Crop Land Area and Production

Dataset Code: cropHarvest

The Crop Land and Production dataset shows global harvested area and production for four major crops: wheat, soybean, rice and maize. The dataset was derived from the 2005 Spatial Production Allocation Model (SPAM). The SPAM model aimed to disaggregate (downscale) national and subnational crop statistics using a variety of inputs, such as cropland surface, location of irrigated areas, crop suitability and potential yields, rural population densities, production systems characteristics and crop prices. Crop data was downscaled to a spatial resolution of 5 arc minutes. This spatial resolution is approximately 10 kilometers x 10 kilometers at the equator, but changes with distance from the equator.

Citation:
International Food Policy Research Institute (IFPRI) and International Institute for Applied Systems Analysis (IIASA). 2016. "Global Spatially-Disaggregated Crop Production Statistics Data for 2005 Version 3.2." https://doi.org/10.7910/DVN/DHXBJX Add to Citavi project by DOI Harvard Dataverse, V9. Accessed through Resource Watch, (26 April 2022). www.resourcewatch.org.

Layers:
Global maize harvest, Global rice harvest, Global soya bean harvest, Global wheat harvest, Global maize production, Global rice production, Global soya bean production, Global wheat production

Year/s:	Format:	Resolution:	Units:
2005	.tif	10km	Numeric

Source Link:
https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/DHXBJX

SPAM2005V3r2_global_H_TA_MAIZ_A
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