**Core ISO19115**

**Dataset title (M)**

2000-2010\_DFO\_floodextent\_v1

**Metadata point of contact (M)**

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**Dataset reference date (M)**

2015

**Metadata date stamp (M)**

04/12/2015

**Abstract describing the dataset (M)**

The 2000-2010\_DFO\_floodextent\_v1 dataset is reflecting the accumulation of water extent, which was monitored by the Dartmouth Flood Observatory over the period 2000-2010 for Latin America and the Caribbean. Several satellite imagery sources were used over the years to determine water extent, including MODIS and LandSat imageries. The layer is provided with a horizontal resolution of 100x100meter. However, the lowest resolution (MODIS) is 250x250meter so the real resolution is 250x250meter.

The 2000-2010\_DFO\_floodextent\_v1, version 1 dataset is a shapefile composite reflecting flood water extents for 200-2010 for Latin America and the Caribbean.

**Dataset topic category (M)**

Accumulated flood extent observations of 2000-2010.

**Dataset language (M)**

English

**Geographic location of the dataset (by four coordinates or by geographic identifier) (C)**

Top: 4430920.50276 m

Left: -12518088.3581 m

Right: -3808588.35806 m

Bottom: -7402179.49724 m

**Metadata language (C)**

English

**Dataset character set (C)**

??

**Metadata character set (C)**

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**Distribution format (O)**

Shapefile format

**Reference system (O)**

PROJCS["WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere",GEOGCS["GCS\_WGS\_1984",DATUM["D\_WGS\_1984",SPHEROID["WGS\_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Mercator\_Auxiliary\_Sphere"],PARAMETER["False\_Easting",0.0],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",0.0],PARAMETER["Standard\_Parallel\_1",0.0],PARAMETER["Auxiliary\_Sphere\_Type",0.0],UNIT["Meter",1.0]]

**Spatial resolution of the dataset (O)**

Layer spatial resolution: 0.00174532925199433 degrees square (approximately equal to 100 m at the equator). However, the lowest resolution (MODIS) is 250x250meter so the real resolution is 250x250meter.