

Evidence to Action



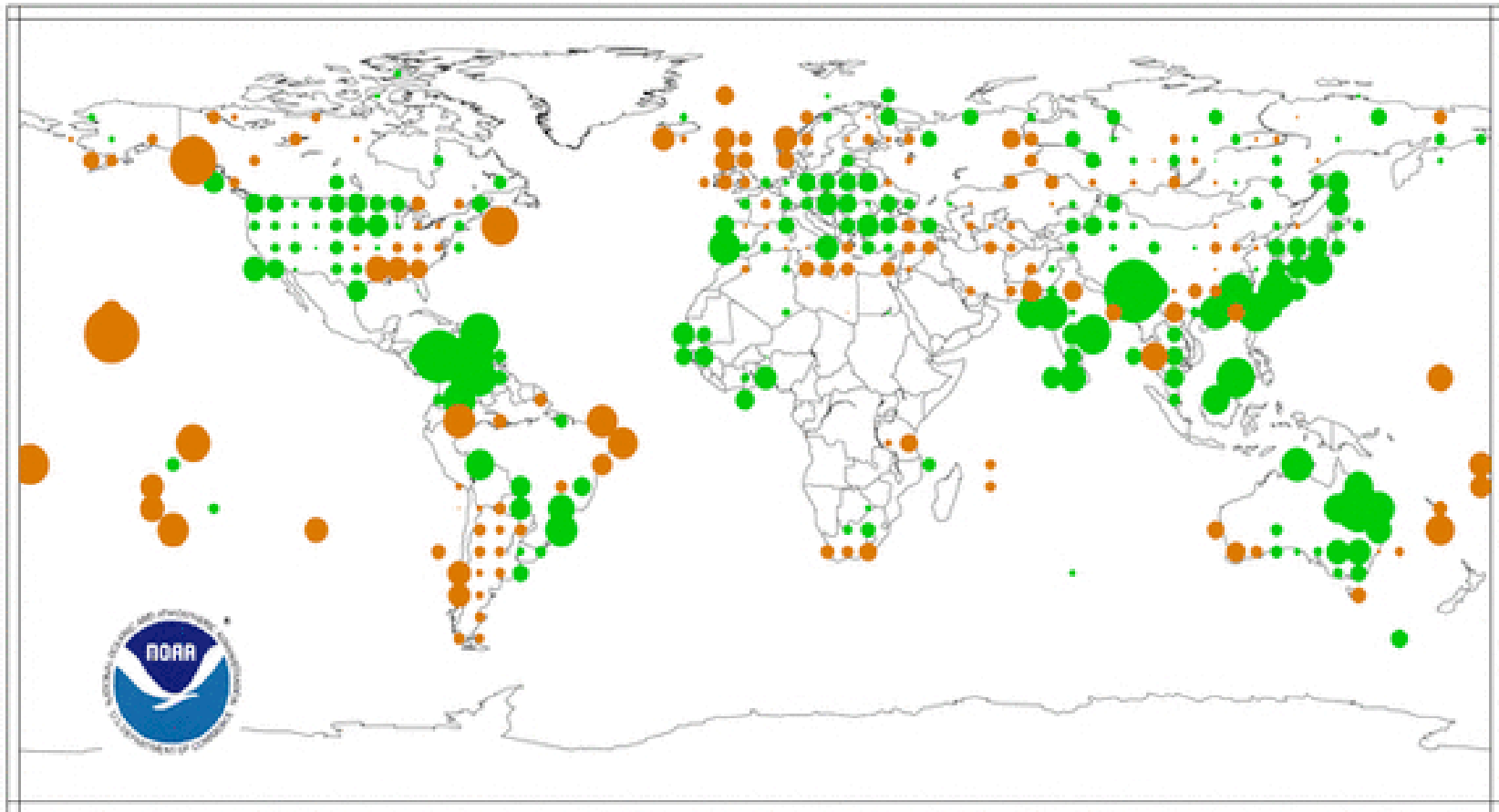
**PROMOTING GLOBAL DEVELOPMENT
IN A CHANGING CLIMATE**

April 25, 2013 • Berkeley, California

Precipitation Anomalies Jan-Dec 2010

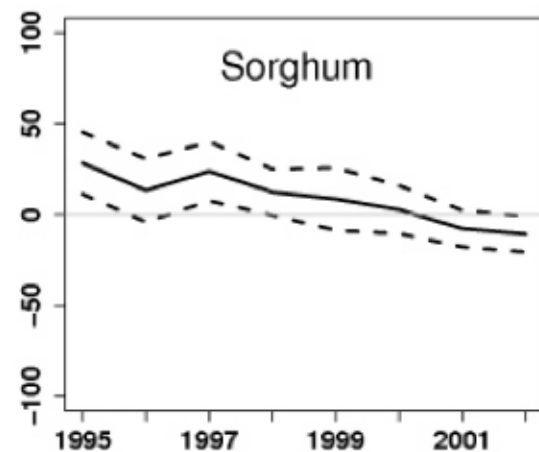
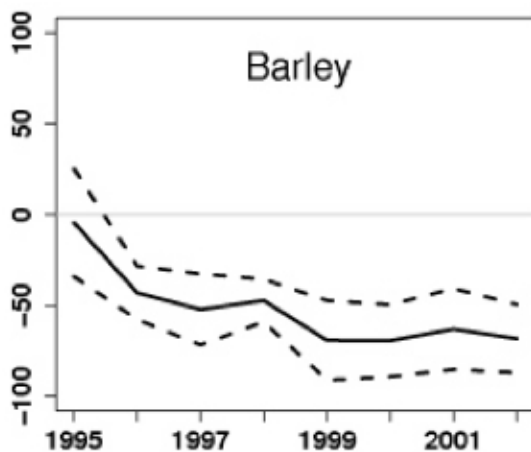
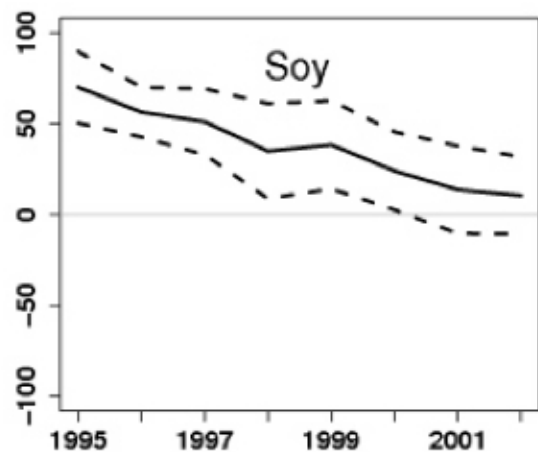
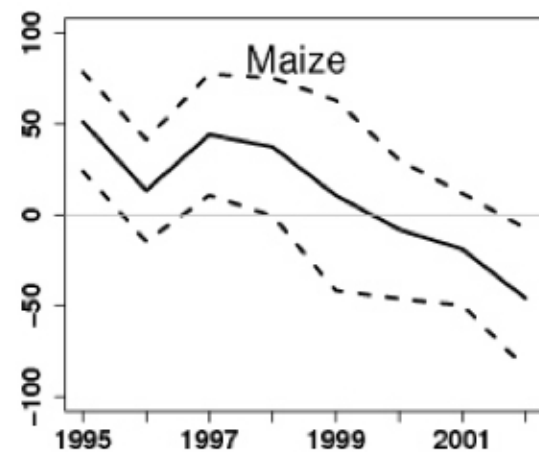
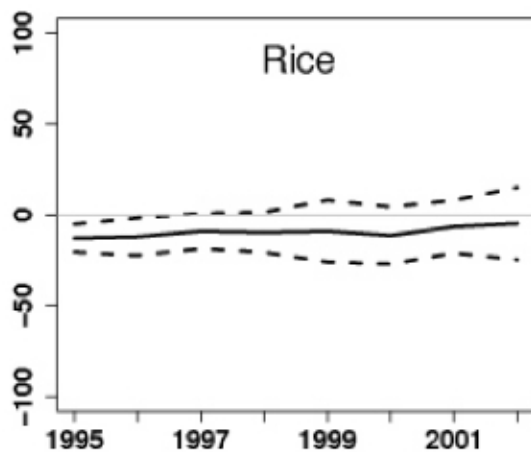
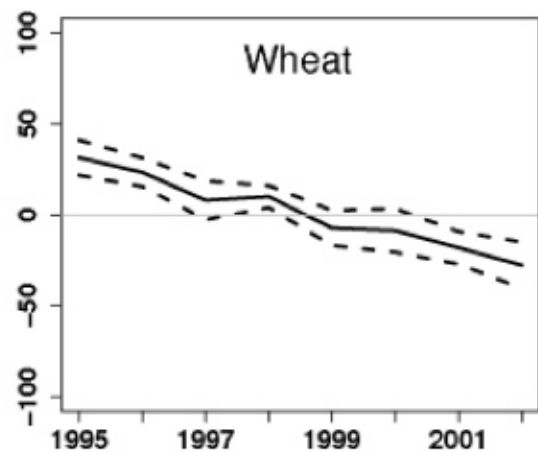
(with respect to a 1961-1990 base period)

National Climatic Data Center/NESDIS/NOAA



Millimeters

Yield Impact of Climate Trend since 1981 ($\text{kg ha}^{-1} \text{yr}^{-1}$)



End Year

End Year

End Year







企业要发展 安全是保障

4607

The Problem: Image of IPCC

- Policymakers paying more attention to climate change adaptation and mitigation
- Many proposed solutions not backed by credible research
 - Can lead to policies that fail to achieve their objective
 - Or even harm the very people they are designed to benefit
- We need more evidence about which policies are effective and the most cost-effective

CEGA & J-PAL

- Solution is learn what works in real-world situations
- We do this through field experiments, which you'll learn about today
- This approach requires us to be highly collaborative, working with policy-makers, industry, etc.
- Mention the 2 policy-makers on the program

J-PAL has 5 regional offices based at universities around the world.



CEGA is a network of networks, with collaborative links in Latin America, South Asia, and East Africa.

Example: ATAI

- Identify the most critical gaps in our knowledge
- Fund rigorous impact evaluations to help answer these questions
- Disseminate cohesive policy lessons from evaluation results
- **Partner with policymakers to scale up policies proven to be effective**

ATAI: Founded on recognition that small-scale farmers could have greater yields and higher household income if they adopted modern technologies... 20 year “neglect” of agriculture by aid agencies, with renewed interest in this millennium driven by Gates & other donors

Now, over 30 new ideas being tested in the field

History of Collaboration

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