

Data Files for Jambi Land Cover Change Modelling

Input Files

The input TIF format files (and associated files) for the Jambi land cover modelling are as follows.

Files are names as follows:

Individual category files

bb_name_50

where the bb indicates that this is for the Berbak area project and 50 indicates the raster resolution, 50 m per pixel. The names are as follows:

coast – the coast of the north and east of the study area

fire_dens – fire density map developed from fire hot spot data

peat – areas of peat soil

plant – areas of permitted palm oil expansion [n.b. palm oil plantations exist outside these areas]

prot – areas of protected forest

rivers – waterways, rivers and canals

roads – roads and tracks

tcon – timber concession area

All of these categorical maps are used in the 7 category model and all except the oil palm plantation area, plant, are used for the 3 category study.

Land Cover Maps

bb3_lc2000R_50 – 3 category land cover map from 2000 at 50 m resolution

bb3_lc2010R_50 – 3 category land cover map from 2010 at 50 m resolution

bb7_lc2000R_50 – 7 category land cover map from 2000 at 50 m resolution

bb7_lc2010R_50 – 7 category land cover map from 2010 at 50 m resolution

The original input files from CRISP and University of Singapore did not have the oil palm category.

Output Files

Thirty yearly projected output land cover files were produced for both the 3 and 7 category models. The output is separated into folders for the 3 and 7 category models.

The files are labelled as bbX_output_50_99 where the X is either 3 or 7 indicating output for the 3 or 7 category models, the 50 indicates 50 m resolution and the 99 is on the range 01 – 30 for the 30 years of the model projection from 2010.