

HarvestPlus Research Atlas



Claudia Jimena Perea (CIAT), Glenn Hyman (CIAT), Elizabeth Barona (CIAT), Germán Lema (CIAT), Liliana Perez (Simon Fraser University)

The HarvestPlus Research Atlas facilitates the viewing and querying of geographic information and related data, as a complement to research work in the HarvestPlus initiative (www.harvestplus.org). The Atlas supports global efforts to reduce micronutrient malnutrition through agricultural and nutrition research.

Directory Structure and Documentation

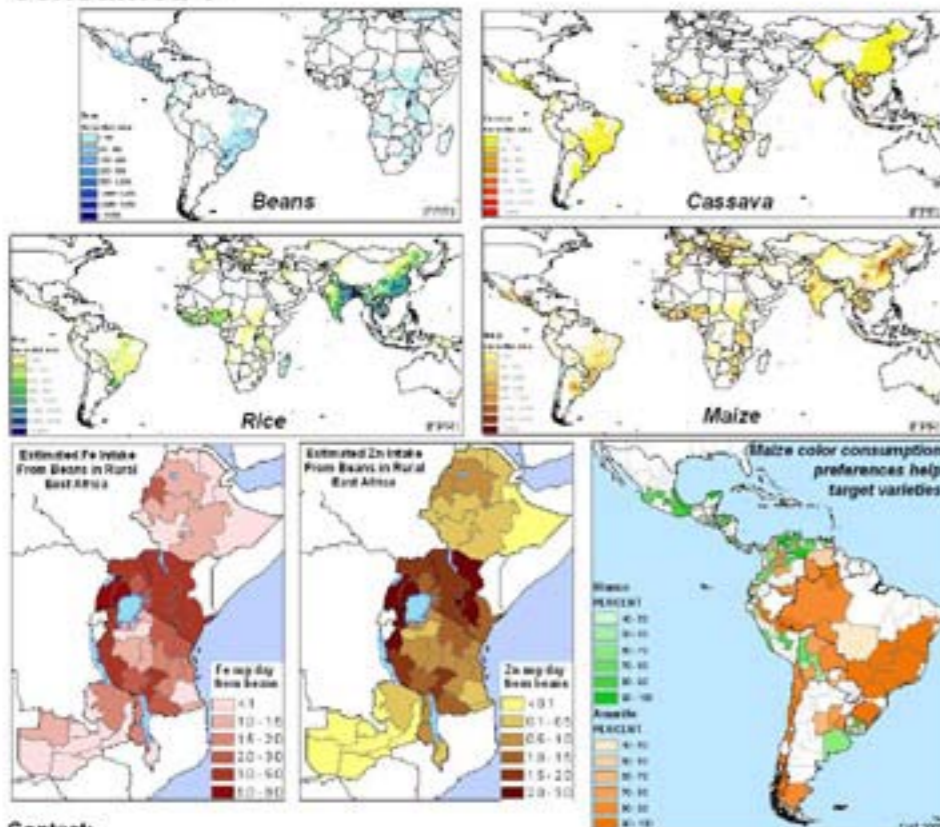
- AgroEcologia
- Consumption
- Crops
- Documentation
- FarmingSystems
- Health
- Irrigation
- MapPreview
- Metadata
- MultipleCrops
- Population
- Poverty
- Reference
- Software
- TrialSites
- BiofortificationAtlas.mxd
- BiofortificationAtlas.pmf
- ReadmeAtlasBrochure.doc

- You can find metadata for each digital map in the "Metadata" Folder. Go to Metadata List to access all metadata.
- Spatial metadata available from the Online Information Catalogue http://gisweb.ciat.cgiar.org:8080/agrosalud/srv/en/main_home in the "Biofortification Atlas", only for registered users. Contact Claudia Perea for registration.
- The Documentation Folder includes additional information about health, crop distribution and poverty. They are journal publications and gray literature on the digital maps in the Atlas. The *ReadMe* file contains a description of these data sets.

Content

The Atlas includes spatial data sets on health, population, poverty, crop production, food consumption and agroecology.

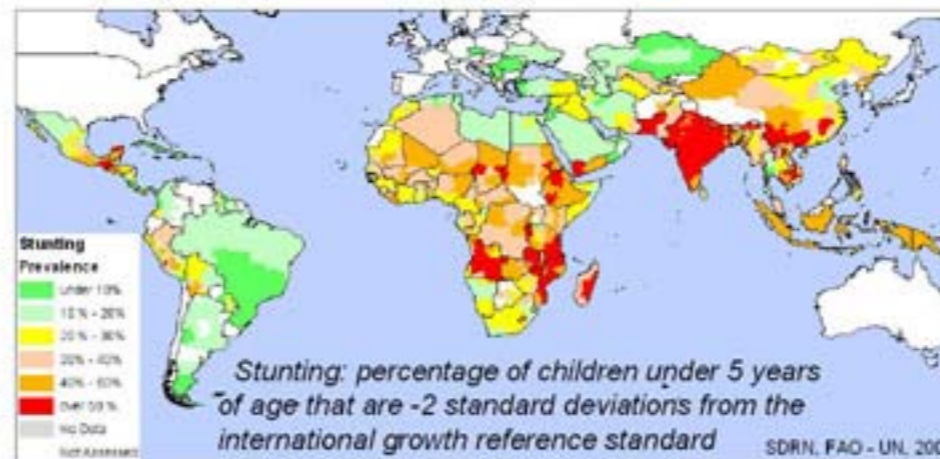
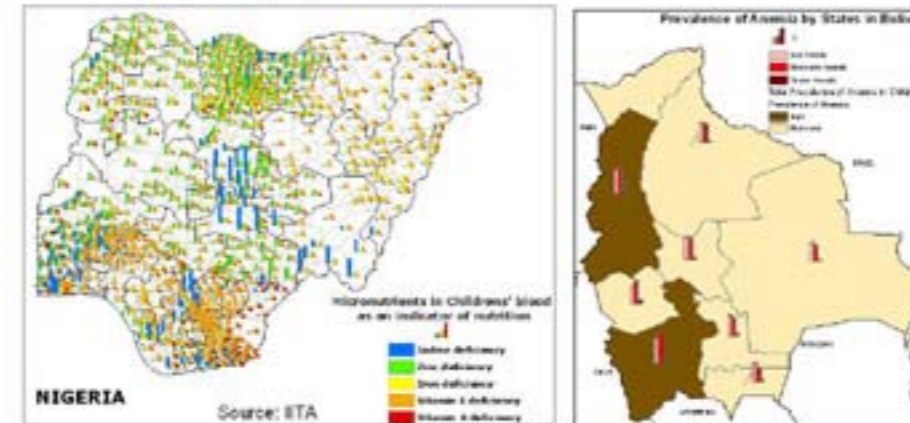
Where are HarvestPlus crops produced and consumed?



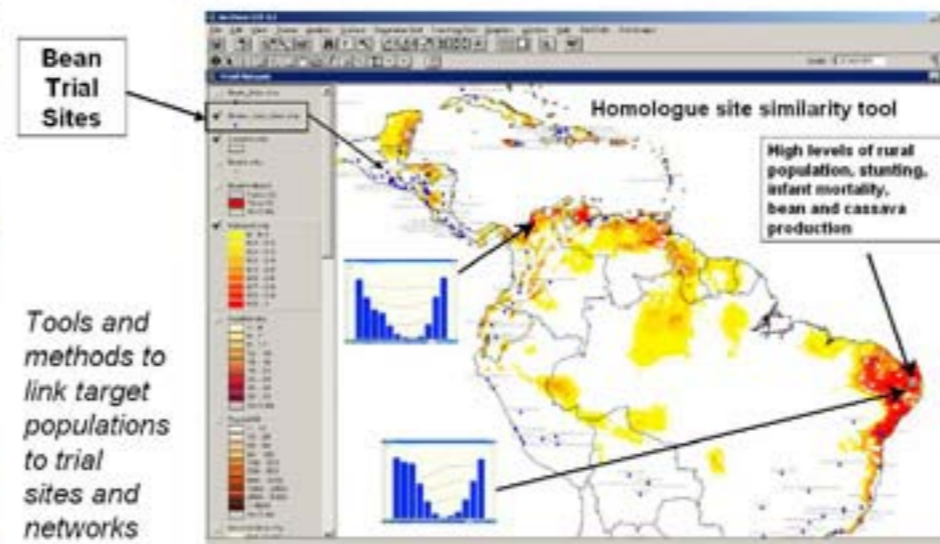
Contact:
Claudia Jimena Perea, Glenn Hyman
International Center for Tropical Agriculture (CIAT)
Email: c.perea@cgiar.org, g.hyman@cgiar.org
Web: <http://gisweb.ciat.cgiar.org>



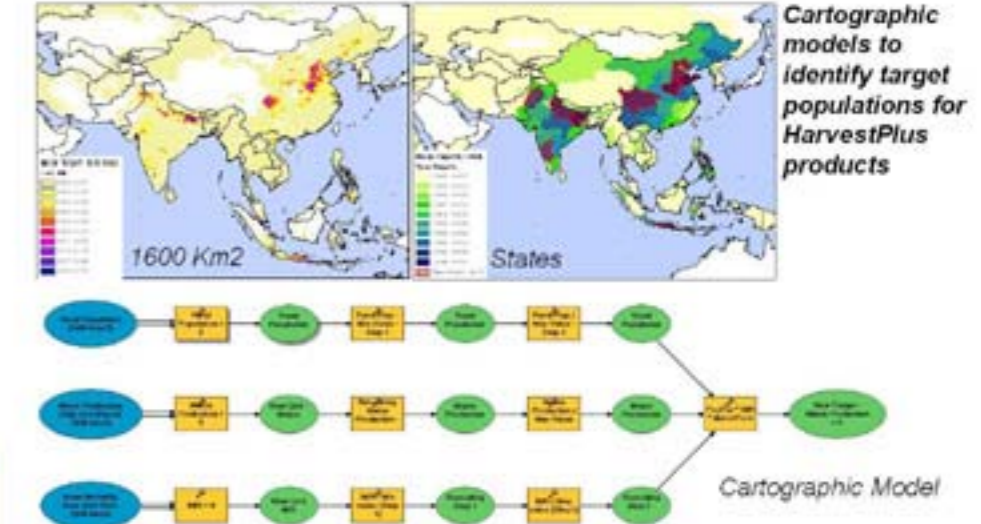
Where are the micronutrient deficient and malnourished populations?



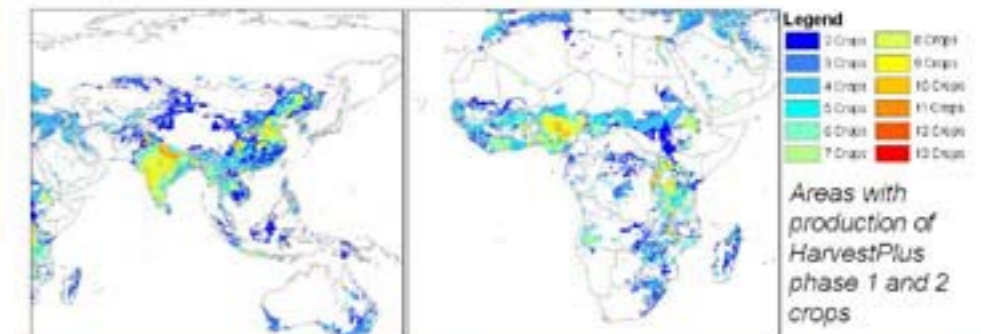
Where can we test biofortified varieties in environment similar to those of micronutrient deficient populations?



Where does high population, poor health and HarvestPlus crops production coincide?



Where could a biofortification strategy employing multiple HarvestPlus crops be considered?



How to view the GIS maps

- Users with GIS software experience can access the *BiofortificationAtlas.mxd* map document in ArcGIS
- Other users can browse and query the Atlas by opening the *BiofortificationAtlas.pmf* file in easy-to-use ArcReader 9.1 software.
- Users can install ArcReader 9.1 from the Software folder.
 - In the MapPreview folder you can find image previews for each digital map.

Attribution and Use

- Atlas for exclusive use of HarvestPlus researchers.
- Users should acknowledge HarvestPlus as the source of information
- Any questions about the HarvestPlus Research Atlas or these data sets should be directed to Glenn Hyman (g.hyman@cgiar.org) or Claudia Perea (c.perea@cgiar.org).