








xarray.Dataset

► Dimensions: (longitude: 5369, latitude: 4316)

▼ Coordinates:

longitude	(longitude)	float64	-106.6 -106.6 ... -106.1 -106.1	 
latitude	(latitude)	float64	23.4 23.4 23.4 ... 23.0 23.0 23.0	 

▼ Data variables:

chl_mdn	(latitude, longitude)	float32	...	 
l2_flags	(latitude, longitude)	float32	...	 
crs	()	int32	...	 

► Indexes: (2)

► Attributes: (33)

Se muestran los atributos del archivo .nc para la variable clorofila

<xarray.Dataset> Size: 185MB

Dimensions: (longitude: 5369, latitude: 4316)

Coordinates:

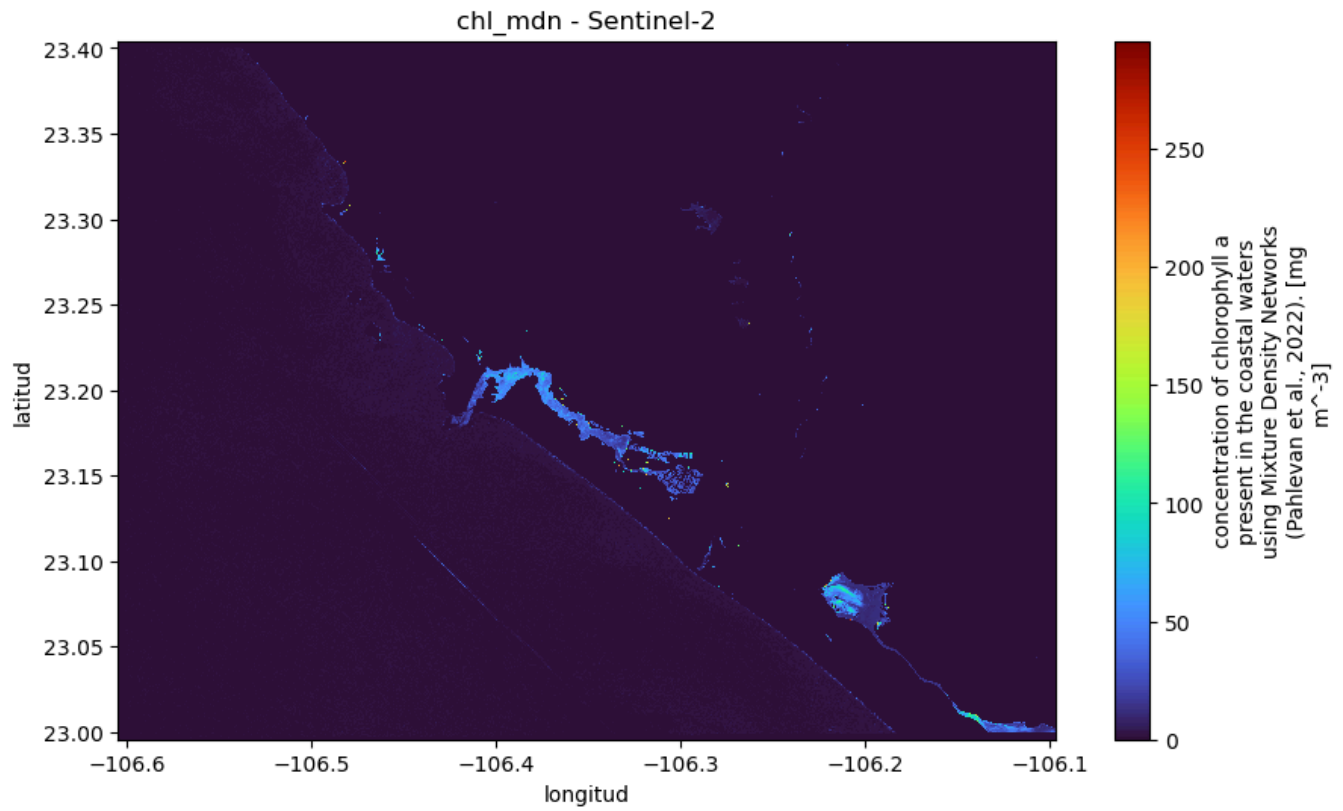
* longitude (longitude) float64 43kB -106.6 -106.6 -106.6 ... -106.1 -106.1
 * latitude (latitude) float64 35kB 23.4 23.4 23.4 23.4 ... 23.0 23.0 23.0

Data variables:

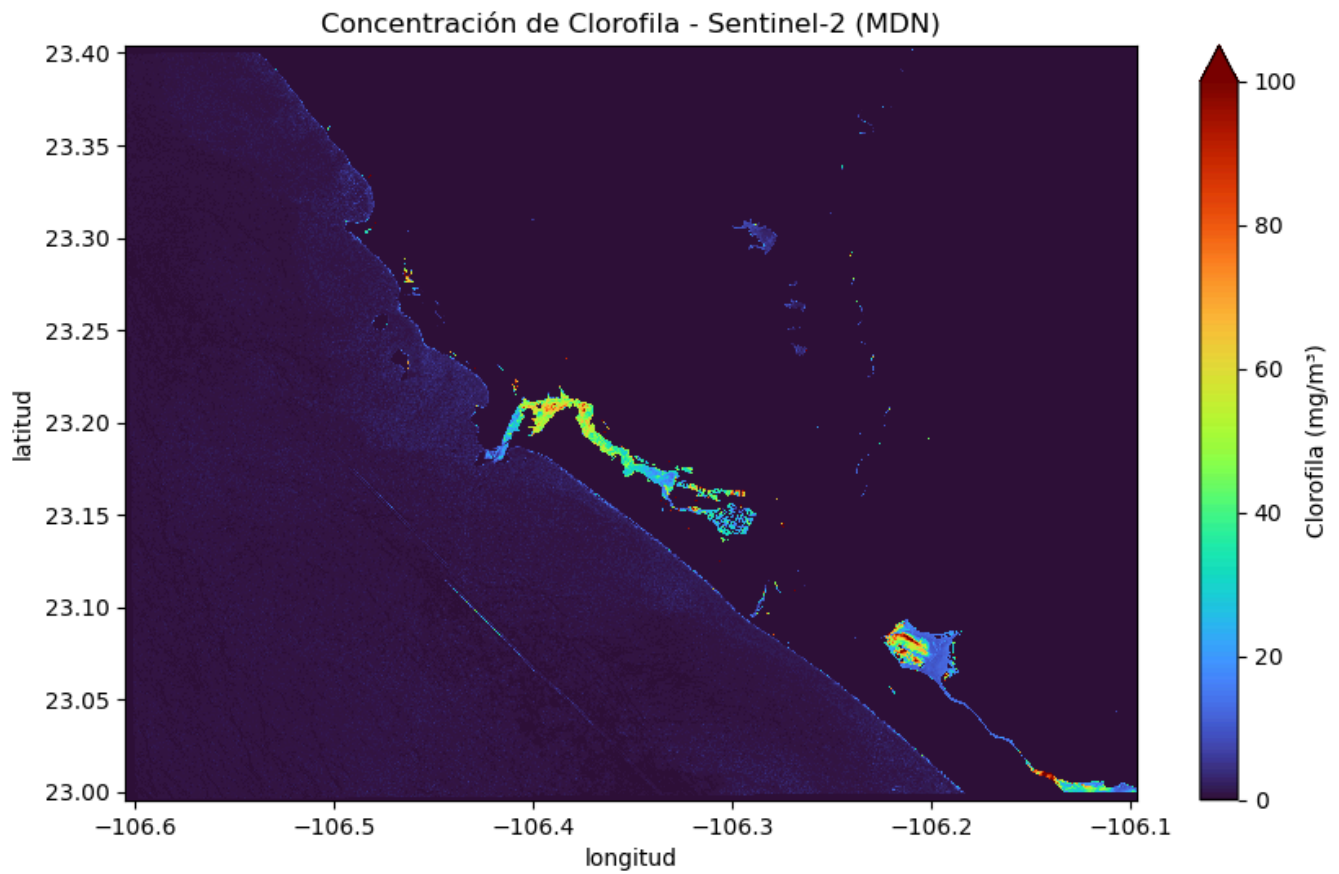
chl_mdn (latitude, longitude) float32 93MB ...
 l2_flags (latitude, longitude) float32 93MB ...
 crs int32 4B ...

Attributes: (12/33)

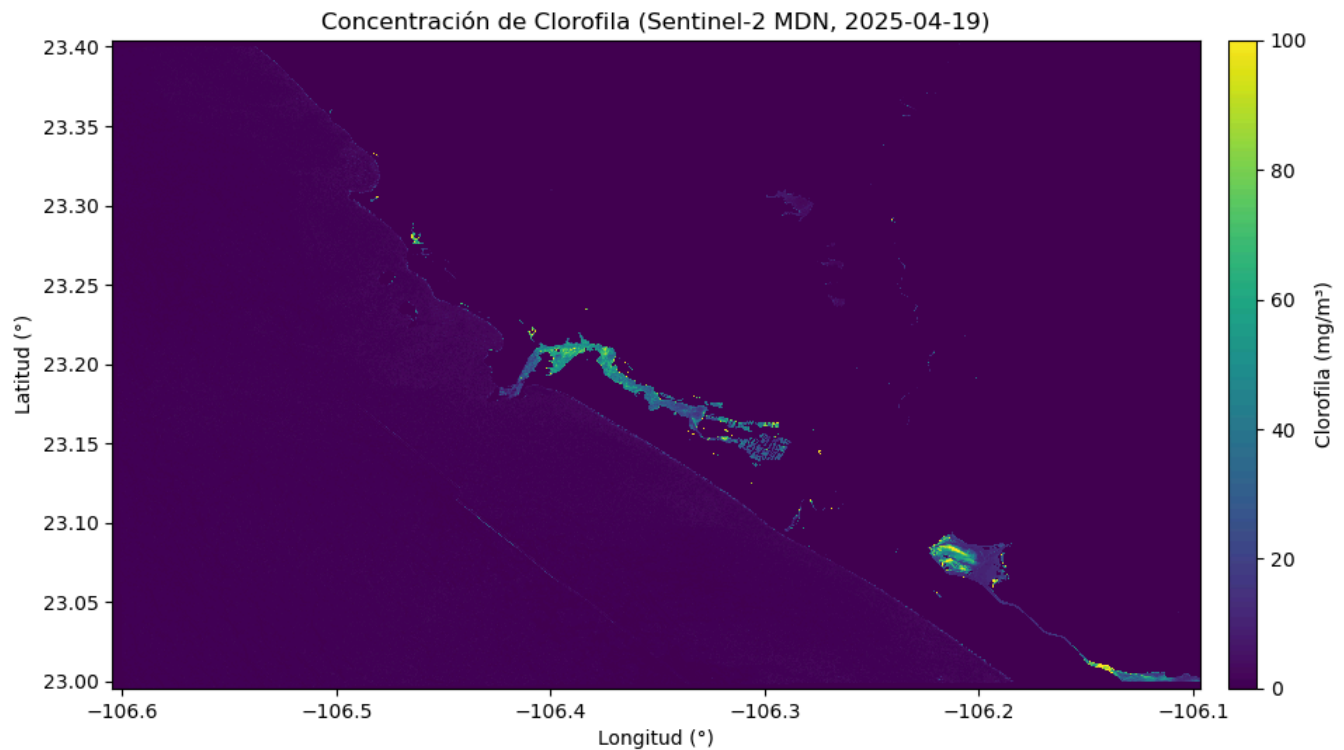
Conventions: CF-1.4
 created_by: R packages ncd4 and terra (version 1.7-83)
 date: 2025-06-09 10:56:24
 id: ICML:UNINMAR:S2B.MSI.20250419.T13QCF.10.chlMDN
 title: Chlorophyll-a concentration in coastal surface wate...
 keywords: EARTH SCIENCE, OCEANS, OCEAN OPTICS, CHLOROPHYLL, C...
 ...
 project: Observatorios costeros del Cambio Global
 source: Level 1C remote sensing image captured by the MSI s...
 spatialResolution: 10m
 license: The ownership of the copyright of this digital cont...
 cdm_data_type: grid
 product_version: 1.1.2



Se ajustan los valores de concentración de clorofila en la Bahía de Mazatlán



Se cambio la paleta de color



Hacer un zoom o recorte a la imagen satelital

