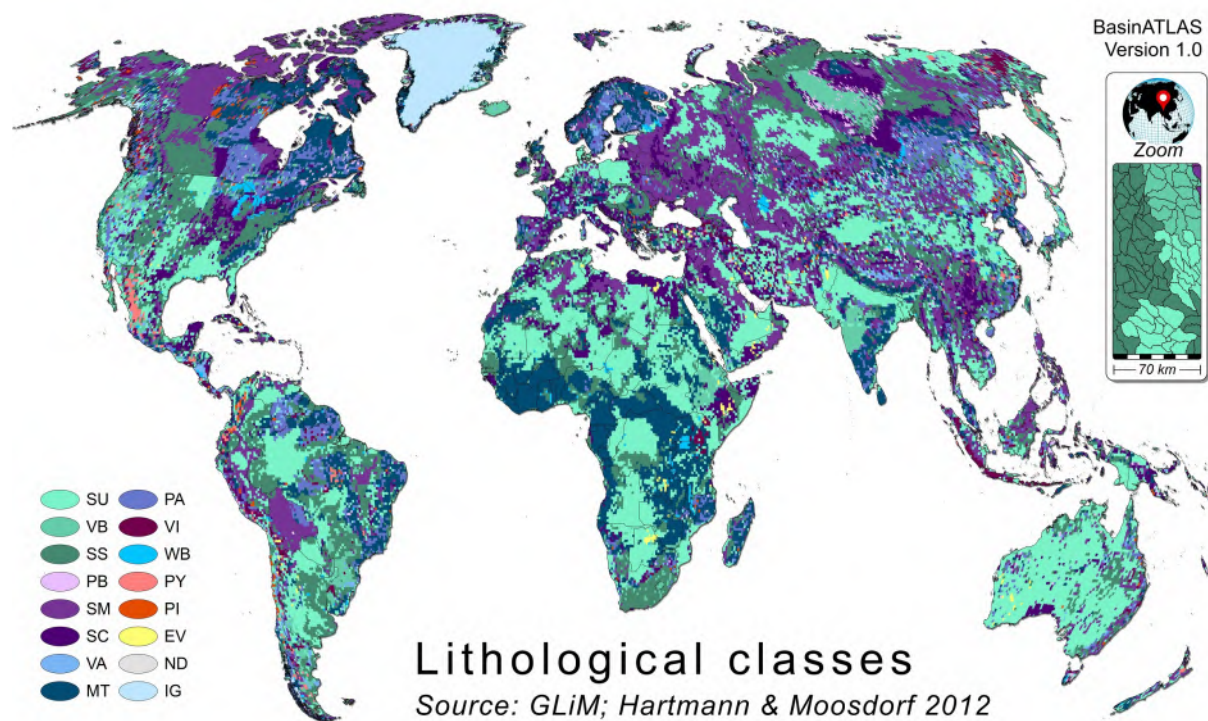


Category	Soils & Geology	ID-S06	>>> Back to Attribute List
Attribute	Lithological Classes		
Source data	Global Lithological Map (GLiM)		
	Citation: Hartmann & Moosdorf 2012	Native format: 30 arc-minute grid	Units: classes (16)
Column name	lit_cl_{xoo}	(for syntax options of suffix {xoo} see next lines)	
	Spatial extent {x}: {s} in sub-basin		
	Dimension {oo}: {mj} spatial majority		
	Existing suffixes {xoo}: smj		



Data description	The Global Lithological Map (GLiM) database was assembled from geological maps with a target resolution of 1:1 million and ideally with a national extent or larger, ranging from 1965 to 2012, and translated into lithological information with the help of regional literature. At its most basic level, GLiM contains 16 lithological classes comparable to previously applied definitions in global lithological maps. GLiM represents the rock types of the Earth surface using more than 1.2 million polygons. In HydroATLAS, the publicly available simplified grid version at 30 arc-minute resolution was used.
Reference	Hartmann, J., Moosdorf, N. (2012). The new global lithological map database GLiM: A representation of rock properties at the Earth surface. <i>Geochemistry, Geophysics, Geosystems</i>, 13, Q12004.
Website	http://doi.pangaea.de/10.1594/PANGAEA.788537
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Additional information	For class names see file HydroATLAS_v10_Legends.xlsx.