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Climate Change Brings Grim Forecast

By [CELIA W. DUGGER](#)

A new study by the economist William Cline quantifies sharp reductions in agricultural productivity in many of Africa's poorest countries by the 2080s if greenhouse gas emissions continue to increase. Such declines are particularly grave in Africa, where most people still depend on farming. Mr. Cline, a senior fellow at the Center for Global Development and the Peterson Institute for International Economics, projects that Sudan and Senegal could see agricultural production fall by more than half, while it would decline by 30 to 40 percent in other parts of Africa. South Asia would also suffer, with declines of 38 percent in India and 22 percent in Bangladesh.