**Crop Land Area and Production**

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| 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:**  2005 | **Format:**  .tif | **Resolution:**  10km | **Units:**  Numeric |
| **Source Link:**  https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/DHXBJX | | | |
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