

In mid 2009, The United Nations Environment Programme (UNEP) In collaboration with the Government of Jamaica through The Planning Institute of Jamaica (PIOJ) embarked on the Risk and Vulnerability Assessment Methodology Development Project (RiVAMP). The project, which was completed in March 2010 involved a number of public consultations and workshops in Kingston and Negril. The following is a list of the GIS datasets (shapefiles and imagery) acquired and used during the project. The data is currently available at the PIOJ. Should you require any of the datasets or the report listed please contact Mrs. Nadine Brown at nbrown@pioj.gov.jm or 935-5058

File	Extension	Provider	Type
Parishes	shp	Jamaican gvt.	Polygon
Assets	shp	Jamaican gvt.	Point
Census	shp	Jamaican gvt.	Polygon
Coastline	shp	Jamaican gvt.	Polygon
Gullies and drain	shp	Jamaican gvt.	Line
Electrical network	shp	Jamaican gvt.	Line
Land cover	shp	Jamaican gvt.	Polygon
Land use	shp	Jamaican gvt.	Polygon
Major road network	shp	Jamaican gvt.	Line
Parishes	shp	Jamaican gvt.	Polygon
Poverty census	shp	Jamaican gvt.	Polygon
Protected area (modified)	shp	Jamaican gvt.	Polygon
Residential settlements	shp	Jamaican gvt.	Point
River network	shp	Jamaican gvt.	Line
Road network	shp	Jamaican gvt.	Line
Coastal atlas	shp	Jamaican gvt.	Polygon
Soil	shp	Jamaican gvt.	Polygon
Watershed	shp	Jamaican gvt.	Polygon
Beach profiles extended into ocean	shp	GRID-Europe	Line
Data extraction along oceanic profiles	shp	GRID-Europe	Point
Beach profiles beginning and end	shp	GRID-Europe	Point
Rough beach profile	shp	GRID-Europe	Line
Precise location of beach profile measurements	shp	SWI	Point
Shoreline position compared to 2006	shp	GRID-Europe	Point
Digitized shoreline through time (converted into shp by GRID Europe)	shp	SWI	Line

File	Extension	Provider	Type
Bathymetry contour line (in meter)	shp	SWI	Line
6 meter depth contour line	shp	SWI	Line
Tropical surge exposure on the beach (3.6 m elevation)	shp	GRID-Europe	Polygon
Tropical surge exposure on the beach (6.7 m elevation)	shp	GRID-Europe	Polygon
Wave exposure on the cliff (7.5 m elevation)	shp	GRID-Europe	Polygon
Wave exposure on the cliff (8.0 m elevation)	shp	GRID-Europe	Polygon
Assets on the beach below 3.6 m elevation	shp	GRID-Europe	Point
Assets on the beach below 6.7 m elevation	shp	GRID-Europe	Point
Assets on the cliff below 7.5 m elevation	shp	GRID-Europe	Point
Assets on the cliff below 8.0 m elevation	shp	GRID-Europe	Point
Population on the beach below 3.6 m elevation (1 km grid exposure)	shp	GRID-Europe	Polygon
Population on the beach below 6.7 m elevation (1 km grid exposure)	shp	GRID-Europe	Polygon
Population on the cliff below 7.5 m elevation (1 km grid exposure)	shp	GRID-Europe	Polygon
Population on the cliff below 8.0 m elevation (1 km grid exposure)	shp	GRID-Europe	Polygon
1 km grid used for population exposure	shp	GRID-Europe	Polygon
Buildings in Negril	shp	Mona GIS	Point
Population census 2001	shp	Jamaican gvt.	Polygon
Population grid in Negril (50 m resolution)		GRID-Europe	Raster
Underwater cover in Negril (2 m resolution)		GRID-Europe	Raster
Underwater cover in Negril (4 m resolution)		GRID-Europe	Raster
Degraded Quickbird image zoomed in Negril	tif	GRID-Europe	Raster
Tropical storm surge of Cat 1 exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 2 exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 3 exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 4 exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 5 exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 6 exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 1 exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 2 and above exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 3 and above exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 4 and above exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 5 and above exposure	shp	GRID-Europe	Polygon
Tropical storm surge of Cat 6 and above exposure	shp	GRID-Europe	Polygon
Tropical storm surge for all categories exposure	shp	GRID-Europe	Polygon
Reclassification file using integer values	txt	GRID-Europe	txt

File	Extension	Provider	Type
Reclassification file using real values	txt	GRID-Europe	txt
Tropical cyclones Saffir-Simpson intensities from PREVIEW dataset	shp	GRID-Europe	Polygon
Tropical cyclones best tracks from PREVIEW dataset	shp	GRID-Europe	Line
Lakes	shp	VMAPO	Polygon
Urban areas	shp	VMAPO	Polygon
Urban centers	shp	VMAPO	Point
Rivers	shp	VMAPO	Line
Assets	lyr	GRID-Europe	Legend
Census	lyr	GRID-Europe	Legend
Land cover	lyr	GRID-Europe	Legend
Land cover reclassified	lyr	GRID-Europe	Legend
Elevation in Negril	lyr	GRID-Europe	Legend
Population exposure	lyr	GRID-Europe	Legend
Land cover (grid)	lyr	GRID-Europe	Legend
Land cover (vector)	lyr	GRID-Europe	Legend
Population grid	lyr	GRID-Europe	Legend
Tropical cyclones Saffir-Simpson categories	lyr	GRID-Europe	Legend
beach profiles lines	shp	SWI	Line
Beach profile measurement	shp	SWI	Point
Coral reef patches	shp	SWI	Polygon
Seagrasses patches	shp	SWI	Polygon
Seagrasses patches	shp	SWI	Point
Landsat image 08.11.1989 (7 bands)	tifs	GLCF	Raster
Landsat image 24.08.1999 (9 bands)	tifs	GLCF	Raster
Landsat image 25.07.2000 (9 bands)	tifs	GLCF	Raster
Landsat image 22.12.2008 (9 bands)	tifs	GLCF	Raster
Landsat image 31.05.2009 (9 bands)	tifs	GLCF	Raster
Bathymetric grid at 2 m resolution		GRID-Europe	Raster
Bathymetric grid at 4 m resolution		GRID-Europe	Raster
Bathymetric grid at 6 m resolution		GRID-Europe	Raster
Bathymetric grid mask	shp	GRID-Europe	Polygon
Bathymetry contour line (in meter)	shp	SWI	Line
ASTER GDEM (30 m resolution)		ASTER	Raster
Jamaican DEM (6 m resolution)		Jamaican gvt.	Raster
Jamaican DEM hillshade		GRID-Europe	Raster

<b>File</b>	<b>Extension</b>	<b>Provider</b>	<b>Type</b>
SRTM DEM (90 m resolution)		SRTM	Raster
SRTM DEM hillshade		GRID-Europe	Raster
GPS information collected by Marisol Estrella	shp	PCDMB	Points
Pictures taken by Marisol estrella	jpgs	PCDMB	Pictures
Underwater cover in Negril (2 m resolution)		GRID-Europe	Raster
Underwater cover in Negril (4 m resolution)		GRID-Europe	Raster
Underwater cover in negril (detailed)	shp	GRID-Europe	Polygon
Underwater cover in negril (dissolved)	shp	GRID-Europe	Polygon
Quickbird image 08.01.2008 (4 band)	img	RIVAMP	Raster