
Geospatial and Farming Systems Research Consortium
The Geospatial and Farming Systems Research Consortium (GFC) is part of the Feed the Future - Sustainable Intensification Innovation Lab.
Past Events
Workshop: Spatial Data Analysis and Modeling for Agricultural Development, with R
Tanzania, August 2016 More Information
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Contact: Robert Hijmans (gfc@ucdavis.edu)
University of California, Davis 2015-2017


Geospatial and Farming Systems Research Consortium
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University of California, Davis
One Shields Avenue, Davis, CA 95616 | 530-752-1011
Dr. Robert Hijmans
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Geospatial and Farming Systems Research Consortium
The Geospatial and Farming Systems Research Consortium is part of the Feed the Future - Sustainable Intensification Innovation Lab. The consortium awards grants and collaborates with researchers working in Africa and South Asia on projects relevant to sustainable intensification of agriculture.
Projects
Spatial Targeting of Agricultural Sustainable Intensification Investments
Generating High-Resolution Geospatial Datasets on Crop-Statistics
Using New Satellites to Assess Maize Productivity in Tanzania
Generating Land Cover and Land Use Database to Identify Cropland Extent
Mapping Cropland Extent of Ethiopia from High-Resolution Imagery
Towards Standardization of Farm Household Surveys
Patterns and Drivers of Land Use Change in Battambang Province, Cambodia
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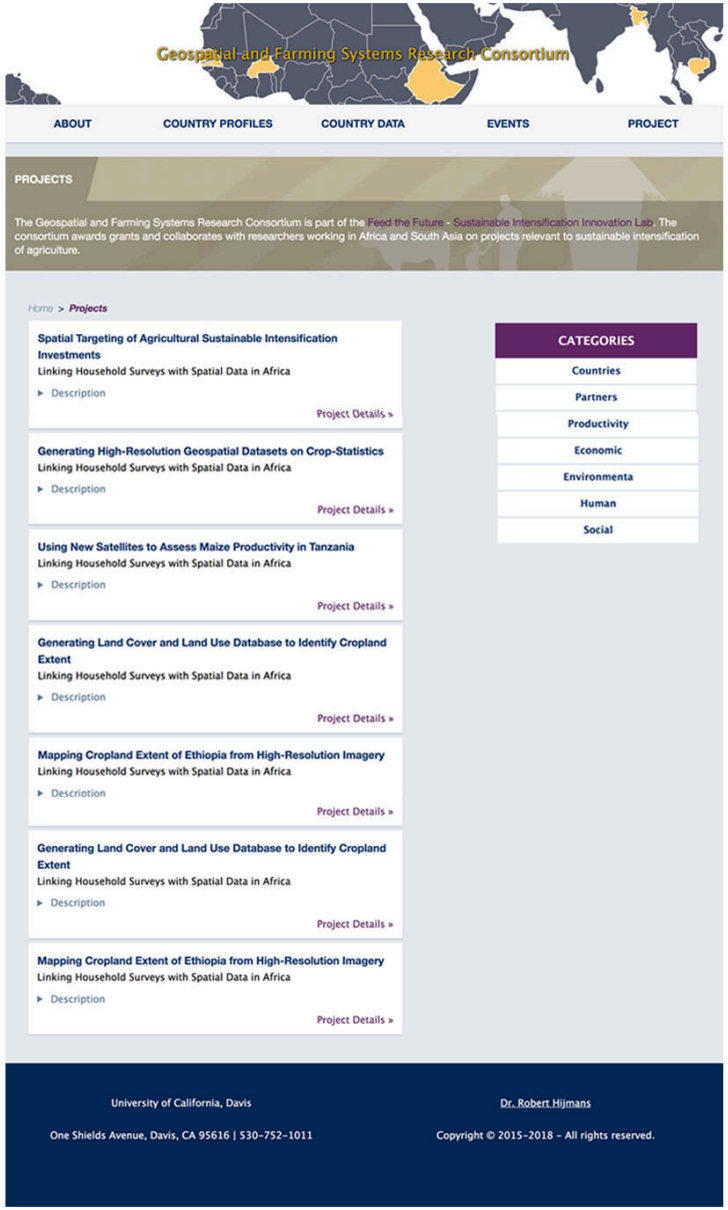
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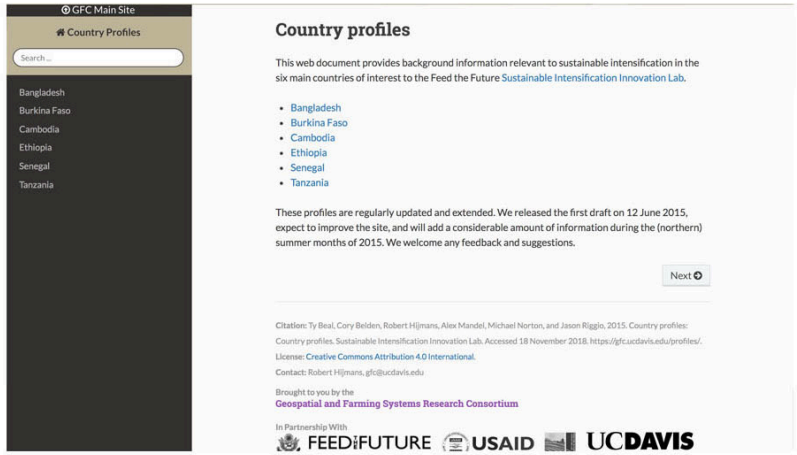
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Country profiles
This web document provides background information relevant to sustainable intensification in the six main countries of interest to the Feed the Future Sustainable Intensification Innovation Lab.
Bangladesh
Burkina Faso
Cambodia
Ethiopia
Senegal
Tanzania
These profiles are regularly updated and extended. We released the first draft on 12 June 2015, expect to improve the site, and will add a considerable amount of information during the (northern) summer months of 2015. We welcome any feedback and suggestions.
Next
Citation: Ty Beal, Cory Belden, Robert Hijmans, Alex Mandel, Michael Norton, and Jason Riggio, 2015. Country profiles: Country profiles. Sustainable Intensification Innovation Lab. Accessed 18 November 2018. https://gfc.ucdavis.edu/profiles/.
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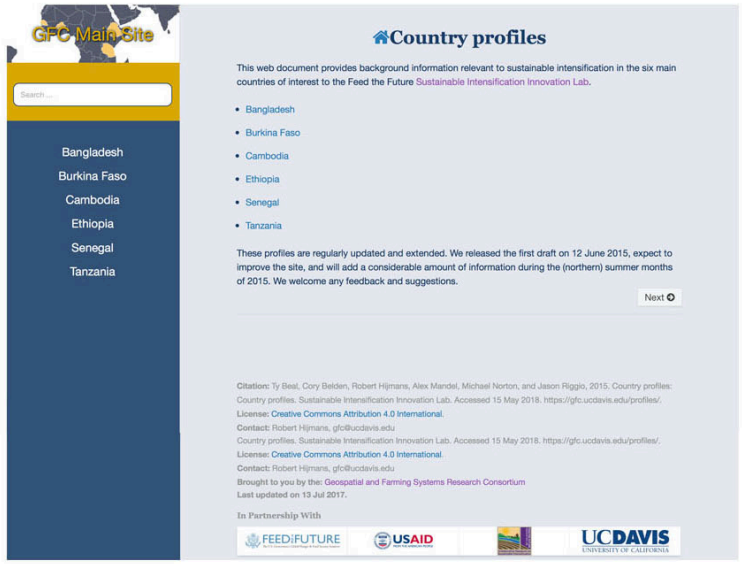
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- Bangladesh
- Burkina Faso
- Cambodia
- Ethiopia
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- Tanzania

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Bangladesh is a densely populated country with relatively intensive agricultural systems. Most of the country is an alluvial plain that is mostly used for rice agriculture. Diets are strongly rice based as well, and are lacking in micronutrients. Major challenges in the country are how to produce even more rice from a low per capita land base, while also increasing the supply of horticultural crops and animal products. Bangladesh is particularly vulnerable to sea level rise.

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