

Climate-smart agriculture requires three-pronged global research agenda

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Faced with climate change and diminishing opportunities to expand productive agricultural acreage, the world needs to invest in a global research agenda addressing farm and food systems, landscape and regional issues and institutional and policy matters if it is to meet the growing worldwide demand for food, fiber and fuel, suggests an international team of researchers.

In a paper appearing online in the journal *Agriculture and Food Security*, the authors summarize the findings of the second international Climate Smart Agriculture conference held in March 2013 at UC Davis.

"Climate-smart [agriculture](#) has become a global policy initiative for economic development, poverty reduction and [food security](#)," says lead author Kerri Steenwerth, a U.S. Department of Agriculture soil scientist and adjunct professor in the UC Davis Department of Viticulture and Enology.

"It makes sense for farmers, consumers and [food](#) businesses because it is focused on the long-term sustainability of supply chains, and applies both to farmers' fields and to the natural landscape," she said.

The objectives recommended in the new paper set the stage for a stronger emphasis on moving knowledge into action and involving researchers in helping communities and societies to change and adapt.

Steenwerth has posted a blog entry about the paper on the Biomed

Central blog. The blog and the paper were supported by the UC Davis College of Agricultural and Environmental Sciences.

A third global science conference on Climate-Smart Agriculture is scheduled to be held March 16-18, 2015 in Montpellier, France.

More information: *Agriculture and Food Security*,
www.agricultureandfoodsecurity.com/content/3/1/11

Provided by UC Davis

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