

## Japan mosaic land-cover 0.01 degrees raster dataset

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As one of basic information for numerical weather simulation, land-cover and land-use dataset is essential for initial condition. In Japan, MILT published land-cover information as tile and vector files. We mosaicked tile vector files into one raster (gridded) file dataset over Japan. Such mosaicked raster files are available for 1976, 1987, 1991, 1997 and 2009. We also made convert programs from original land-cover flag (number) into typical land surface model (SiB and SiB2) land-cover flag. We also try to explain how to utilize these dataset for the assessment of urban-green to reduce heat island without use of urban canopy model within the poster session core-time. To make the dataset, SALSA project under RECCA/MEXT supports our activity.

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