=image&amp;utm\_content=7411908">Pixabay</a>

Food Insecurity

Heat/drought image

Image by <a href="https://pixabay.com/users/rahmankhan387-22614623/?utm\_source=link-attribution&amp;utm\_medium=referral&amp;utm\_campaign=image&amp;utm\_content=7257517">Muhammad Rehman</a> from <a href="https://pixabay.com//?utm\_source=link-attribution&amp;utm\_medium=referral&amp;utm\_campaign=image&amp;utm\_content=7257517">Pixabay</a>

Lake and boat image

Image by <a href="https://pixabay.com/users/abdullah\_shakoor-5012922/?utm\_source=link-attribution&amp;utm\_medium=referral&amp;utm\_campaign=image&amp;utm\_content=2363346">Abdullah Shakoor</a> from <a href="https://pixabay.com//?utm\_source=link-attribution&amp;utm\_medium=referral&amp;utm\_campaign=image&amp;utm\_content=2363346">Pixabay</a>

Header green color:

#288940

Climate Justice: Focus on Pakistan

Despite contributing to less than 1% of the world’s greenhouse gas emissions, Pakistan is often counted in the top 10 countries most impacted by climate change.

Floods

Pakistan’s geography varies widely, spanning from the sea to towering glacial mountains. (After the poles, Pakistan is home to the third greatest amount of glaciers.) Due to both increased rainfall and rapid melt off their abundance of glaciers, Pakistan has been experiencing devastating floods in recent years as the effects of climate change become increasingly evident.

During the floods of summer 2022, one third of Pakistan was underwater. (<https://www.bbc.com/news/science-environment-62758811>)

Food Insecurity

Decreased yields are expected for many of Pakistan’s food crops, including rice, sugarcane, maize, and wheat, according to World Bank. (<https://climateknowledgeportal.worldbank.org/sites/default/files/2021-05/15078-WB_Pakistan%20Country%20Profile-WEB.pdf>)

Technology solutions:

-Early warning systems - Programmers can collaborate with Pakistan’s government and the UN to develop early-warning systems for floods

- Information sharing - Programmers can create platforms to share information about climate justice initiatives and increase understanding of the disproportionate impact of climate change

“Pakistan's government and the UN are attempting to reduce the risks of these sudden outburst floods by installing early-warning systems and protective infrastructure.” (<https://www.bbc.com/news/science-environment-62758811>)