



Photo: Zack Guido 2018

# Regional migration, global climate change, and the future of irrigation on Kenyan farms

Sara Lopus	Cal Poly San Luis Obispo
Kurt Waldman	Indiana University
Zack Guido	University of Arizona
Kelly Caylor	University of California, Santa Barbara
Tom Evans	University of Arizona

Conference on Migration, Environment, and Climate  
October 22, 2018 in Paris, France

NSF SES-1360463

Internal migration pulls:

- Defined property rights (water access)
- Relatively high precipitation

Population growth: 2.5-5.8% per year

Migration (*and more CWP members*)



Smaller share of water

Climate change



More variable precipitation,  
Less precipitation

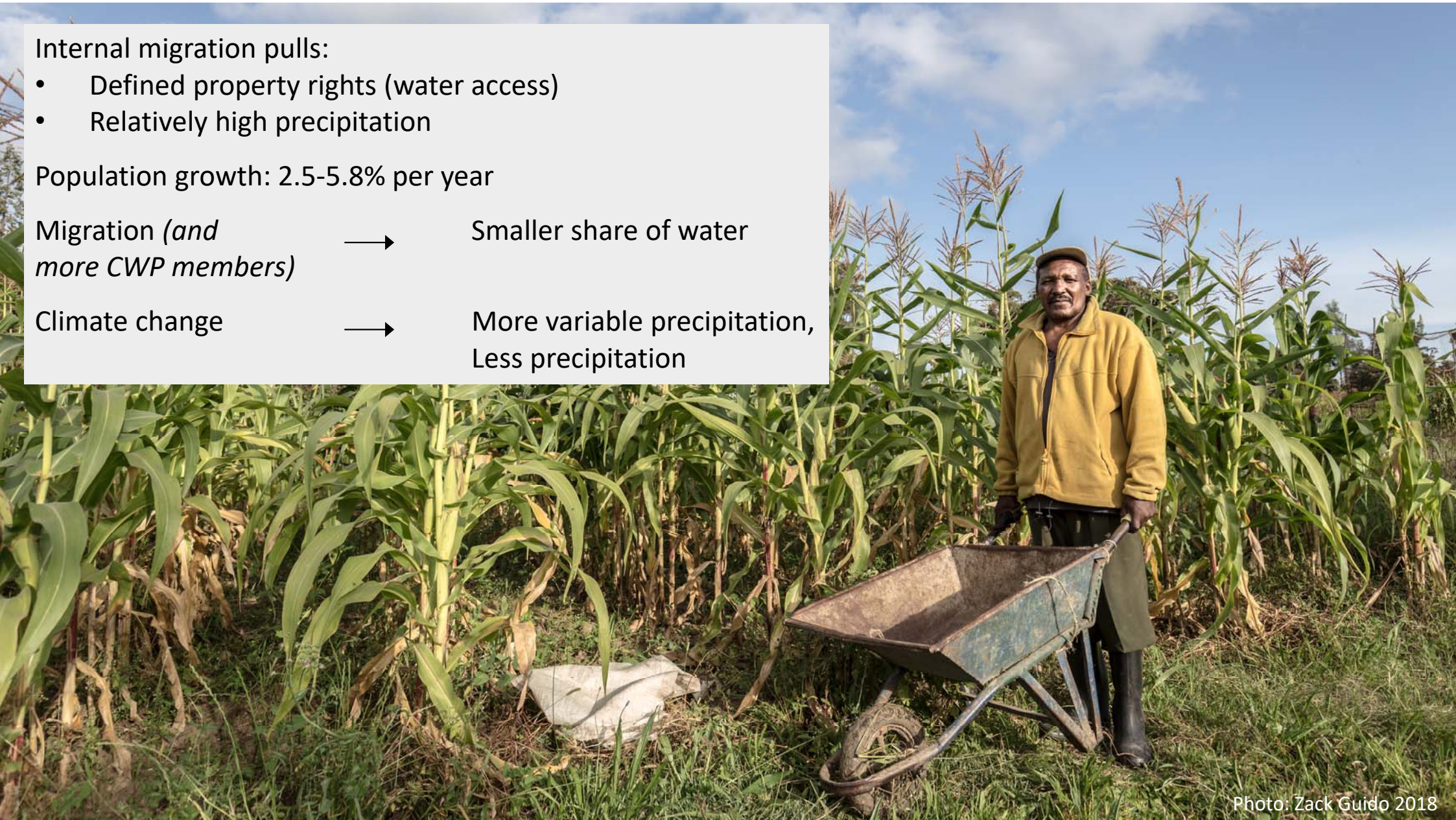
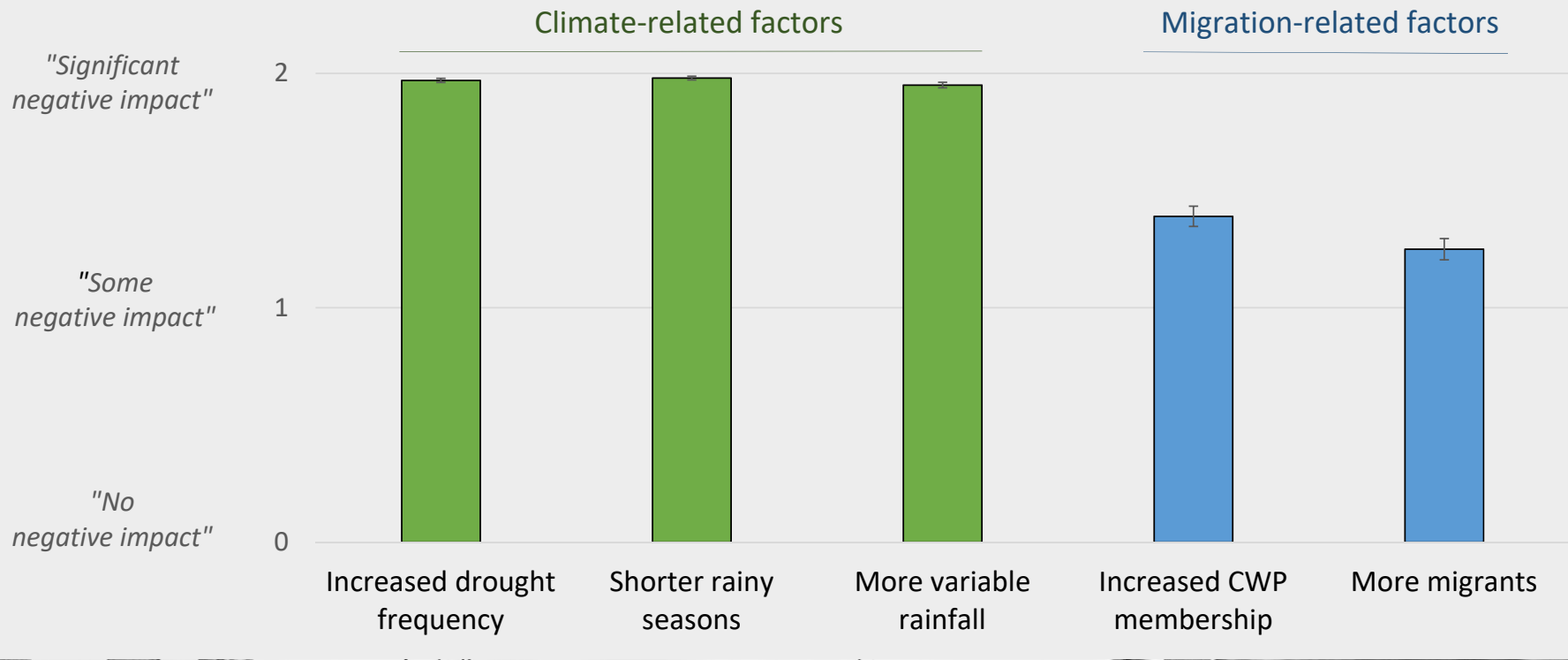


Photo: Zack Guido 2018

"What impact will the following factors have on your agricultural productivity in the next five years?" (N=352)





With financial support from NSF SES-1360463

Thank you!

Sara Lopus ([slopus@calpoly.edu](mailto:slopus@calpoly.edu))