Fractal approach in the Analysis of climate change due to the ozone layer hole

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The ozone layer acts as the planet's natural sunscreen, protecting people, plants, and animals from harmful UV-B rays. In Antarctica, British scientists discovered the hole in the ozone layer in 1985. The effects of climate change have been experienced by all living hoods through various kinds of natural calamities due to this hole. Many researchers dedicated their time to solving this problem and saving the planet. This article explores Antarctica's post-1985 climate changes. The authors have to Investigate the time series data for the global temperature, precipitation, and Antarctica ice sheet mass balance through analysis utilizing the fractal analysis tool. Additionally, the nonlinear dynamical data's chaotic feature is verified.