

Table S2. Geospatial raster data used in GIS analyses: coverage, typology, resolution and sources.

Coverage	Typology	Geometric resolution	Source	Year
Orellana, Pastaza	Digital Elevation Model (DEM)	30 meters	IGM Ecuador	2011
Orellana, Pastaza	Digital Elevation Model (DEM)	92 meters	SRTM	2000 (February)
Orellana, Pastaza	Digital Elevation Model (DEM)	30 meters	GDEM2	2009
3 satellite scenes	Landsat 5 Thematic Mapper false colour composition 4 (blue), 5 (green), 7 (red)	30 meters	Landsat USGS	- 19 th of February 1991 - 28 th of August 2005 - 2 nd of July 2005