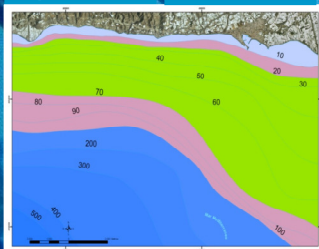
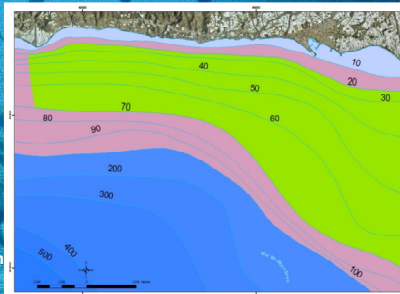


Assignment of technical criteria

Depth: 10 m – 100 m

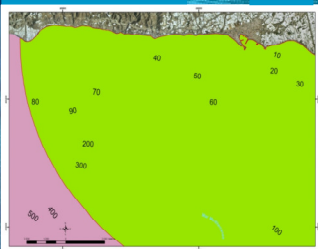


• RAB : 20 m - 70 m.



• RLB: 10 m - 20 m / 70 m - 100 m.

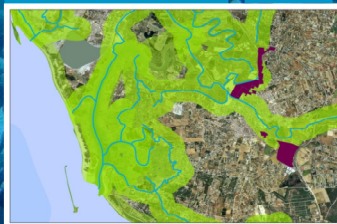
Distance to Base Port 6 mn



• RAD: D < 6 mn

• RLD: D > 6 mn

Distance to coast : 500 m
Orography: 20 m



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Source and Acquisition of Vectorial Data / Compatibility Criteria

Proyección: Universal Transversal Mercator (UTM)

Reference System, Datum: European Datum 1950

Regulation or Supplied Authorities Request official communication

Spatial Component



INFORMATION

Alphanumeric component

Objeto	Elemento	U.T. Zona	Tipo	Zonificación	Comun.	Superf. (m ²)	Superf. (ha)
9	Polygon	6 A	Zonas de Reserva	Esquente	3	2431,269275	0,95700,714446
9	Polygon	6 A	Zonas de Reserva	Esquente	3	1309,411446	0,5052,114424
9	Polygon	6 A	Zonas de Reserva	Esquente	3	909,480241	0,3535,248519
10	Polygon	10 A	Zonas de Reserva	Esquente	3	1345,062695	0,518,333291
11	Polygon	11 A	Zonas de Reserva	Esquente	3	2872,744723	1,1282,61314
14	Polygon	14 A	Zonas de Reserva	Esquente	3	11987,254086	4,6489,675089
1	Polygon	1 B1	Zonas de Regulación Especial	Esquente	3	2792,662095	1,0742,2481
2	Polygon	2 B1	Zonas de Regulación Especial	Esquente	3	10028,477085	3,9019,276886
12	Polygon	12 B1	Zonas de Regulación Especial	Esquente	3	2045,652554	0,7906,039119
13	Polygon	13 B2	Zonas de Regulación Especial	Esquente	3	15743,669589	6,1347,629326
5	Polygon	5 B3	Zonas de Regulación Especial	Limtación	2	45982,782295	17,7120,63653
6	Polygon	6 B3	Zonas de Regulación Especial	Limtación	2	3212,008319	1,2357,744309
3	Polygon	3 C	Zonas de Regulación Común	Móveda	1	10968,407199	4,1937,395195
4	Polygon	4 C	Zonas de Regulación Común	Móveda	1	3419,917316	1,3129,140264

Where

How

Web page for downloads

REDIAM / IDEandalucia

Supplied Authorities Application: Official communication

Other : Google Earth, Visores WMS...



Formato Compatible

Shp, mdb, excel, CAD...

Texts

Representation



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Integration Process: information storage

The image displays a GIS interface with several components:

- Georeferencing:** A window titled 'Georeferencing' showing a layer selection dropdown set to 'Georeferencing'.
- Data Sources:** A central red circle labeled 'shp' is connected by arrows to four data sources: 'CAD', 'Excel', 'Texts', and 'Representation'.
- Table View:** A table showing spatial analysis criteria. A blue arrow points from the 'shp' file to this table.
- Layer List:** A list of layers on the left side of the interface, including 'Acuicultura_Zonas_Idoneas.gdb'.

At the bottom, text reads: 'Working Group on Site Selection and Carrying Capacity Workshop, SEVILLA, October 2010'.

Criterion	Value
Criterio Seguridad	1000 m.
Criterio Seguridad	500 m.
Criterio Seguridad	100 m.
Criterio Seguridad	50 m.
Criterio Seguridad	20 m.
Criterio Seguridad	10 m.
Criterio Seguridad	5 m.
Criterio Seguridad	2 m.
Criterio Seguridad	1 m.
Criterio Seguridad	0.5 m.
Criterio Seguridad	0.2 m.
Criterio Seguridad	0.1 m.
Criterio Seguridad	0.05 m.
Criterio Seguridad	0.02 m.
Criterio Seguridad	0.01 m.

Spatial analysis: Influence or proximity

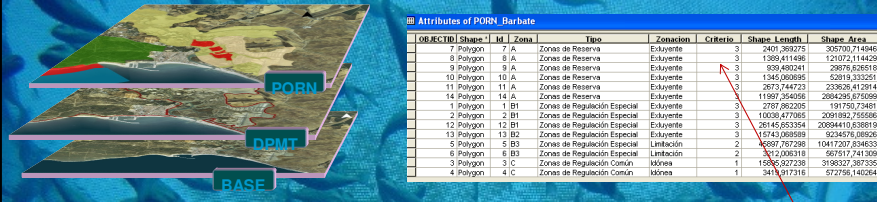
The image shows an ArcGIS interface performing a spatial analysis:

- Layers Panel:** Lists several layers, including 'AL_Medgaz_09' and 'CURVAS BATIMÉTRICAS'.
- Attributes Table:** A table titled 'Attributes of AL_Medgaz_09_Buffer' showing one record with a 'Buff' value of 1000.
- Map View:** A map showing a coastline with a red point and a purple buffer zone extending into the water.
- Tools Panel:** Shows spatial analysis tools like 'Spatial Statistics Tools' and 'Tracking Analyst Tools'.

At the bottom, text reads: 'Working Group on Site Selection and Carrying Capacity Workshop, SEVILLA, October 2010'.

FID	Shape	Buff	Group	Categoria	Criterio	Compositio
1	Polygon	1000	Conducciones Marinas	Gasoductos	3	Influencia

Spatial Analyst: Compatibility



OBJECTID	Shape	M	Zona	Tipo	Zonacion	Criterio	Shape_Length	Shape_Area
7	Polygon	7	A	Zonas de Reserva	Excluyente	3	2401.389275	39570.714846
8	Polygon	8	A	Zonas de Reserva	Excluyente	3	1.289411496	12.0272114428
9	Polygon	9	A	Zonas de Reserva	Excluyente	3	830.492041	29878.626516
10	Polygon	10	A	Zonas de Reserva	Excluyente	3	1.945.069895	62919.333251
11	Polygon	11	A	Zonas de Reserva	Excluyente	3	2873.744723	23338.412914
14	Polygon	14	A	Zonas de Reserva	Excluyente	3	11997.354056	268429.676099
1	Polygon	1	B1	Zonas de Regulación Especial	Excluyente	3	2787.862205	191750.2481
2	Polygon	2	B1	Zonas de Regulación Especial	Excluyente	3	10026.477565	209169.275586
12	Polygon	12	B1	Zonas de Regulación Especial	Excluyente	3	26145.653354	20694410.638819
13	Polygon	13	B2	Zonas de Regulación Especial	Excluyente	3	10743.09198	3234976.090261
5	Polygon	5	B3	Zonas de Regulación Especial	Limitación	2	8897.787298	10411207.834633
6	Polygon	6	B3	Zonas de Regulación Especial	Limitación	2	312.2386318	59757.741309
3	Polygon	3	C	Zonas de Regulación Común	Admisión	1	16286.927238	398827.287335
4	Polygon	4	C	Zonas de Regulación Común	Admisión	1	3419.917316	67276.140264

Merge

Combines input features from multiple input sources (of the same data type) into a single, new, output feature class. The input data sources may be point, line, or polygon feature classes or tables.

Merge Illustration

Clip

Extracts input features that overlay the clip features.

OUTPUT

Union

Computes a geometric intersection of the Input Features. All features will be written to the Output Feature Class with the attributes from the Input Features, which it overlaps

OUTPUT

Dissolve

Aggregates features based on specified attributes.

OUTPUT

- Apt: 1
- Limited: 2
- Excluded: 3
- Limited_Pred: 4
- Apt_Pred: 5

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Example of spatial analysis

FID	Shape	M	Criterio	Compatibil	Shape_Area
0	Polygon ZM	0	1	Apta	722311491.528
1	Polygon ZM	0	3	Excluyente	12533106274.47
2	Polygon ZM	0	4	Limite Pred	90231954.7399
3	Polygon ZM	0	2	Limite	5853160476.08
4	Polygon ZM	0	5	Apta Pred	64898.365216

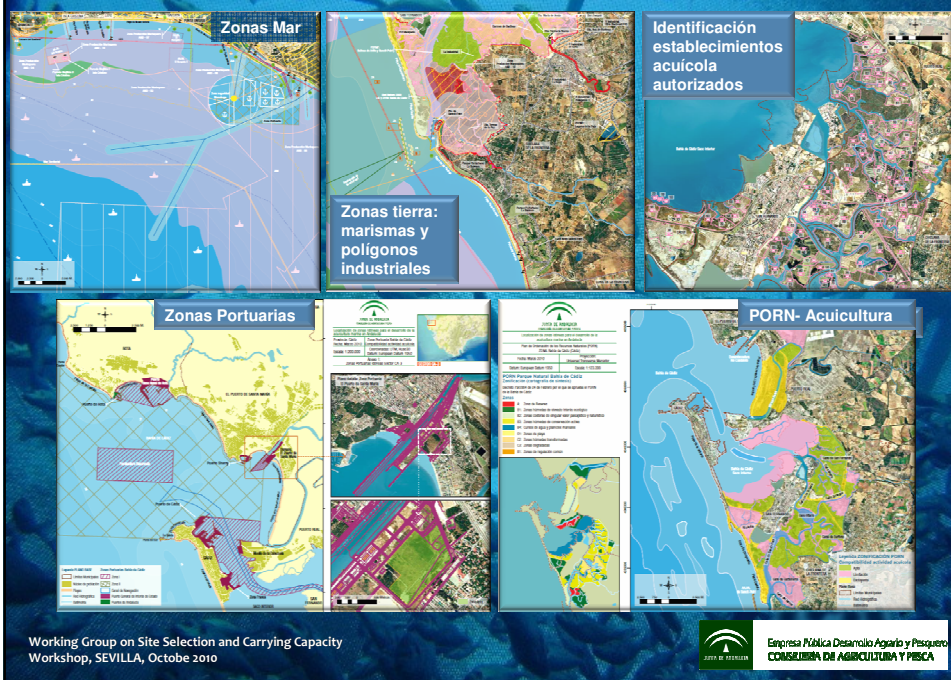
Record: 14 | 0 | Show: All Selected | Records (0 out of 5 Selected) | Options

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Results: examples



CONSIDERATIONS

- GIS** in the localisation of aquaculture zones is:
 - A tool for planning, managing and regulating the activity.
 - A mechanism for coordinating and controlling spatial information.
 - Aquaculture planning** → it is important and essential for the orderly development of the sector.
 - The **selection and management of suitable zones** → a good planning tool but it must be complemented with other sectoral actions (regulations, R&D&I, etc.).


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