

Infographic: The Impact of Climate Change on the Future of Farming

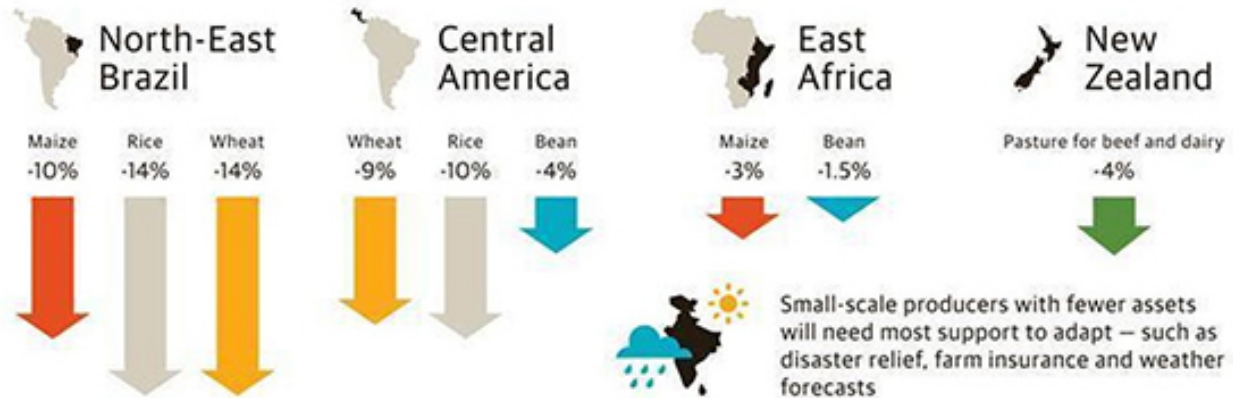
According to this infographic provided by The Research Program on Climate Change, Agriculture and Food Security, climate change in the 2030s will affect food and farming more strongly, especially small producers in poor countries.

The future of food and farming: 2030s



In the 2030s, climate change will affect food and farming more strongly, particularly small-scale producers in poor countries

Crop and pasture yields are likely to decline in many places



Adaptation will be key

CROPS	LIVESTOCK	FISHERIES
<p>Temperate regions will benefit more from adaption than tropical regions</p> <ul style="list-style-type: none"> Switching to varieties tolerant to heat, drought or salinity Optimising irrigation Managing soil nutrients and erosion 	<p>Key adaptations for small-scale producers include:</p> <ul style="list-style-type: none"> Matching animal numbers to changes in pastures More farms that mix crops and livestock Controlling the spread of pests, weeds and diseases 	<p>Key adaptations for small-scale fisheries include:</p> <ul style="list-style-type: none"> Switching to more abundant species Restoring degraded habitats and breeding sites like mangroves Strengthening infrastructure such as ports and landing sites

SOURCES: Porter, J. R., Xie, L., Challinor, A., Cochrane, K., Howden, M., Iqbal, M. M., Lobell, D., Travasso, M. I. 2014, Food Security and Food Production Systems. In: Climate Change 2014: Impacts, Adaptation, and Vulnerability. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. <http://www.ipcc-wg2.gov/> With data from ECLAC 2009, Lobell et al 2008, Margulis, et al 2010, Thornton, et al 2010, Wratt et al 2008



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Read: [Groups Strategize to Ensure Food Security amid Climate Change](#) [1]

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[1] <http://www.foodmanufacturing.com/news/2014/04/groups-strategize-ensure-food-security-amid-climate-change>