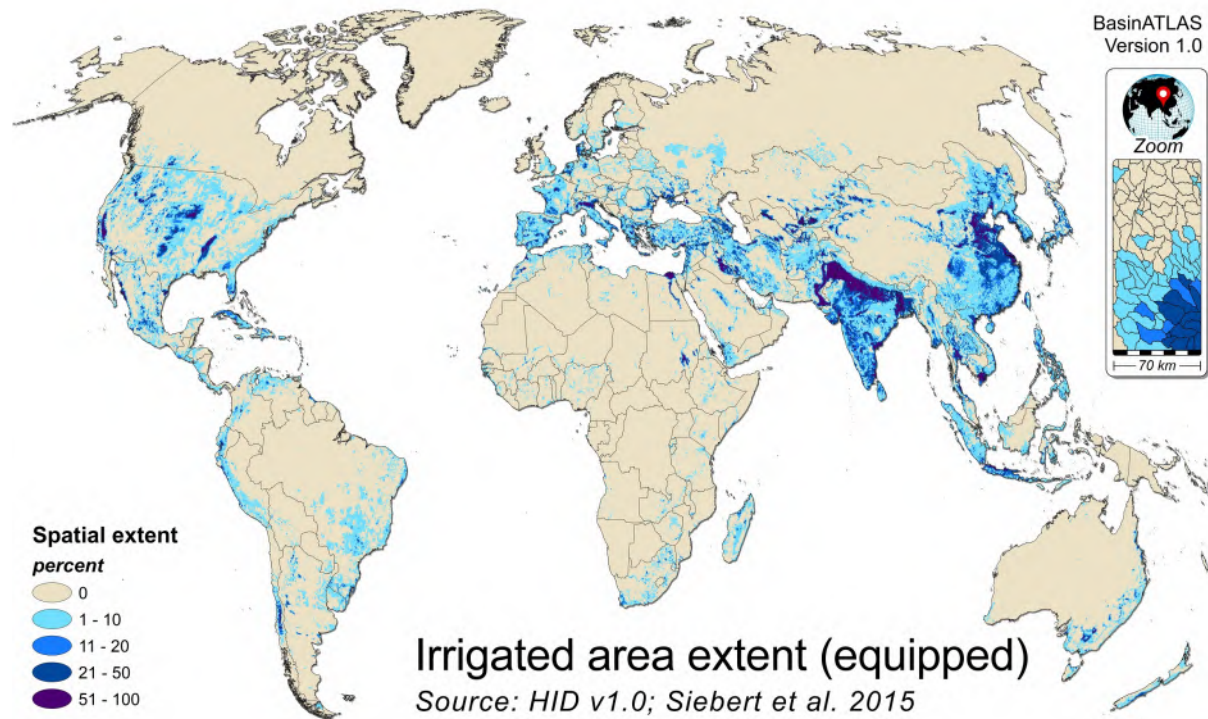


Category	Landcover	ID-L10	>>> Back to Attribute List
Attribute	Irrigated Area Extent (Equipped)		
Source data	Historical Irrigation Dataset (HID) v1.0		
	Citation: Siebert et al. 2015	Native format: 5 arc-min grid	Units: percent cover
Column name	ire_pc_{xoo} (for syntax options of suffix {xoo} see next lines)		
	Spatial extent {x}: {s} in sub-basin {u} in total watershed upstream of sub-basin pour point		
	Dimension {oo}: {se} spatial extent (%)		
	Existing suffixes {xoo}: sse use		



Data description	The HID (Historical Irrigation Dataset) depicts the extent of area equipped for irrigation (AEI) for 1900 to 2005 in 5 arc-minute resolution. The authors collected subnational irrigation statistics for this period from various sources and found that the global extent of AEI increased from 63 million ha (Mha) in 1900 to 111 Mha in 1950 and 306 Mha in 2005. They developed eight gridded versions of time series of AEI by combining subnational irrigation statistics with different data sets on the historical extent of cropland and pasture. Different rules were applied to maximize consistency of the gridded products to subnational irrigation statistics or to historical cropland and pasture data sets. HydroATLAS includes results for the year 2005.
Reference	Siebert, S., Kummu, M., Porkka, M., Döll, P., Ramankutty, N., Scanlon, B.R. (2015). A global data set of the extent of irrigated land from 1900 to 2005. <i>Hydrology and Earth System Science</i> , 19, 1521-1545. doi:10.5194/hess-19-1521-2015
Website	https://doi.org/10.13019/M20599
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Additional information	HydroATLAS uses the AEI_EARTHSTAT_IR_2005 version of available HID grids which maximizes consistency with subnational irrigation statistics (based on discussions in Siebert et al. 2015).