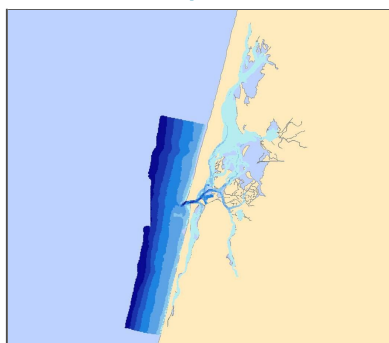


Bathymetric Model of Ria de Aveiro/Modelo Batimétrico da Ria de Aveiro

Shapefile



Tags

depths; profundidades; bathymetry; batimetria; hydrographic data; Coastal Bathymetry; batrimetria, costeira, Portugal; Ria de Aveiro

Summary

This theme contains a grid with 100 meters, built on survey information from the hydrographic surveying in ria Formosa. Full coverage of the area was raised using the multibeam system (SMF) and single beam (FS). -- (POR) Este tema contém uma malha com 100 metros, construída com base em informação de sondagem proveniente dos levantamentos hidrográficos realizados na ria Formosa. A cobertura total da zona foi levantada com recurso ao sistema multifeixe (SMF) e de feixe simples (FS).

Description

There is no description for this item.

Credits

There are no credits for this item.

Use limitations

This data does not replace Nautical Charts (NCs); should not be used for navigation; are not corrected for Notices to Mariners. -- (POR) Estes dados não substituem as cartas náuticas; não devem ser utilizados para efeitos de navegação; não se encontram corrigidos através dos Avisos aos Navegantes.

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE elevation, geoscientificInformation, oceans

* CONTENT TYPE Downloadable Data

DISCIPLINE KEYWORDS Hydrography; Hidrografia

PLACE KEYWORDS Portugal; Ria de Aveiro

THEME KEYWORDS depths; profundidades; bathymetry; batimetria; hydrographic data; Coastal, Bathymetry; batrimetria costeira

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Bathymetric Model of Ria de Aveiro/Modelo Batimétrico da Ria de Aveiro

ALTERNATE TITLES 100 meters resolution/Resolução de 100 metros

PRESENTATION FORMATS * digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation ▲](#)

Citation Contacts ▶

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Hydrographic Division/Divisão de Hidrografia
 ORGANIZATION'S NAME Portuguese Hydrographic Institute (IHPT)/Instituto Hidrográfico (IH)
 CONTACT'S POSITION Technique Direction Division/Divisão da Direcção Técnica
 CONTACT'S ROLE originator

CONTACT INFORMATION ▶

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 FAX +351 210 943 299

ADDRESS

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 DELIVERY POINT Rua das Trinas, 49
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 ADMINISTRATIVE AREA Lisboa
 POSTAL CODE 1249 - 093
 COUNTRY Portugal
 E-MAIL ADDRESS hidrografia@hidrografico.pt

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ▶

DATASET LANGUAGES * Portuguese (PORTUGAL)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.4.4000

ARCGIS ITEM PROPERTIES

* NAME ModeloBatimetrico_RiaAveiro
 * SIZE 0.535
 * LOCATION file://\CD-NTBK\E\ModeloBatimetrico_RiaAveiro\ModeloBatimetrico_RiaAveiro\ModeloBatimetrico_RiaAveiro.shp
 * ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ▶

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
 * WEST LONGITUDE -8.855406
 * EAST LONGITUDE -8.608425
 * NORTH LATITUDE 40.860535
 * SOUTH LATITUDE 40.484679
 * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -60900.000000
 * EAST LONGITUDE -40300.000000
 * SOUTH LATITUDE 90900.000000
 * NORTH LATITUDE 132500.000000
 * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Hydrographic Division/Divisão de Hidrografia
 ORGANIZATION'S NAME Portuguese Hydrographic Institute (IHPT)/Instituto Hidrográfico (IH)
 CONTACT'S POSITION Technique Direction Division/Divisão da Direcção Técnica
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[Hide Resource Points of Contact ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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LEGAL CONSTRAINTS

LIMITATIONS OF USE

These data (for Free Download) are unofficial. These data can not be used for commercial purposes, only for personal use and/or personal research. If they are used in the production of scientific papers or publications, the source should be mentioned. -- (POR) Salienta-se que os dados disponibilizados (Download Gratuito) são apenas dados de referência, não oficiais. Estes dados não podem ser utilizados para fins comerciais, mas apenas para fins de utilização pessoal e/ou investigação própria e sempre com referência à sua origem no caso de serem utilizados na produção de publicações científicas.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_ETRS_1989
- * PROJECTION ETRS_1989_Portugal_TM06

* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 3763
 X ORIGIN -5623200
 Y ORIGIN -14394800
 XY SCALE 450265407.00157917
 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
WELL-KNOWN TEXT PROJCS["ETRS_1989_Portugal_TM06",GEOGCS["GCS_ETRS_1989",DATUM
["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM
["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION
["Transverse_Mercator"],PARAMETER["False_Easting",0.0],PARAMETER
["False_Northing",0.0],PARAMETER["Central_Meridian",-8.133108333333334],PARAMETER
["Scale_Factor",1.0],PARAMETER["Latitude_Of_Origin",39.66825833333333],UNIT
["Meter",1.0],AUTHORITY["EPSG",3763]]

REFERENCE SYSTEM IDENTIFIER

* VALUE 3763
* CODESPACE EPSG
* VERSION 7.4.1

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME ModeloBatimetrico_RiaAveiro
* OBJECT TYPE point
* OBJECT COUNT 20049

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 20049
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

This theme was created by the Hydrographic Division. The available information was generated through an interpolation model for a grid of 100 meters, based on sounding.

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(POR) O tema foi construído pela Divisão de Hidrografia. A informação disponível, foi gerada através de um modelo de interpolação, para uma malha de 100 metros com base em sondas reduzidas.

[Hide Lineage ▲](#)

Geoprocessing history ►

PROCESS

PROCESS NAME

DATE 2011-11-22 16:17:36

TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\DefineProjection

COMMAND ISSUED

DefineProjection Ria_Aveiro_malha100m PROJCS['ETRS_1989_Portugal_TM06',GEOGCS
['GCS_ETRS_1989',DATUM['D_ETRS_1989',SPHEROID

```

['GRS_1980',6378137.0,298.257222101]],PRIMEM['Greenwich',0.0],UNIT
['Degree',0.0174532925199433]],PROJECTION['Transverse_Mercator'],PARAMETER
['False_Easting',0.0],PARAMETER['False_Northing',0.0],PARAMETER['Central_Meridian',-
8.133108333333334],PARAMETER['Scale_Factor',1.0],PARAMETER
['Latitude_Of_Origin',39.66825833333333],UNIT['Meter',1.0]] Ria_Aveiro_malha100m
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

```

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Centro de Dados Técnico-Científicos / Technical Scientific Data Centre
 ORGANIZATION'S NAME Instituto Hidrográfico (IH) / Portuguese Hydrographic Institute (IHPT)
 CONTACT'S POSITION Technique Direction Division
 CONTACT'S ROLE publisher

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 E-MAIL ADDRESS centro.dados@hidrografico.pt

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.535

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT ModeloBatimetrico_RiaAveiro ►

* TYPE Feature Class
 * ROW COUNT 20049

FIELD FID ►

* ALIAS FID
 * DATA TYPE OID
 * WIDTH 4
 * PRECISION 0
 * SCALE 0
 * FIELD DESCRIPTION
 Internal feature number.
 * DESCRIPTION SOURCE
 ESRI
 * DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD Shape ▶

- * ALIAS Shape
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES Coordinates defining the features.

Hide Field Shape ▲

FIELD RECNO ▶

- * ALIAS RECNO
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 12
- * SCALE 0

Hide Field RECNO ▲

FIELD ELEVATION ▶

- * ALIAS ELEVATION
- * DATA TYPE Double
- * WIDTH 16
- * PRECISION 15
- * SCALE 6

Hide Field ELEVATION ▲

FIELD DATAFLAGS ▶

- * ALIAS DATAFLAGS
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 12
- * SCALE 0

Hide Field DATAFLAGS ▲

FIELD DISPX ▶

- * ALIAS DISPX
- * DATA TYPE Double
- * WIDTH 18
- * PRECISION 17
- * SCALE 8

Hide Field DISPX ▲

FIELD DISPY ▶

- * ALIAS DISPY
- * DATA TYPE Double
- * WIDTH 18
- * PRECISION 17
- * SCALE 8

Hide Field DISPY ▲

FIELD SIZE ▶

- * ALIAS SIZE
- * DATA TYPE Double
- * WIDTH 14
- * PRECISION 13
- * SCALE 6

Hide Field SIZE ▲

FIELD ANGLE ►

- * ALIAS ANGLE
- * DATA TYPE Single
- * WIDTH 8
- * PRECISION 7
- * SCALE 3

Hide Field ANGLE ▲

FIELD SCALE ►

- * ALIAS SCALE
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 12
- * SCALE 0

Hide Field SCALE ▲

FIELD KEYWORD ►

- * ALIAS KEYWORD
- * DATA TYPE String
- * WIDTH 32
- * PRECISION 0
- * SCALE 0

Hide Field KEYWORD ▲

FIELD USERNUM ►

- * ALIAS USERNUM
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 12
- * SCALE 0

Hide Field USERNUM ▲

FIELD FCODE ►

- * ALIAS FCODE
- * DATA TYPE String
- * WIDTH 12
- * PRECISION 0
- * SCALE 0

Hide Field FCODE ▲

FIELD DATATYPE ►

- * ALIAS DATATYPE
- * DATA TYPE SmallInteger
- * WIDTH 4
- * PRECISION 4
- * SCALE 0

Hide Field DATATYPE ▲

FIELD DESCFLAGS ▶

- * ALIAS DESCFLAGS
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 12
- * SCALE 0

Hide Field DESCFLAGS ▲

FIELD THEMENUM ▶

- * ALIAS THEMENUM
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 12
- * SCALE 0

Hide Field THEMENUM ▲

FIELD INDEXKEY ▶

- * ALIAS INDEXKEY
- * DATA TYPE String
- * WIDTH 12
- * PRECISION 0
- * SCALE 0

Hide Field INDEXKEY ▲

FIELD SUPERFLAGS ▶

- * ALIAS SUPERFLAGS
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 12
- * SCALE 0

Hide Field SUPERFLAGS ▲

FIELD SOURCEID ▶

- * ALIAS SOURCEID
- * DATA TYPE String
- * WIDTH 12
- * PRECISION 0
- * SCALE 0

Hide Field SOURCEID ▲

Hide Details for object ModeloBatimetrico_RiaAveiro ▲

Hide Fields ▲

Metadata Details ▶

* METADATA LANGUAGE Portuguese (PORTUGAL)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2013-02-07

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE INSPIRE Metadata Directive

STANDARD OR PROFILE USED TO EDIT METADATA INSPIRE

CREATED IN ARCGIS 2013-02-07 10:58:25
LAST MODIFIED IN ARCGIS 2013-02-07 15:17:49

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2013-02-07 15:17:49

[Hide Metadata Details ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL
THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼