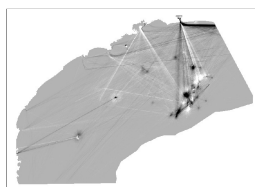


**PETROBRAS\_02022\_000409\_2014\_15\_BSant\_PETROBRAS\_2020\_DIFERENCA\_2019\_2013\_BR.tif**

Raster Dataset



Tags

DENSIDADE; NAVEGAÇÃO; EMBARCAÇÕES; PETROBRAS; PMTE; EVOLUÇÃO

**Summary**

O Projeto de Monitoramento do Tráfego de Embarcações (PMTE) da Baía de Santos foi elaborado em atendimento à solicitação da CGPEG/IBAMA, emitida por meio da condicionante específica nº 2.10 da LP nº 0491/2014. A elaboração e o desenvolvimento do PMTE foram baseados nas orientações do parecer técnico PAR 02022.000409/2014-15 CGPEG/IBAMA, de 12 de setembro de 2014, e do parecer técnico PAR 02022.000548/2014-31 CGPEG/IBAMA, 19 de novembro de 2014, bem como nas informações contidas nas respectivas respostas dos pareceres supracitados, encaminhadas pela PETROBRAS ao IBAMA através da carta DE&P 0218/2014, de 13 de outubro de 2014, a qual também encaminhou o projeto atualmente aprovado, e da carta UOBS 0080/2015, de 12 de fevereiro de 2015.

**Description**

Arquivo representa as áreas com a diferença de densidade entre o ano de 2019 e 2013.

**Credits**

SUB/SSUB/GDSO/STGO.

**Use limitations**

There are no access and use limitations for this item.

**Extent**

**West** -48.672958 **East** -40.578186  
**North** -22.722915 **South** -27.895105

**Scale Range**

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:150,000,000

**ArcGIS Metadata ►****Topics and Keywords ►**

\* CONTENT TYPE Downloadable Data

[Hide Topics and Keywords ▲](#)

**Citation ►**

\* TITLE PETROBRAS\_02022\_000409\_2014\_15\_BSant\_PETROBRAS\_2020\_DIFERENCA\_2019\_2013\_BR.tif

PRESENTATION FORMATS \* digital map

[Hide Citation ▲](#)

**Resource Details ►**

DATASET LANGUAGES \* Portuguese (BRAZIL)

SPATIAL REPRESENTATION TYPE \* grid

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

**CREDITS**

SUB/SSUB/GDSO/STGO.

**ARCGIS ITEM PROPERTIES**

\* NAME PETROBRAS\_02022\_000409\_2014\_15\_BSant\_PETROBRAS\_2020\_DIFERENCA\_2019\_2013\_BR.tif

\* LOCATION file:///C:/Users/bafr/AppData/Local/Temp/arcCA6B/tmpCFB8.tmp.htm

\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

**Extents ►****EXTENT****GEOGRAPHIC EXTENT****BOUNDING RECTANGLE**

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -48.672958

\* EAST LONGITUDE -40.578186

\* NORTH LATITUDE -22.722915

\* SOUTH LATITUDE -27.895105

\* EXTENT CONTAINS THE RESOURCE Yes

**EXTENT IN THE ITEM'S COORDINATE SYSTEM**

\* WEST LONGITUDE 138213.257095

\* EAST LONGITUDE 935713.257095

\* SOUTH LATITUDE 6914417.307804

\* NORTH LATITUDE 7480917.307804

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)**Spatial Reference ►**

## ARCGIS COORDINATE SYSTEM

\* TYPE **Projected**  
 \* GEOGRAPHIC COORDINATE REFERENCE **GCS\_SIRGAS\_2000**  
 \* PROJECTION **SIRGAS\_2000\_UTM\_Zone\_23S**  
 \* COORDINATE REFERENCE DETAILS  
 PROJECTED COORDINATE SYSTEM  
 WELL-KNOWN IDENTIFIER **31983**  
 X ORIGIN **-5120900**  
 Y ORIGIN **1900**  
 XY SCALE **450445547.3910538**  
 Z ORIGIN **-100000**  
 Z SCALE **10000**  
 M ORIGIN **-100000**  
 M SCALE **10000**  
 XY TOLERANCE **0.001**  
 Z TOLERANCE **0.001**  
 M TOLERANCE **0.001**  
 HIGH PRECISION **true**  
 LATEST WELL-KNOWN IDENTIFIER **31983**  
 WELL-KNOWN TEXT PROJCS["SIRGAS\_2000\_UTM\_Zone\_23S",GEOGCS["GCS\_SIRGAS\_2000",DATUM["D\_SIRGAS\_2000",SPHEROID  
 ["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION  
 ["Transverse\_Mercator"],PARAMETER["False\_Easting",500000.0],PARAMETER["False\_Northing",1000000.0],PARAMETER["Central\_Meridian",-  
 45.0],PARAMETER["Scale\_Factor",0.9996],PARAMETER["Latitude\_Of\_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",31983]]

## REFERENCE SYSTEM IDENTIFIER

\* VALUE **31983**  
 \* CODESPACE **EPSG**  
 \* VERSION **7.8.3(8.1.2)**

[Hide Spatial Reference ▲](#)**Spatial Data Properties ►**

## GEORECTIFIED GRID ►

\* NUMBER OF DIMENSIONS **2**

## AXIS DIMENSIONS PROPERTIES

DIMENSION TYPE **column (x-axis)**  
 \* DIMENSION SIZE **1595**  
 \* RESOLUTION **500.000000 m (meter)**

## AXIS DIMENSIONS PROPERTIES

DIMENSION TYPE **row (y-axis)**  
 \* DIMENSION SIZE **1133**  
 \* RESOLUTION **500.000000 m (meter)**

\* CELL GEOMETRY **area**  
 \* POINT IN PIXEL **center**

\* TRANSFORMATION PARAMETERS ARE AVAILABLE **Yes**

\* CHECK POINTS ARE AVAILABLE **No**

## CORNER POINTS

\* POINT **138213.257095 6914417.307804**  
 \* POINT **138213.257095 7480917.307804**  
 \* POINT **935713.257095 7480917.307804**  
 \* POINT **935713.257095 6914417.307804**

\* CENTER POINT **536963.257095 7197667.307804**

[Hide Georectified Grid ▲](#)

## ARCGIS RASTER PROPERTIES ►

## GENERAL INFORMATION

\* PIXEL DEPTH **16**  
 \* COMPRESSION TYPE **LZW**  
 \* NUMBER OF BANDS **1**  
 \* RASTER FORMAT **TIFF**  
 \* SOURCE TYPE **continuous**  
 \* PIXEL TYPE **signed integer**  
 \* NO DATA VALUE **32767**  
 \* HAS COLORMAP **No**  
 \* HAS PYRAMIDS **Yes**

[Hide ArcGIS Raster Properties ▲](#)[Hide Spatial Data Properties ▲](#)**Spatial Data Content ►**

## IMAGE DESCRIPTION

\* TYPE OF INFORMATION **image**

## BAND INFORMATION

\* DESCRIPTION **Band\_1**  
 \* MAXIMUM VALUE **8201.000000**  
 \* MINIMUM VALUE **-9375.000000**  
 \* NUMBER OF BITS PER VALUE **16**

[Hide Spatial Data Content ▲](#)**Geoprocessing history ►**

## PROCESS

PROCESS NAME  
 DATE **2020-02-27 16:53:28**

**TOOL LOCATION** c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Spatial Analyst Tools.tbx\RasterCalculator  
**COMMAND ISSUED**  
 RasterCalculator " "Rst\_DENS\_NAV\_BR\_TOTAL\_BS\_UTM\_Sirgas23S\_num\_int" - "Rst\_DENS\_NAV\_BR\_BS\_2013\_UTM\_Sirgas23S\_num\_int""  
 Z:\GIS\_SMS\_RESERVADO\2.OSGeo\OSGeo\_2020\016\_PMTE-  
 BS\2.Geoprocessamento\_Auxiliar\02\_Projetos\_APRX\OS016\_PMTE\_BS\OS016\_PMTE\_BS.gdb\Rst\_DENS\_NAV\_BR\_BS\_2019\_menos\_2013\_UTM\_Sirgas23S  
**INCLUDE IN LINEAGE WHEN EXPORTING METADATA** No

**PROCESS**

**PROCESS NAME**  
**DATE** 2020-02-28 10:28:21  
**TOOL LOCATION** c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\Rename  
**COMMAND ISSUED**  
 Rename Z:\GIS\_SMS\_RESERVADO\2.OSGeo\OSGeo\_2020\016\_PMTE-  
 BS\2.Geoprocessamento\_Auxiliar\02\_Projetos\_APRX\OS016\_PMTE\_BS\OS016\_PMTE\_BS.gdb\Rst\_DENS\_NAV\_BR\_BS\_2019\_menos\_2013\_UTM\_Sirgas23S  
 Z:\GIS\_SMS\_RESERVADO\2.OSGeo\OSGeo\_2020\016\_PMTE-  
 BS\2.Geoprocessamento\_Auxiliar\02\_Projetos\_APRX\OS016\_PMTE\_BS\OS016\_PMTE\_BS.gdb\Rst\_DENS\_NAV\_BR\_BS\_2019\_menos\_2013\_BS\_UTM\_Sirgas23S  
 RasterDataset  
**INCLUDE IN LINEAGE WHEN EXPORTING METADATA** No

**PROCESS**

**PROCESS NAME**  
**DATE** 2020-02-28 10:30:32  
**TOOL LOCATION** c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\Rename  
**COMMAND ISSUED**  
 Rename Z:\GIS\_SMS\_RESERVADO\2.OSGeo\OSGeo\_2020\016\_PMTE-  
 BS\2.Geoprocessamento\_Auxiliar\02\_Projetos\_APRX\OS016\_PMTE\_BS\OS016\_PMTE\_BS.gdb\Rst\_DENS\_NAV\_BR\_2019\_menos\_2013\_BS\_UTM\_Sirgas23S  
 Z:\GIS\_SMS\_RESERVADO\2.OSGeo\OSGeo\_2020\016\_PMTE-  
 BS\2.Geoprocessamento\_Auxiliar\02\_Projetos\_APRX\OS016\_PMTE\_BS\OS016\_PMTE\_BS.gdb\Rst\_DENS\_NAV\_BR\_2019\_menos\_BR\_2013\_BS\_UTM\_Sirgas23S  
 RasterDataset  
**INCLUDE IN LINEAGE WHEN EXPORTING METADATA** No

**PROCESS**

**PROCESS NAME**  
**DATE** 2020-04-03 10:18:44  
**TOOL LOCATION** c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\Rename  
**COMMAND ISSUED**  
 Rename Z:\GIS\_SMS\_RESERVADO\OSGeo\OS2020  
 \OS016\_PMTE\_BS\2.Geoprocessamento\_auxiliar\OS016\_PMTE\_BS\OS016\_PMTE\_BS.gdb\Rst\_DENS\_NAV\_BR\_2019\_menos\_BR\_2013\_BS\_UTM\_Sirgas23S  
 Z:\GIS\_SMS\_RESERVADO\OSGeo\OS2020  
 \OS016\_PMTE\_BS\2.Geoprocessamento\_auxiliar\OS016\_PMTE\_BS\OS016\_PMTE\_BS.gdb\Rst\_DENS\_NAV\_BR\_TOTAL\_2019\_menos\_BR\_2013\_BS\_UTM\_Sirgas23S  
 RasterDataset  
**INCLUDE IN LINEAGE WHEN EXPORTING METADATA** No

**PROCESS**

**PROCESS NAME**  
**DATE** 2020-11-13 12:02:16  
**TOOL LOCATION** c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Data Management Tools.tbx\Clip  
**COMMAND ISSUED**  
 Clip "Diferença (km/km²) = (2019 - 2013)" "132748,6451 6913938,6924 948217,4108 7490726,6" Z:\GIS\_SMS\_RESERVADO\2.OSGeo\OSGeo\_2020  
 \016\_PMTE-  
 BS\2.Geoprocessamento\_Auxiliar\PMTE\_BS\_2019\_BDG\3\_RASTER\_ETROBRAS\_02022\_000409\_2014\_15\_Bsant\_PETROBRAS\_2020\_DIFERENCA\_2019\_2013\_BR.t  
 "Limites Bacia de Santos" 32767 NONE NO\_MAINTAIN\_EXTENT  
**INCLUDE IN LINEAGE WHEN EXPORTING METADATA** No

[Hide Geoprocessing history ▲](#)

**Distribution ►**

**DISTRIBUTION FORMAT**  
 \* **NAME** Raster Dataset

[Hide Distribution ▲](#)

**Metadata Details ►**

\* **METADATA LANGUAGE** Portuguese (BRAZIL)

**SCOPE OF THE DATA DESCRIBED BY THE METADATA** \* **dataset**  
**SCOPE NAME** \* **dataset**

\* **LAST UPDATE** 2020-11-15

**ARCGIS METADATA PROPERTIES**

**METADATA FORMAT** ArcGIS 1.0  
**STANDARD OR PROFILE USED TO EDIT METADATA** ISO19139

**CREATED IN ARCGIS FOR THE ITEM** 2020-02-27 16:53:28  
**LAST MODIFIED IN ARCGIS FOR THE ITEM** 2020-11-15 20:45:02

**AUTOMATIC UPDATES**  
**HAVE BEEN PERFORMED** Yes  
**LAST UPDATE** 2020-11-15 20:45:02

[Hide Metadata Details ▲](#)

**Thumbnail and Enclosures ►**

**THUMBNAIL**  
**THUMBNAIL TYPE** JPG

[Hide Thumbnail and Enclosures ▲](#)