

	Layers	Description	Status	Source
Base Data				
✓	Settlements	City, village, rumah, kampung,...	Complete	<ul style="list-style-type: none"> Topographic Map: 1:50'000 Sabah & Sarawak - Series No DNMM5201
✓	Main Roads	The main roads of Sarawak	Complete	<ul style="list-style-type: none"> Google Earth 2013; stand october 2013 Open Street Map 2013; stand october 2013
✓	Borneo	Political map of Borneo	Complete	<ul style="list-style-type: none"> Esri Data & Maps for ArcGIS 10; stand october 2013
Environment				
✓	Potential Area of Peat Swamp Forest	Potential areas of peat swamp forests	Complete	<ul style="list-style-type: none"> Based on data from Ministry of Land Development; Sarawak 2007
✓	Mangroves	Current mangroves areas	Complete	<ul style="list-style-type: none"> Based on data from Bryan et al.; 2013; Extreme Difference in Forest Degradation in Borneo: Comparing Practices in Sarawak, Sabah, and Brunei
✓	Non-forest Area 2010	Non-forest areas in 2010	Complete	<ul style="list-style-type: none"> Based on data from SarVision; 2011; Impact of oil palm plantations on petland conversion in Sarawak 2005-2010; www.sarvision.com
✓	National Parks	Parks under the jurisdiction of the Department of Wildlife and National Parks of Malaysia	Complete	<ul style="list-style-type: none"> Based on data from Sarawak Forestry Corporation; www.sarawakforestry.com; stand october 2013
✓	Sarawak Potential Vegetation	Vegetation that would grow without any disturbance	Complete	<ul style="list-style-type: none"> Based on data from ASTER GDEM elevation model
✓	Rivers	Mains rivers of Sarawak	Complete	<ul style="list-style-type: none"> Based on maps from Directorate of Overseas Surveys for the Director of National Mapping; Malaysia; 1955;1:50'000; Series T735 (DOS 434/DOS 34/DCS 34)
✓	Riparian Buffer	Protected areas near streams	Complete	<ul style="list-style-type: none"> Based on maps from Directorate of Overseas Surveys for the Director of National Mapping; Malaysia; 1955; 1:50'000; Series T735 (DOS 434/DOS 34/DCS 34)

Indigenous Culture

✓	Penan Selungo Area	Traditional land of the Eastern Penan	Complete	<ul style="list-style-type: none"> Based on data from Bruno Manser Fund
✓	Penan Peace Park	Area of the Penan Peace Park	Complete	<ul style="list-style-type: none"> Based on data from the Penan Peace Park proposal, 2012, www.penanpeacepark.org/resources, stand october 2013
✓	NCR Land Disputes	Area claimed for natives customary rights	Not complete	<ul style="list-style-type: none"> Based on data from NCR Court Cases in Sarawak
✓	Cultivation before the implementation of the Sarawak	NCR Area under the Land Code of Sarawak (Settledcultivation and shifting cultivation)	Complete	<ul style="list-style-type: none"> Based on maps from Land and Survey Department Sarawak; 1956-1957; Land use map of Sarawak and Brunei; 1:250'000; Sarawak Series No. 10

Hydropower Dams and Energy

✓	Hydropower Dams	Dams	Complete	<ul style="list-style-type: none"> Based on data from Sarawak Energy Berhad's; 2007; www.bmf.ch/files/news/Sarawak_Energy_Confidential.pdf; stand october 2013
✓	Hydropowerdams Flood Area	Flood areas	Complete	<ul style="list-style-type: none"> Based on data from official documents Based on calculations from ASTER GDEM elevation model
✓	Gas Pipeline Sarawak-Sabah	Petronas Gas Pipeline	Complete	<ul style="list-style-type: none"> Based on imagery from Google Earth 2013; stand october 2013

Land Cover

✓	Sarawak Landcover 1960ies	<ul style="list-style-type: none"> Primary forest = Mangrove and Nipah, Mixed Swampforest, Kerangas Forest, Alan Forest, Padang Paya Forest, Other Forest Secondary vegetation = Settled cultivation, shifting cultivation 	Complete	<ul style="list-style-type: none"> Based on maps from Land and Survey Department Sarawak; 1956-1957; Land use map of Sarawak and Brunei; 1:250'000; Sarawak Series No. 10
✓	Sarawak Landcover 2010	<ul style="list-style-type: none"> Primary forest based on data from Bryan et al. Secondary forest based on data from SarVision Non-forest based on data from SarVision 	Complete	<ul style="list-style-type: none"> Based on data from Bryan et al.; 2013; Extreme Difference in Forest Degradation in Borneo: Comparing Practices in Sarawak, Sabah, and Brunei Based on data from SarVision; 2011; Impact of oil palm plantations on petland conversion in Sarawak 2005-2010; www.sarvision.com

Land Encroachment: Plantations

✓	Oil Palm Plantations	Area of Oil Palm Plantations	Complete	<ul style="list-style-type: none">Based on data from Ministry of Land Development; Sarawak 2007
✓	Plantation Concessions Information	Information about amount and owners of concessions	Complete	<ul style="list-style-type: none">Based on data from Sarawak Report; map.sarawakreport.org/data.html; stand october 2013

Land Encroachment: Logging

✓	Logging Roads	Logging roads of Sarawak	Not complete (just N/E Sarawak)	<ul style="list-style-type: none">Based on imagery from Google Earth 2013; stand october 2013Based on imagery from Landsat GLS imagery; USGS and NASA
✓	Timber Concessions	Timber concessions in Sarawak	Not complete	<ul style="list-style-type: none">Based on data from Forest Department Sarawak; Locality Map Of Forest Timber Licensed Area; 21 may 2010Based on data from Ministry of Land Development; Sarawak 2007
✓	Timber Reloading Site	Main ports for loading	Complete	<ul style="list-style-type: none">Based on data from Bruno Manser Fund
✓	Deforestation 2005-2007	Deforestation between 2005-2007	Complete	<ul style="list-style-type: none">Based on data from SarVision; 2011; Impact of oil palm plantations on peatland conversion in Sarawak 2005-2010; www.sarvision.com
✓	Deforestation 2007-2009	Deforestation between 2007-2009	Complete	<ul style="list-style-type: none">Based on data from SarVision; 2011; Impact of oil palm plantations on peatland conversion in Sarawak 2005-2010; www.sarvision.com
✓	Deforestation 2009-2010	Deforestation between 2009-2010	Complete	<ul style="list-style-type: none">Based on data from SarVision; 2011; Impact of oil palm plantations on peatland conversion in Sarawak 2005-2010; www.sarvision.com

Politics					
✓	Results State Election 2006 (Voting percent of opposition party Pakatan Rakyat)	Election results 2006	Complete	<ul style="list-style-type: none"> Based on data from Politweet; www.politweet.org; stand october 2013 	
✓	General Election 2008 (Voting percent of opposition party Pakatan Rakyat)	Election results 2008	Complete	<ul style="list-style-type: none"> Based on data from The Star; www.thestar.com.my; stand october 2013 	
✓	Results State Election 2011 (Voting percent of opposition party Pakatan Rakyat)	Election results 2011	Complete	<ul style="list-style-type: none"> Based on data from Politweet; www.politweet.org; stand october 2013 	
✓	General Election 2013 (Voting percent of opposition party Pakatan Rakyat)	Election results 2013	Complete	<ul style="list-style-type: none"> Based on data from Wikipedia; ms.wikipedia.org/wiki/Pilihan_raya_DUN_Sarawak_2011; stand october 2013 	
Regional Maps					
✓	Topomap 1:50'000	Topografic map of Sarawak 1:50'000	Complete	<ul style="list-style-type: none"> Directorate of Overseas Surveys for the Director of National Mapping; Malaysia; 1955;1:50'000; Series T735 (DOS 434/DOS 34/DCS 34) 	
✓	Tactical Pilot Chart (TPC)	Pactical Pilot Chart of Sarawak	Complete	<ul style="list-style-type: none"> Tactical Pilotage Chart; Director of Military Survey, Ministry of Defence, United Kingdom, 1974; 1:500'000; Series L11 	
✓	Land Use Map 1960	Land use map in Sarawak and Sabah in the 1960ies	Complete	<ul style="list-style-type: none"> Land and Survey Department Sarawak; 1956-1957; Land use map of Sarawak and Brunei; 1:250'000; Sarawak Series No. 10 	
✓	Geological Map	Geology of Sarawak	Complete		

Remote Sensing

✓	Landsat Landcover 1990	GLS Landsat imagery	Complete	• Landsat GLS imagery; USGS and NASA
✓	Landsat Landcover 2000	GLS Landsat imagery	Complete	• Landsat GLS imagery; USGS and NASA
✓	Landsat Landcover 2010	GLS Landsat imagery	Complete	• Landsat GLS imagery; USGS and NASA
✓	Landsat Landcover 2013	Landsat 8 imagery	Complete	• Landsat 8 imagery; USGS and NASA

Base Maps

✓	Google Satellite	Satellite imagery of Google	Complete	• Google Satellite 2013; stand october 2013
✓	Google Terrain	Terrain map of Google	Complete	• Google Terrain 2013; stand october 2013
✓	None		Complete	