

Appendix A.– Catchment areas

A list of catchment areas should be compiled for each country. As an example, the Portuguese and Spanish catchment areas together with their respective codes are presented below. Each site code is composed of ten characters: the first two refer to the ISO code of the country (Appendix C), followed by the catchment area code. The remaining digits are used to describe the sub-catchment areas.

Portugal		Spain	
PTMI	Minho	ES01	Norte
PTML	Entre Minho e Lima	ES02	Duero
PTLI	Lima	ES03	Tajo
PTLC	Entre Lima e Cávado	ES04	Guadiana
PTCV	Cávado	ES05	Guadalquivir
PTCA	Entre Cávado e Ave	ES06	Sur
PTAV	Ave	ES07	Júcar
PTAD	Entre Ave e Douro	ES08	Levante
PTDO	Douro	ES09	Ebro
PTDV	Entre Douro e Vouga	ES10	Pirineos Orientales
PTVO	Vouga		
PTVM	Entre Vouga e Mondego		
PTMO	Mondego		
PTMS	Entre Mondego e Lis		
PTLS	Lis		
PTLT	Entre Lis e Tejo		
PTTE	Tejo		
PTTS	Entre Tejo e Sado		
PTSA	Sado		
PTSM	Entre Sado e Mira		
PTMR	Mira		
PTBA	Barlavento		
PTAR	Arade		
PTSO	Sotavento		
PTGU	Guadiana		

Appendix B.– Emberger’s bioclimatic system

The adopted bioclimatic classification was proposed by Emberger, specifically designed for the Mediterranean region. The Emberger Index (Q) considers both the annual total precipitation, as well as the expression of the thermal regime (based on the average minimum and maximum temperatures), which directly measures the continental character of a particular area.

The Pluviometric quotient is given by the expression:

$$Q = \frac{1000.P}{\frac{M + m}{2} \cdot (M - m)}$$

Q – Pluviometric Quotient (ratio)

P – Annual precipitation (in mm)

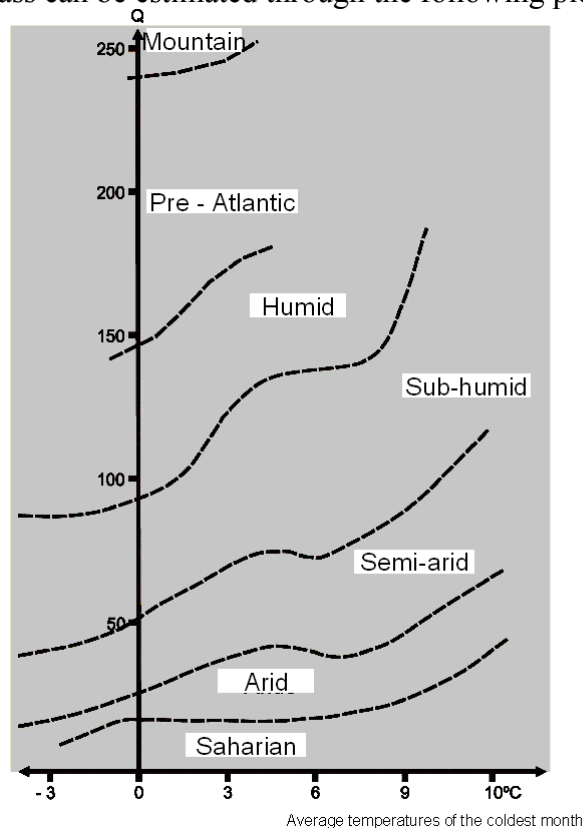
M – Maximum average temperatures of the hottest month (in K)

m – Minimum average temperatures of the coldest month (in K)

Seven bioclimatic classes are considered:

- 1 – Saharian
- 2 – Arid Mediterranean
- 3 – Semi-arid Mediterranean
- 4 – Sub-humid Mediterranean
- 5 – Humid Mediterranean
- 6 – Pre-Atlantic
- 7 – Mountain

The bioclimatic class can be estimated through the following plot.



Appendix C. – ISO Codes (for each country)

The country codes created by the International Standards Organisations are listed below. These codes are approved and used internationally:

Codes of the Mediterranean Countries:

Albania	AL
Algeria	DZ
Palestinian Authority	XX
Bosnia and Herzegovina	BA
Bulgaria	BG
Cyprus	CY
Croatia	HR
Egypt	EG
Slovenia	SI
Spain	ES
France	FR
Gibraltar	GI
Greece	GR
Israel	IL
Italy	IT
Jordan	JO
Lebanon	LB
Libya	LY
F.Y.R.O.M	MK
Malta	MT
Morocco	MA
Mauritania	MR
Monaco	MC
Portugal	PT
Serbia and Montenegro	YU
Syria	SY
Tunisia	TN
Turkey	TR

Appendix D. – Site and Complex code

A coding system which will enable correct reference to all identified wetlands is required during an inventory procedure (Hecker et al, 1996). The aim of this reference code is to identify all the wetland areas as spatially independent entities, simplifying data entry and analysis tasks in the datasheets and the database. The alphanumeric code consists of ten digits and should preferably be standardized and flexible (MedWet code number).

The MedWet code number (MWCN) is a unique ten-digit alphanumeric identifier assigned to each wetland site. Several coding options are given, using ten digits, always identifying each Mediterranean country through the first two digits, according to the ISO code:

Coding format: XXNNNNNNSS

XX (two digits) identifies each Mediterranean country using the corresponding ISO codes (see Appendix C).

Example:

PT----- the ISO code for Portugal.

NNNNNN – these six digits can be used as a unique number or divided in two parts:

Option A: used as a simple counter related to the order of the wetland designation within an area, region or country;

Example:

DZ000001-- : the site referred to as 000001 relates to the order of the wetland in the inventory for Algeria (DZ).

Option B: the first group of digits relates to a subdivision of the country such as:

- the reference number of a topographic map
- the UTM grid squares;
- the code of an administrative region
- catchment and sub-catchment area code (see Appendix A)

The second group of digits indicate a counter related to the order of the wetland within the first group referred.

Examples:

1- Reference number of a topographic map

PT 0455 01 --: site referenced to a topographic map code with four digits (1:25000 scale) + two digits for the counter in the Inventory for Portugal (PT).

PT 02 0001 --: site referenced to a topographic map code with two digits (1:25000 scale) + four digits for a counter in the inventory for Portugal (PT).

2- UTM grid squares

GR LV21 01 --: site referenced to the UTM grid squares with four digits (10x10 km) + two digits for the counter in the inventory for Greece (Gr).

3- Administrative regions (e.g. the NUTS code; Provinces)

IT 3204 01 --: site referenced to the NUTS code number 3204 (Milano) + two digits for the counter in the inventory for Italy (IT).

4 – Catchment area code

PT TJ 0001 -- : site referenced to the catchment area code (TJ) without a reference to a subcatchment + four digits for the counter in the inventory for Portugal (PT).

ES EB01 01 --: site referenced to the catchment area code (EB) with a reference to a sub-catchment (EB01) + two digits for the counter in the inventory for Spain (ES).

SS – these last two digits are “00”, except when recording each site within a complex separately. In this case the two-digits are related to the order of designation of each site within the complex.

Example:

1- Recording code for a simple wetland or a complex

ES 000001 00: Laguna Dulce and Laguna Amarga. The current wetland (000001.00) is part of the inventory for Spain (ES).

2 – Recording code of sites merged in a complex

ES 000001 01: Laguna Dulce (Spain). The current wetland (000001 01) is part of a larger wetland (000001 00) in the inventory for Spain (ES).

ES 000001 02: Laguna Amarga (Spain). The current wetland (000001 02) is merged into a larger wetland (000001 02) together with the wetland 000001 01 in the inventory for Spain (ES).

The complexity of the code in each country will depend on the objectives of the inventory. An inventory at national level will require a more complex code than at regional or local level. The MedWet method can even be used to survey one and only specific site. However, it is very important to take into consideration that, in the future, a local or regional inventory might be merged into a broader inventory. Thus, care must be taken when creating the code.

Reference table for the use of the coding system at national level

(1 – less appropriate; 2 – adequate; 3 – more appropriate).

	Inventory at national level
ISO code + counter + site number	1
ISO code + topographic map code + counter + site number	3
ISO code + UTM code + counter + site number	3
ISO code + NUTS code + counter + site number	2
ISO code + other administrative code + counter + site number	2
ISO code + catchment area code + counter + site number	2

Appendix E. – NUTS codes

The Statistical Office of the European Communities (Eurostat) has developed a standard hierarchical coding system for the regions of the European Union in view of accurate reference of statistical data: Nomenclature of Territorial Units for Statistical (NUTS).

The first two digits identify the country - ISO code (International standard Organizations). The next two digits refer to the hierarchical administrative regions. Examples:

GR ELLADA

- GR1 VOREIA ELLADA
 - GR11 Anatoliki Makedonia, Thraki
 - GR111 Evros
 - GR112 Xanthi
 - GR113 Rodopi
 - GR114 Drama
 - GR115 Kavala
 - GR12 Kentriki Makedonia
 - GR121 Imathia
 - GR122 Thessaloniki
 - GR123 Kilkis
 - GR124 Pella
 - GR125 Pieria
 - GR126 Serres
 - GR127 Chalkidiki
 - GR13 Dytiki Makedonia
 - GR131 Grevena
 - GR132 Kastoria
 - GR133 Kozani
 - GR134 Florina
 - GR14 Thessalia
 - GR141 Karditsa
 - GR142 Larisa
 - GR143 Magnisia
 - GR144 Trikala
 - GR2 KENTRIKI ELLADA
 - GR21 Ipeiros
 - GR211 Arta
 - GR212 Thesprotia
 - GR213 Ioannina
 - GR214 Preveza
 - GR22 Ionia Nisia
 - GR221 Zakynthos
 - GR222 Kerkyra
 - GR223 Kefallinia
 - GR224 Lefkada
 - GR23 Dytiki Ellada
 - GR231 Aitoloakarnania
 - GR232 Achaia
 - GR233 Ileia
 - GR24 Sterea Ellada
 - GR241 Voiotia
 - GR242 Evvoia
 - GR243 Evrytania
 - GR244 Fthiotida
 - GR245 Fokida
 - GR25 Peloponnisos
 - GR251 Argolida
 - GR252 Arkadia
 - GR253 Korinthia
 - GR254 Lakonia
 - GR255 Messinia
 - GR3 ATTIKI
 - GR30 Attiki
 - GR300 Attiki
 - GR4 NISIA AIGAIΟΥ, KRITI
 - GR41 Voreio Aigaio
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- GR411 Lesvos
 - GR412 Samos
 - GR413 Chios
 - GR42 Notio Aigaio
 - GR421 Dodekanisos
 - GR422 Kyklades
 - GR43 Kriti
 - GR431 Irakleio
 - GR432 Lasithi
 - GR433 Rethymni
 - GR434 Chania
- GRZ EXTRA-REGIO
 - GRZZ Extra-Regio
 - GRZZZ Extra-Regio

ES ESPAÑA

- ES1 NOROESTE
 - ES11 Galicia
 - ES111 A Coruña
 - ES112 Lugo
 - ES113 Ourense
 - ES114 Pontevedra
 - ES12 Principado de Asturias
 - ES120 Asturias
 - ES13 Cantabria
 - ES130 Cantabria
 - ES2 NORESTE
 - ES21 País Vasco
 - ES211 Álava
 - ES212 Guipúzcoa
 - ES213 Vizcaya
 - ES22 Comunidad Foral de Navarra
 - ES220 Navarra
 - ES23 La Rioja
 - ES230 La Rioja
 - ES24 Aragón
 - ES241 Huesca
 - ES242 Teruel
 - ES243 Zaragoza
 - ES3 COMUNIDAD DE MADRID
 - ES30 Comunidad de Madrid
 - ES300 Madrid
 - ES4 CENTRO (E)
 - ES41 Castilla y León
 - ES411 Ávila
 - ES412 Burgos
 - ES413 León
 - ES414 Palencia
 - ES415 Salamanca
 - ES416 Segovia
 - ES417 Soria
 - ES418 Valladolid
 - ES419 Zamora
 - ES42 Castilla-La Mancha
 - ES421 Albacete
 - ES422 Ciudad Real
 - ES423 Cuenca
 - ES424 Guadalajara
 - ES425 Toledo
 - ES43 Extremadura
 - ES431 Badajoz
 - ES432 Cáceres
 - ES5 ESTE
 - ES51 Cataluña
 - ES511 Barcelona
 - ES512 Girona
 - ES513 Lleida
 - ES514 Tarragona
 - ES52 Comunidad Valenciana
 - ES521 Alicante / Alacant
 - ES522 Castellón / Castelló
 - ES523 Valencia / València
 - ES53 Illes Balears
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- ES530 Illes Balears
- ES6 SUR
 - ES61 Andalucía
 - ES611 Almería
 - ES612 Cádiz
 - ES613 Córdoba
 - ES614 Granada
 - ES615 Huelva
 - ES616 Jaén
 - ES617 Málaga
 - ES618 Sevilla
 - ES62 Región de Murcia
 - ES620 Murcia
 - ES63 Ciudad Autónoma de Ceuta
 - ES630 Ceuta
 - ES64 Ciudad Autónoma de Melilla
 - ES640 Melilla
- ES7 CANARIAS
 - ES70 Canarias
 - ES701 Las Palmas
 - ES702 Santa Cruz de Tenerife
- ESZ EXTRA-REGIO
 - ESZZ Extra-Regio
 - ESZZZ Extra-Regio

FR FRANCE

- FR1 ÎLE DE FRANCE
 - FR10 Île de France
 - FR101 Paris
 - FR102 Seine-et-Marne
 - FR103 Yvelines
 - FR104 Essonne
 - FR105 Hauts-de-Seine
 - FR106 Seine-Saint-Denis
 - FR107 Val-de-Marne
 - FR108 Val-d'Oise
 - FR2 BASSIN PARISIEN
 - FR21 Champagne-Ardenne
 - FR211 Ardennes
 - FR212 Aube
 - FR213 Marne
 - FR214 Haute-Marne
 - FR22 Picardie
 - FR221 Aisne
 - FR222 Oise
 - FR223 Somme
 - FR23 Haute-Normandie
 - FR231 Eure
 - FR232 Seine-Maritime
 - FR24 Centre
 - FR241 Cher
 - FR242 Eure-et-Loir
 - FR243 Indre
 - FR244 Indre-et-Loire
 - FR245 Loir-et-Cher
 - FR246 Loiret
 - FR25 Basse-Normandie
 - FR251 Calvados
 - FR252 Manche
 - FR253 Orne
 - FR26 Bourgogne
 - FR261 Côte-d'Or
 - FR262 Nièvre
 - FR263 Saône-et-Loire
 - FR264 Yonne
 - FR3 NORD - PAS-DE-CALAIS
 - FR30 Nord - Pas-de-Calais
 - FR301 Nord
 - FR302 Pas-de-Calais
 - FR4 EST
 - FR41 Lorraine
 - FR411 Meurthe-et-Moselle
 - FR412 Meuse
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- FR413 Moselle
 - FR414 Vosges
 - FR42 Alsace
 - FR421 Bas-Rhin
 - FR422 Haut-Rhin
 - FR43 Franche-Comté
 - FR431 Doubs
 - FR432 Jura
 - FR433 Haute-Saône
 - FR434 Territoire de Belfort
 - FR5 OUEST
 - FR51 Pays de la Loire
 - FR511 Loire-Atlantique
 - FR512 Maine-et-Loire
 - FR513 Mayenne
 - FR514 Sarthe
 - FR515 Vendée
 - FR52 Bretagne
 - FR521 Côtes-d'Armor
 - FR522 Finistère
 - FR523 Ille-et-Vilaine
 - FR524 Morbihan
 - FR53 Poitou-Charentes
 - FR531 Charente
 - FR532 Charente-Maritime
 - FR533 Deux-Sèvres
 - FR534 Vienne
 - FR6 SUD-OUEST
 - FR61 Aquitaine
 - FR611 Dordogne
 - FR612 Gironde
 - FR613 Landes
 - FR614 Lot-et-Garonne
 - FR615 Pyrénées-Atlantiques
 - FR62 Midi-Pyrénées
 - FR621 Ariège
 - FR622 Aveyron
 - FR623 Haute-Garonne
 - FR624 Gers
 - FR625 Lot
 - FR626 Hautes-Pyrénées
 - FR627 Tarn
 - FR628 Tarn-et-Garonne
 - FR63 Limousin
 - FR631 Corrèze
 - FR632 Creuse
 - FR633 Haute-Vienne
 - FR7 CENTRE-EST
 - FR71 Rhône-Alpes
 - FR711 Ain
 - FR712 Ardèche
 - FR713 Drôme
 - FR714 Isère
 - FR715 Loire
 - FR716 Rhône
 - FR717 Savoie
 - FR718 Haute-Savoie
 - FR72 Auvergne
 - FR721 Allier
 - FR722 Cantal
 - FR723 Haute-Loire
 - FR724 Puy-de-Dôme
 - FR8 MÉDITERRANÉE
 - FR81 Languedoc-Roussillon
 - FR811 Aude
 - FR812 Gard
 - FR813 Hérault
 - FR814 Lozère
 - FR815 Pyrénées-Orientales
 - FR82 Provence-Alpes-Côte d'Azur
 - FR821 Alpes-de-Haute-Provence
 - FR822 Hautes-Alpes
 - FR823 Alpes-Maritimes
 - FR824 Bouches-du-Rhône
 - FR825 Var
-

- FR826 Vaucluse
 - FR83 Corse
 - FR831 Corse-du-Sud
 - FR832 Haute-Corse
- FR9 DÉPARTEMENTS D'OUTRE-MER
 - FR91 Guadeloupe
 - FR910 Guadeloupe
 - FR92 Martinique
 - FR920 Martinique
 - FR93 Guyane
 - FR930 Guyane
 - FR94 Réunion
 - FR940 Réunion
- FRZ EXTRA-REGIO
 - FRZZ Extra-Regio
 - FRZZZ Extra-Regio

IT ITALIA

- ITC NORD-OVEST
 - ITC1 Piemonte
 - ITC11 Torino
 - ITC12 Vercelli
 - ITC13 Biella
 - ITC14 Verbano-Cusio-Ossola
 - ITC15 Novara
 - ITC16 Cuneo
 - ITC17 Asti
 - ITC18 Alessandria
 - ITC2 Valle d'Aosta/Vallée d'Aoste
 - ITC20 Valle d'Aosta/Vallée d'Aoste
 - ITC3 Liguria
 - ITC31 Imperia
 - ITC32 Savona
 - ITC33 Genova
 - ITC34 La Spezia
 - ITC4 Lombardia
 - ITC41 Varese
 - ITC42 Como
 - ITC43 Lecco
 - ITC44 Sondrio
 - ITC45 Milano
 - ITC46 Bergamo
 - ITC47 Brescia
 - ITC48 Pavia
 - ITC49 Lodi
 - ITC4A Cremona
 - ITC4B Mantova
 - ITD NORD-EST
 - ITD1 Provincia Autonoma Bolzano/Bozen
 - ITD10 Bolzano-Bozen
 - ITD2 Provincia Autonoma Trento
 - ITD20 Trento
 - ITD3 Veneto
 - ITD31 Verona
 - ITD32 Vicenza
 - ITD33 Belluno
 - ITD34 Treviso
 - ITD35 Venezia
 - ITD36 Padova
 - ITD37 Rovigo
 - ITD4 Friuli-Venezia Giulia
 - ITD41 Pordenone
 - ITD42 Udine
 - ITD43 Gorizia
 - ITD44 Trieste
 - ITD5 Emilia-Romagna
 - ITD51 Piacenza
 - ITD52 Parma
 - ITD53 Reggio nell'Emilia
 - ITD54 Modena
 - ITD55 Bologna
 - ITD56 Ferrara
 - ITD57 Ravenna
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- ITD58 Forli-Cesena
 - ITD59 Rimini
- ITE CENTRO (I)
 - ITE1 Toscana
 - ITE11 Massa-Carrara
 - ITE12 Lucca
 - ITE13 Pistoia
 - ITE14 Firenze
 - ITE15 Prato
 - ITE16 Livorno
 - ITE17 Pisa
 - ITE18 Arezzo
 - ITE19 Siena
 - ITE1A Grosseto
 - ITE2 Umbria
 - ITE21 Perugia
 - ITE22 Terni
 - ITE3 Marche
 - ITE31 Pesaro e Urbino
 - ITE32 Ancona
 - ITE33 Macerata
 - ITE34 Ascoli Piceno
 - ITE4 Lazio
 - ITE41 Viterbo
 - ITE42 Rieti
 - ITE43 Roma
 - ITE44 Latina
 - ITE45 Frosinone
- ITF SUD
 - ITF1 Abruzzo
 - ITF11 L'Aquila
 - ITF12 Teramo
 - ITF13 Pescara
 - ITF14 Chieti
 - ITF2 Molise
 - ITF21 Isernia
 - ITF22 Campobasso
 - ITF3 Campania
 - ITF31 Caserta
 - ITF32 Benevento
 - ITF33 Napoli
 - ITF34 Avellino
 - ITF35 Salerno
 - ITF4 Puglia
 - ITF41 Foggia
 - ITF42 Bari
 - ITF43 Taranto
 - ITF44 Brindisi
 - ITF45 Lecce
 - ITF5 Basilicata
 - ITF51 Potenza
 - ITF52 Matera
 - ITF6 Calabria
 - ITF61 Cosenza
 - ITF62 Crotona
 - ITF63 Catanzaro
 - ITF64 Vibo Valentia
 - ITF65 Reggio di Calabria
- ITG ISOLE
 - ITG1 Sicilia
 - ITG11 Trapani
 - ITG12 Palermo
 - ITG13 Messina
 - ITG14 Agrigento
 - ITG15 Caltanissetta
 - ITG16 Enna
 - ITG17 Catania
 - ITG18 Ragusa
 - ITG19 Siracusa
 - ITG2 Sardegna
 - ITG21 Sassari
 - ITG22 Nuoro
 - ITG23 Oristano
 - ITG24 Cagliari
- ITZ EXTRA-REGIO

- ITZZ Extra-Regio
 - ITZZZ Extra-Regio

PT PORTUGAL

- PT1 CONTINENTE
 - PT11 Norte
 - PT111 Minho-Lima
 - PT112 Cávado
 - PT113 Ave
 - PT114 Grande Porto
 - PT115 Tâmega
 - PT116 Entre Douro e Vouga
 - PT117 Douro
 - PT118 Alto Trás-os-Montes
 - PT15 Algarve
 - PT150 Algarve
 - PT16 Centro (P)
 - PT161 Baixo Vouga
 - PT162 Baixo Mondego
 - PT163 Pinhal Litoral
 - PT164 Pinhal Interior Norte
 - PT165 Dão-Lafões
 - PT166 Pinhal Interior Sul
 - PT167 Serra da Estrela
 - PT168 Beira Interior Norte
 - PT169 Beira Interior Sul
 - PT16A Cova da Beira
 - PT16B Oeste
 - PT16C Médio Tejo
 - PT17 Lisboa
 - PT171 Grande Lisboa
 - PT172 Península de Setúbal
 - PT18 Alentejo
 - PT181 Alentejo Litoral
 - PT182 Alto Alentejo
 - PT183 Alentejo Central
 - PT184 Baixo Alentejo
 - PT185 Lezíria do Tejo
 - PT2 Região Autónoma dos AÇORES
 - PT20 Região Autónoma dos Açores
 - PT200 Região Autónoma dos Açores
 - PT3 Região Autónoma da MADEIRA
 - PT30 Região Autónoma da Madeira
 - PT300 Região Autónoma da Madeira
 - PTZ EXTRA-REGIO
 - PTZZ Extra-Regio
 - PTZZZ Extra-Regio
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Appendix F. – National wetland types

Each country ought to have a list of wetland types existing in its territory.

Main wetland types identified in Portugal:

PT0100 Littoral

- PT0101 Rocky shore
- PT0102 Sand or gravel shore

PT0200 Littoral lagoon systems

- PT0201 Lagoon (salt or fresh water)
- PT0202 Coastal lagoon (freshwater)
- PT0203 Ria
- PT0204 Delta

PT0300 Estuary

- PT0301 Estuarine waters
- PT0302 Mud or sand banks or saltmarshes
- PT0303 Mud or sand banks and/or saltmarshes and artificial structures

PT0400 Natural water channel

- PT0401 River
- PT0402 Stream
- PT0403 Creek

PT0500 Lentic wetland

- PT0501 Plain lagoon
- PT0502 Mountain lagoon
- PT0503 Pond

PT0600 Flooded land

- PT0601 Marsh
- PT0602 Wetland pasture
- PT0603 Mountain peatland
- PT0604 Plain peatland

PT0700 Freshwater spring

PT0800 Geothermal wetland

PT0900 Karst and other subterranean systems

PT1000 Artificial wetland

- PT1001 Salt exploitation site (salt pan)
 - PT1002 Aquaculture
 - PT1003 Rice field
 - PT1004 Tank
 - PT1005 Excavation
 - PT1006 Waste water treatment plant
 - PT1007 Dam
 - PT1008 Pond
 - PT1009 Channel
-

Appendix G. – Ramsar Wetland Types

The Ramsar Classification System for “Wetland types” was approved at the Fourth Conference of the Contracting Parties of the Ramsar Convention, in Montreux, 1990. The actual wetland types and correspondent codes presented here are those currently used in the Ramsar Database. Although these have slightly evolved, the original classification continues to be valid. The Ramsar wetland types intend to provide a very broad framework, thereby promoting an immediate identification of the main wetland habitats present in each site.

Marine/Coastal Wetlands

- A - **Permanent shallow marine waters**, in most cases presenting less than six metres deep at low tide; includes sea bays and straits.
- B - **Marine subtidal aquatic beds**; includes kelp beds, sea-grass beds, and tropical marine meadows.
- C - **Coral reefs**.
- D - **Rocky marine shores**; includes rocky offshore islands, sea cliffs.
- E - **Sand, shingle or pebble shores**; includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks.
- F - **Estuarine waters**; permanent water of estuaries and estuarine systems of deltas.
- G - **Intertidal mud, sand or salt flats**.
- H - **Intertidal marshes**; includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes.
- I - **Intertidal forested wetlands**; includes mangrove swamps, nipah swamps and tidal freshwater swamp forests.
- J - **Coastal brackish/saline lagoons**; brackish to saline lagoons with at least one relatively narrow connection to the sea.
- K - **Coastal freshwater lagoons**; includes freshwater delta lagoons.
- Zk(a) – **Karst and other subterranean hydrological systems**, marine/coastal

Inland Wetlands

- L - **Permanent inland deltas**.
 - M - **Permanent rivers/streams/creeks**; includes waterfalls.
 - N - **Seasonal/intermittent/irregular rivers/streams/creeks**.
 - O - **Permanent freshwater lakes** (over 8 ha); includes large oxbow lakes.
 - P - **Seasonal/intermittent freshwater lakes** (over 8 ha); includes floodplain lakes.
 - Q - **Permanent saline/brackish/alkaline lakes**.
 - R - **Seasonal/intermittent saline/brackish/alkaline lakes and flats**.
 - Sp - **Permanent saline/brackish/alkaline marshes/pools**.
 - Ss - **Seasonal/intermittent saline/brackish/alkaline marshes/pools**.
 - Tp - **Permanent freshwater marshes/pools**; ponds (below 8 ha), marshes and swamps on inorganic soils; with emergent vegetation water-logged for at least most of the growing season.
 - Ts - **Seasonal/intermittent freshwater marshes/pools on inorganic soils**; includes sloughs, potholes, seasonally flooded meadows, sedge marshes.
 - U - **Non-forested peatlands**; includes shrub or open bogs, swamps, fens.
 - Va - **Alpine wetlands**; includes alpine meadows, temporary waters from snowmelt.
 - Vt - **Tundra wetlands**; includes tundra pools, temporary waters from snowmelt.
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W - **Shrub-dominated wetlands**; shrub swamps, shrub-dominated freshwater marshes, shrub carr, alder thicket on inorganic soils.

Xf - **Freshwater, tree-dominated wetlands**; includes freshwater swamp forests, seasonally flooded forests, wooded swamps on inorganic soils.

Xp - **Forested peatlands**; peatswamp forests.

Y - **Freshwater springs; oases.**

Zg - **Geothermal wetlands**

Zk(b) – **Karst and other subterranean hydrological systems, inland**

Note: “**floodplain**” is a broad term used to refer to one or more wetland types, which may include examples from the R, Ss, Ts, W, Xf, Xp, or other wetland types. Some examples of floodplain wetlands are seasonally inundated grassland (including natural wet meadows), shrublands, woodlands and forests. Floodplain wetlands are not listed as a specific wetland type herein.

Human-made wetlands

1 - **Aquaculture** (e.g., fish/shrimp) **ponds**

2 - **Ponds**; includes farm ponds, stock ponds, small tanks; (generally below 8 ha).

3 - **Irrigated land**; includes irrigation channels and rice fields.

4 - **Seasonally flooded agricultural land** (including intensively managed or grazed wet meadow or pasture).

5 - **Salt exploitation sites**; salt pans, salinas, etc.

6 - **Water storage areas**; reservoirs/barrages/dams/impoundments (generally over 8 ha).

7 - **Excavations**; gravel/brick/clay pits; borrow pits, mining pools.

8 - **Wastewater treatment areas**; sewage farms, settling ponds, oxidation basins, etc.

9 - **Canals and drainage channels, ditches.**

Zk(c) – **Karst and other subterranean hydrological systems, man-made**

Tabulations of Wetland Type characteristics

Marine / Coastal Wetlands:

Saline water	Permanent	< 6 m deep	A
		Underwater vegetation	B
		Coral reefs	C
	Shores	Rocky	D
		Sand, shingle or pebble	E
Saline or brackish water	Intertidal	Flats (mud, sand or salt)	G
		Marshes	H
		Forested	I
	Lagoons	J	
	Estuarine waters	F	
Saline, brackish or fresh water	Subterranean	Zk(a)	
Fresh water	Lagoons	K	

Inland Wetlands:

Fresh water	Flowing water	Permanent	Rivers, streams, creeks	M
			Deltas	L
			Springs, oases	Y
		Seasonal/intermittent	Rivers, streams, creeks	N
		Lakes and pools	Permanent	> 8 ha
	< 8 ha			Tp
	Seasonal/intermittent		> 8 ha	P
			< 8 ha	Ts
	Marshes on inorganic soils	Permanent	Herb-dominated	Tp
		Permanent/ Seasonal/intermittent	Shrub-dominated	W
			Tree-dominated	Xf
		Seasonal/intermittent	Herb-dominated	Ts
	Marshes on peat soils	Permanent	Non-forested	U
			Forested	Xp
Marshes on inorganic or peat soils	High altitude (alpine)		Va	
	Tundra		Vt	
Saline, brackish or alkaline water	Lakes	Permanent	Q	
		Seasonal/intermittent	R	
	Marshes & pools	Permanent	Sp	
		Seasonal/intermittent	Ss	
Fresh, saline, brackish or alkaline water	Geothermal		Zg	
	Subterranean		Zk(b)	

Appendix H. – Conservation status

The following list includes the symbolisation used to indicate the legally defined protection and management status for the protected areas in each country, at a national and international level. The Natura 2000 coding system presented here will be used in the European Union countries. Non-EU countries should use the existing lists or develop new lists similar to the ones below. The international list is the same for all countries around the Mediterranean.

GREECE

GR01	Core Strict Nature Reserve in National Park
GR02	Absolute Nature Reserve
GR03	Natural Monument & Landmarks (as strict nature reserve)
GR04	Aesthetic Forest
GR05	Absolute Nature Reserve Zone in Nature (Woodland) Park
GR06	Absolute Marine Reserve Zone in Marine Park
GR07	Absolute Nature Reserve in Ecodevelopment Area
GR08	Nature Reserve
GR09	Nature Reserve Zone in Nature (Woodland) Park
GR10	Marine Reserve Zone in Marine Park
GR11	Nature Reserve Zone in Ecodevelopment Area
GR12	Peripheral Zone of National Park
GR21	Game Breeding Station
GR22	Game Refuge
GR23	Controlled Hunting Area
GR24	Protected Forest
GR25	Nature (Woodland) Park - Multiple Use Management Zone
GR26	Marine Park - Multiple Use Management Zone
GR27	Ecodevel. Area, Multiple Use Manag. Zone/Managed Resource Area
GR31	Land Owned by an NGO for Nature Conservation

SPAIN

ES01	Reserva Biológica Nacional
ES02	Reserva Integral
ES03	Reserva Marina
ES04	Reserva Natural
ES05	Reserva Natural de Fauna Salvaje
ES06	Reserva Natural Parcial
ES07	Reserva Integral Natural
ES08	Parque Nacional
ES09	Parque Nacional (Red Estatal)
ES10	Parque Natural
ES11	Parque Regional
ES12	Parque
ES13	Paraje Natural
ES14	Paraje Natural de Interés Nacional
ES15	Paraje Natural de la Comunidad Valenciana

ES16	Sitio Natural de Interés Nacional
ES17	Area Natural de Especial Interés
ES18	Enclave Natural
ES19	Monumento Natural
ES20	Monumento Natural de Interés Nacional
ES21	Paisaje Protegido
ES31	Reserva Privada

FRANCE

FR01	Parc National (Zone Centrale)
FR02	Parc National (Réserve Intégrale)
FR03	Réserve Naturelle (par décret)
FR04	Réserve Naturelle Volontaire
FR05	Arrêté Préfectoral de Protection de Biotope
FR06	Réserve Biologique Domaniale Integrale
FR07	Réserve Biologique Domaniale Dirigée
FR08	Réserve Biologique Forestière
FR11	Fôret de Protection
FR12	Site/Monument Inscrit
FR13	Site/Monument Classé
FR14	Site Acquis par le Conserv. de l'Espace Litt. et des Rivages
FR15	Parc Naturel Regional
FR16	Parc National (Zone Périphérique)
FR17	Réserve Nationale de Chasse
FR18	Réserve de Chasse du Domaine Public Maritime
FR19	Réserve de Chasse du Domaine Public Fluvial
FR20	Réserve de Chasse Approuvée
FR21	Réserve de Pêche du Domaine Public Fluvial
FR22	Réserve Conventionnelle
FR23	Fôret Domaniale
FR24	Fôret Communale Bénéficiant du Régime Forestier
FR31	Site Acquis par un Conservatoire des Sites
FR32	Site Acquis par le Departement
FR33	Reserve Libre (à caractère privé)

ITALY

IT01	Parco Nazionale
IT02	Riserva Naturale Statale
IT03	Parco Naturale Interregionale
IT04	Parco Naturale Regionale
IT05	Riserva Naturale Regionale
IT06	Monumenti Naturali
IT07	Oasi di Protezione della Fauna
IT11	Bellezze Naturali
IT12	Aree di Verde Urbano
IT13	Vincoli Idrogeologici

IT14	Aree di Protezione di Sorgenti d'Acqua
IT21	Oasi di Protezione Costituite da Soggetti Privati
IT22	Fondi Chiusi

PORTUGAL

PT01	Reserva Integral
PT02	Refúgio Ornitológico
PT03	Reserva Botânica
PT04	Reserva Zoológica
PT05	Area Ornitológica a Recuperar
PT06	Parque Nacional
PT07	Reserva Natural
PT08	Parque Natural
PT09	Monumento Natural
PT10	Sítio Classificado
PT11	Paisagem Protegida
PT12	Reserva Parcial
PT21	Reserva Ecológica Nacional
PT22	Domínio Público Hídrico
PT23	Reserva Agrícola Nacional
PT24	Mata Nacional
PT25	Reserva Florestal Natural Integral
PT26	Reserva Florestal Natural Parcial
PT27	Reserva Florestal de Recreio
PT28	Zona de Caça Proibida
PT29	Reserva de Caça
PT30	Zona de Caça Nacional
PT31	Zona de Pesca Proibida
PT32	Zona de Pesca Reservada
PT33	Zona de Defesa e Controlo Urbano
PT34	Zona de Caça Associativa
PT35	Domínio Público Marítimo
PT36	Zona de Concessao de Pesca
PT37	Zona de Caça Social
PT38	Zona de Caça Turística
PT41	Sítio de Interesse Biológico

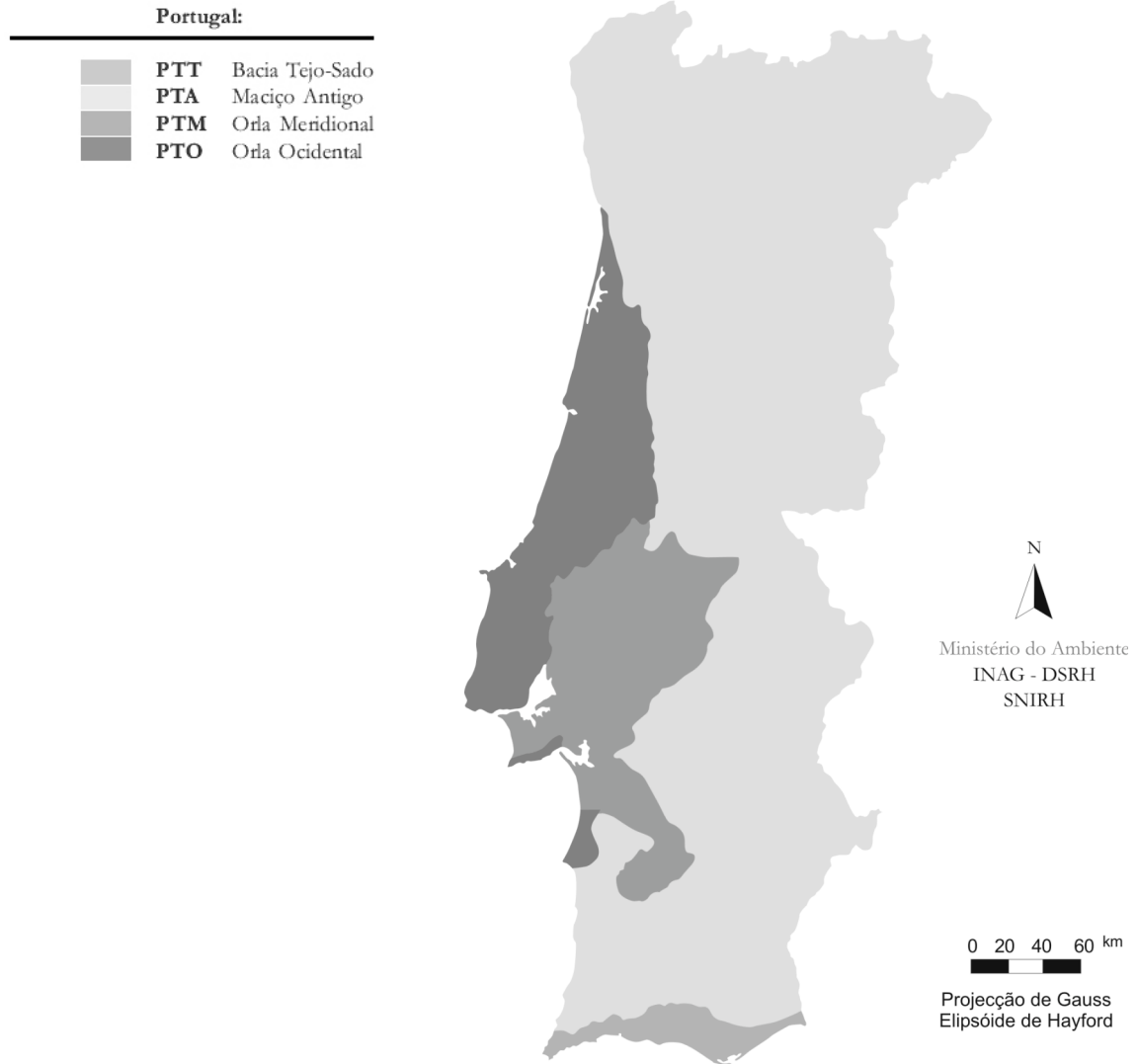
INTERNATIONAL LEVEL

INB1	Barcelona Convention site (Mediterranean SPA)
INC1	Special Area for Conservation (EU Habitats Directive)
IND1	Special Protection Area (EU Birds Directive)
INE1	Council of Europe Diploma site
INF1	UNESCO Biosphere Reserve
ING1	Council of Europe Biogenetic Reserve
INH1	UNESCO World Heritage site
INO1	Other international designation
INR1	Ramsar Convention site

Appendix I. - Hydrogeologic units

Each country must develop a list of its national hydrogeological units.

Example: Portugal's hydrogeological units.



Appendix J. – Aquifers system

Each country must develop a list of its national aquifers systems.

Example: Portugal's aquifers system

	code	Aquifers system
Tejo- Sado	PTT1	Formações quaternárias (materiais arenosos, aluviões e
	PTT2	terraços) Formações terciárias fundamentalmente calcários, arenitos, siltitos, argilitos e margas
Maciço Antigo	PTA1	Rochas cristalinas magmáticas e metamórficas cobertas, por vezes, rochas sedimentares
Orla mesoceno­zóica Meridional	PTM1	Formações plio-quaternárias (areias, cascalheiras, areias de duna, etc.)
	PTM2	Formações miocénicas de fácies marinha
	PTM3	Formações detríticas e carbonatadas cretácias
	PTM4	Formações calcárias e dolomíticas do grupo superior, médio e inferior.
Orla mesoceno­zóica Ocidental	PT01	Formações detríticas terciárias e quaternárias (areias, areias de duna, terraços, aluviões, etc.)
	PT02	Arenitos e calcários cretácitos
	PT03	Calcários do jurássico superior
	PT04	Calcários do jurássico médio
	PT05	Calcários do jurássico inferior

Appendix K. – MedWet habitats description system

(MedWet habitat code)

Codes used in the description system

The Habitat Description System was developed to describe Mediterranean wetland habitats and to facilitate registration and mapping of these habitats. The system originates from the USA wetland inventory system (Cowardin, 1979). It was adapted by Farinha et al. (1996) and reviewed in 2004 for the MS / SUDOE project (Farinha et al., 2004). It consists of a hierarchical system, structured upon a combination of ecological, biological, hydrological and substrate characteristics, and may be used across the Mediterranean region. The description code of each habitat includes the appropriate series of letters representing the System, Subsystem, Class, Subclass, Water Regime, Salinity, Artificial Modifier and Dominance Type, followed by three characters which depict the counter. The counter allows discrimination between two different patches with the same habitat description, as these two patches may involve different information relating to activities, flora and fauna.

Systems and Subsystems

M Marine	P Permanently submerged I Intertidal
E Estuarine	P Permanently submerged I Intertidal
R Riverine	Z Ephemeral S Underground X Upper non-perennial V Lower non-perennial U Upper perennial W Lower perennial T Tidal
L Lacustrine	M Limnetic L Littoral S Underground
P Palustrine	D Slope E Pan B Basin P Floodplain L Flat M Fringe

Classes and Subclasses

O Rocky/ unconsolidated substrate	R Rock C Cobbles-Gravel S Sand M Mud O Organic A Salt crust K Unknown substrate*
S Bare soil	M Mud S Sand C Cobbles-Gravel R Rock O Organic

	A Salt crust V Vegetated pioneer
A Aquatic bed	A Algal M Aquatic moss F Floating vascular L Floating-leaved R Rooted vascular Z Unknown submerged X Unknown surface*
R Reef	C Coral M Mollusk W Worm
M Moss-Lichen	M Moss L Lichen
E Emergent	P Persistent N Non-persistent
U Scrub-Shrub	D Deciduous E Evergreen A Dead
F Forested	D Deciduous E Evergreen A Dead

* Not included in the MedWet habitat description system. Created for mapping purposes.

Water Regime

(Marine System)	P Permanently flooded S Subtidal A Irregularly exposed R Regularly flooded G Irregularly flooded D Saturated-tidal
(Estuarine System)	P Permanently flooded S Subtidal A Irregularly exposed R Regularly flooded G Irregularly flooded L Semi-permanently flooded T Temporarily flooded U Saturated D Saturated-tidal
(Riverine System)	P Permanently flooded R Regularly flooded F Permanently flooded-tidal Y Semi-permanently flooded-tidal E Seasonally flooded-tidal M Temporally flooded-tidal L Semi-permanently flooded S Seasonally flooded I Intermittently flooded
(Lacustrine System)	P Permanently flooded U Saturated L Semi-permanently flooded S Seasonally flooded T Temporarily flooded I Intermittently flooded

(Palustrine System)

- P Permanently flooded
- R Regularly flooded
- U Saturated
- F Permanently flooded-tidal
- Y Semi-permanently flooded-tidal
- E Seasonally flooded-tidal
- M Temporarily flooded-tidal
- S Seasonally flooded
- L Semi-permanently flooded
- T Temporarily flooded
- I Intermittently flooded

(Palustrine, Lacustrine and Riverine Systems)

- X Artificially flooded

Water Salinity

Coastal Hability

- F Fresh
- O Oligahaline
- M Mesohaline
- P Polyhaline
- B Mixohaline
- S Euhaline
- H Hyperhaline

Inland salinity

- F Fresh
- X Mixohaline
- E Euhaline
- Y Hypersaline

Artificial Modifiers

- F Farmed
- A Artificially substrate
- S Spoil
- E Excavated
- D Diked/ Impounded
- P Partially Drained/Ditched
- B Farmed – Diked/Impounded
- C Artificial – Excavated
- G Artificial – Diked/Impounded
- H Artificial – Excavated – Diked/Impounded
- J Soil- Excavated
- L Soil- Diked/Impounded
- M Soil- Excavated- Diked/Impounded
- N Excavated – Diked/Impounded



Example: “Lagoa da Estacada”. This lagoon is formed upstream of a dam built across the Apostiça stream.

Code: PBEPFFD/P-- (Palustrine, Basin, Emergent vegetation, Persistent, Permanently flooded, Fresh, Diked, / Dominance type: *Phragmites australis* (the counters were not used))

Appendix L. – Habitats Community Importance (Habitats Directive Annex I / Natura 2000 habitat types)

The following table covers the habitat types listed under Annex I of the Habitats Directive (Natura 2000 Network), including wetlands that can be found in the Mediterranean region. The codes presented here (and requested for the datasheet) correspond to the Natura 2000 codes. “P” indicates the priority habitats of the Directive.

1110	Sandbanks which are slightly covered by sea water all the time
1120 P	Posidonia beds
1130	Estuaries
1140	Mudflats and sandflats not covered by seawater at low tide
1150 P	Lagoons
1160	Large shallow inlets and bays
1170	Reefs
1180	Marine 'columns' in shallow water made by leaking gases
1210	Annual vegetation of drift lines
1220	Perennial vegetation of stony banks
1230	Vegetated sea cliffs of the Atlantic and Baltic coasts
1240	Vegetated sea cliffs of the Mediterranean coasts (with endemic <i>Limonium</i> spp.)
1310	Salicornia and other annuals colonizing mud and sand
1320	Spartina swards (Spartinion)
1330	Atlantic salt meadows (Glauco-Puccinellietalia)
1340 P	Continental salt meadows (Puccinellietalia distantis)
1410	Mediterranean salt meadows (Juncetalia maritimi)
1510 P	Salt steppes (Limonietalia)
2190	Humid dune slacks
2191	Dune-slack pools
2192	Dune-slack pioneer swards
2193	Dune-slack fens
2194	Dune-slack grasslands
2195	Dune-slack reedbeds and sedgebeds
3110	Oligotrophic waters containing very few minerals of Atlantic sandy plains with amphibious vegetation: Lobelia, Littorelia and Isoetes
3120	Oligotrophic waters containing very few minerals of West Mediterranean sandy plains with Isoetes
3130	Oligotrophic waters in medio-European and perialpine area with amphibious vegetation: Littorelia or Isoetes or annual vegetation on exposed banks (Nanocyperetalia)
3131	Oligotrophic waters in medio-European and perialpine area with amphibious vegetation: Littorelia or Isoetes
3132	Oligotrophic waters in medio-European and perialpine area with amphibious vegetation: annual vegetation on exposed banks (Nanocyperetalia)
3140	Hard oligo-mesotrophic waters with benthic vegetation of chara formations
3150	Natural eutrophic lakes with Magnopotamion or Hydrocharition-type vegetation
3160	Dystrophic lakes
3170P	Mediterranean temporary ponds

- 3220 Alpine rivers and the herbaceous vegetation along their banks
- 3221 Subalpine willowherb stream community
- 3222 Alpine gravel bed community
- 3230 Alpine rivers and their ligneous vegetation with *Myricaria germanica*
- 3240 Alpine rivers and their ligneous vegetation with *Salix elaeagnos*
- 3250 Constantly flowing Mediterranean rivers with *Glaucium flavum*
- 3260 Floating vegetation of *Ranunculus* of plane, submountainous rivers
- 3270 Pioneer annual vegetation on muds (*Chenopodietum rubri*) of submountainous rivers
- 3280 Constantly flowing Mediterranean rivers: Paspalo-Agrostidion and hanging curtains of *Salix* and *Populus alba*
- 3290 Intermittently flowing Mediterranean rivers
- 4020 P Southern Atlantic wet heaths with *Erica ciliaris* and *Erica tetralix*
- 5140 P *Cistus palhinhae* formations on maritime wet heaths (*Junipero-Cistetum palhinhae*)
- 6410 *Molinia* meadows on chalk and clay (Eu-Molinion)
- 6431 Humid tall herb fringes of watercourses and woodlands
- 6440 *Cnidion venosae* meadows liable to flooding
- 7110 Active raised bogs
- 7120 Degraded raised bogs (still capable of natural regeneration)
- 7140 Transition mires and quaking bogs
- 7150 Depressions on peat substrates (Rhynchosporion)
- 7210 P Calcareous fens with *Cladium mariscus* and *Carex davalliana*
- 7220 P Petrifying springs with tuufa formayion (Cratoneurion)
- 7230 Alkaline fens
- 8310 Caves not open to the public
- 8330 Submerged or partly submerged sea caves
- 91D0 P Bog woodland
- 91D1 P Sphagnum birch woods
- 91D2 P Scots pine bog woods
- 91D3 P Mountain pine bog woods
- 91D4 P Sphagnum spruce woods
- 91E0 P Residual alluvial forests (*Alnion glutinoso-incanae*)
- 91F0 Mixed oak-elm-ash forests of great rivers
- 92A0 *Salix alba* and *Populus alba* galleries
- 92B0 Riparian formations on intermittent Mediterranean water courses with *Rhododendron ponticum*, *Salix* and others
- 92D0 Thermo-Mediterranean riparian galleries (*Nerio-Tamariceteae*) and south-west Iberian Peninsula riparian galleries (*Securinegion tinctoriae*)
-

Appendix M. – Corine Landcover classification system

The CORINE LandCover classification system should be used for the terrestrial areas surrounding the wetland.

- 1 Artificial areas**
 - 11 Urban fabric**
 - 1110 Continuous urban fabric
 - 1120 Discontinuous urban fabric
 - 12 Industrial, commercial and transport units**
 - 1210 Industrial or commercial units
 - 1220 Road and rail networks and associated land
 - 1230 Port areas
 - 1240 Airports
 - 13 Mine, dump and construction sites**
 - 1310 Mineral extraction sites
 - 1320 Dump sites
 - 1330 Construction sites
 - 14 Artificial non-agricultural vegetated areas**
 - 1410 Green urban areas
 - 1420 Sport and leisure facilities

 - 2 Agricultural areas**
 - 21 Arable land**
 - 2110 Non-irrigated arable land
 - 2120 Permanently irrigated land
 - 2130 Rice fields
 - 22 Permanent crops**
 - 2210 Vineyards
 - 2220 Fruit trees
 - 2230 Olive groves
 - 23 Pastures**
 - 2310 Pastures
 - 24 Heterogeneous agricultural areas**
 - 2410 Annual crops associated with permanent crops
 - 2420 Complex cultivation
 - 2430 Land principally occupied by agriculture, with significant areas of natural vegetation
 - 2440 Agro-forestry areas

 - 3 Forests and semi-natural areas**
 - 31 Forests**
 - 3110 Broad-leaved forest
 - 3111 Cork oak
 - 3112 Holm oak
 - 3113 Forests and semi-natural areas
-

- 3114 Chestnut-tree
 - 3115 Oak forest
 - 3116 Eucalyptus forest
 - 3120 Coniferous forest
 - 3130 Mixed forest
 - 32 **Shrub and/or herbaceous vegetation association**
 - 3210 Natural grassland
 - 3220 Moors and heathland
 - 3230 Sclerophyllous vegetation
 - 3240 Transitional woodland shrub
 - 33 **Open spaces with little or no vegetation**
 - 3310 Beaches, dunes, and sand plains
 - 3320 Bare rock
 - 3330 Sparsely vegetated areas
 - 3340 Burnt areas
 - 3350 Glaciers and perpetual snow
-

Appendix N. – Ramsar criteria for identifying wetlands of international importance

Group A - Sites containing representative, rare or unique wetland types

Criterion 1: A wetland should be considered internationally important whenever containing a representative, rare, or unique example of a natural or near-natural wetland type found within the appropriate biogeographic region.

Group B - Sites of international importance for biodiversity conservation

Criteria based on species and ecological communities

Criterion 2: A wetland should be considered internationally important whenever supporting vulnerable, endangered, or critically endangered species or threatened ecological communities.

Criterion 3: A wetland should be considered internationally important whenever supporting populations of plant and/or animal species important for maintaining the biological diversity of a particular biogeographic region.

Criterion 4: A wetland should be considered internationally important whenever supporting plant and/or animal species at a critical life cycle stages, or provides refuge during adverse conditions.

Specific criteria based on waterbirds

Criterion 5: A wetland should be considered internationally important whenever regularly supporting 20,000 or more waterbirds.

Criterion 6: A wetland should be considered internationally important whenever regularly supporting 1% of the individuals in a population of a waterbird species or subspecies.

Specific criteria based on fish

Criterion 7: A wetland should be considered internationally important whenever supporting a significant proportion of indigenous fish subspecies, species or families, life cycle stages, species interactions and/or populations that are representative of wetland benefits and/or values and thereby contributes to global biological diversity.

Criterion 8: A wetland should be considered internationally important whenever considered an important source of food for fishes, spawning ground, nursery and/or migration path on which fish stocks depend, either within the wetland or elsewhere.

Specific criteria based on other taxa

Criterion 9: A wetland should be considered internationally important if it regularly supports 1% of the individuals in a population of one species or subspecies of wetland-dependent non-avian animal species.

Appendix O. – Wetland values

Functions

- 101 Ground water recharge
- 102 Ground water discharge
- 103 Flood control
- 104 Sediment/toxicant retention
- 105 Nutrient retention
- 106 Shoreline stabilization
- 107 Storm protection/windbreak
- 108 Water transport
- 109 Food chain support
- 110 Wildlife habitat
- 111 Active recreation

Products

- 201 Wildlife resources
- 202 Fisheries
- 203 Forage resources
- 204 Agricultural resources
- 205 Water supply
- 206 Forest resources

Attributes

- 301 Biological diversity
 - 302 Uniqueness to culture/heritage
-

Appendix P. - Activities

The following list represents activities influencing the conservation status of a wetland site, according to the Natura 2000 network system.

Code	Activity
00	MANAGEMENT FOR CONSERVATION
010	Habitat conservation
020	Resource conservation
030	Species conservation
040	Land restoration
090	Other conservation activities
10	AGRICULTURE, FORESTRY AND ANIMAL BREEDING
100	Cultivation
101	modification of cultivation practices
102	mowing / cutting
110	Use of pesticides
120	Fertilisation
130	Irrigation
140	Grazing
141	abandonment of pastoral systems
150	Restructuring agricultural land holding
151	removal of hedges and copses
160	General Forestry management
161	forest planting
162	artificial planting
163	forest replanting
164	forest clearance
165	removal of forest undergrowth
166	removal of dead and dying trees
167	forest exploitation without replanting
170	Animal breeding
171	stock feeding
180	Burning
190	Agriculture and forestry activities not referred to above
20	FISHING, HUNTING AND COLLECTING
200	Fish and Shellfish Aquaculture
210	Professional fishing
211	fixed location fishing
212	trawling
213	drift-net fishing
220	Leisure fishing
221	bait digging
230	Hunting
240	Taking / Removal of fauna, general

Code	Activity
241	collection (insects, reptiles, amphibians.....)
242	taking from nest (falcons)
243	trapping, poisoning, poaching
244	other forms of taking fauna
250	Taking / Removal of flora, general
251	pillaging of floristic stations
290	Hunting, fishing or collecting activities not referred to above
30	MINING AND EXTRACTION OF MATERIALS
300	Sand and gravel extraction
301	quarries
302	removal of beach materials
310	Peat extraction
311	hand cutting of peat
312	mechanical removal of peat
320	Exploration and extraction of oil or gas
330	Mines
331	open cast mining
340	Salt works
390	Mining and extraction activities not referred to above
40	URBANISATION, INDUSTRIALISATION AND SIMILAR ACTIVITIES
400	Urbanised areas, human habitation
401	continuous urbanisation
402	discontinuous urbanisation
403	dispersed habitation
409	other patterns of habitation
410	Industrial or commercial areas
411	factory
412	industrial stockage
419	other industrial / commercial areas
420	Discharges
421	disposal of household waste
422	disposal of industrial waste
423	disposal of inert materials
424	Other discharges
430	Agricultural structures
440	Storage of materials
490	Other urbanisation, industrial and similar activities
50	TRANSPORTATION AND COMMUNICATION
500	Communication networks
501	paths, tracks, cycling tracks
502	roads, motorways
503	railway lines, TGV
504	port areas
505	airport
506	aerodrome, heliport

Code	Activity
507	bridge, viaduct
508	tunnel
509	other communication networks
510	Energy transport
511	electricity lines
512	pipe lines
513	other forms of energy transport
520	Shipping
530	Improved access to site
590	Other forms of transportation and communication
60	LEISURE AND TOURISM
600	Sport and leisure structures
601	golf course
602	skiing complex
603	stadium
604	circuit, track
605	hippodrome
606	attraction park
607	sports pitch
608	camping and caravans
609	other sport/tourism complexes
610	Interpretative centres
620	Outdoor sports and leisure activities
621	nautical sports
622	walking, horseriding and non-motorised vehicles
623	motorised vehicles
624	mountaineering, rock climbing, speleology
625	gliding, delta plane, paragliding, ballooning
626	skiing, off-piste
629	other outdoor sports and leisure activities
690	Other leisure and tourism impacts not referred to above
70	POLLUTION AND OTHER HUMAN IMPACTS/ACTIVITIES
700	Pollution
701	water pollution
702	air pollution
703	soil pollution
709	other forms or mixed forms of pollution
710	Noise nuisance
720	Trampling, overuse
730	Military manouvres
740	Vandalism
790	Other pollution or human impacts/activities
80	HUMAN INDUCED CHANGES IN HYDRAULIC CONDITIONS
800	Landfill, land reclamation and drying out, general
801	polderisation

Code	Activity
802	reclamation of land from sea, estuary or marsh
803	infilling of ditches, dykes, ponds, pools, marshes or pits
810	Drainage
811	management of aquatic and bank vegetation for drainage purposes
820	Removal of sediments (e.g. mud, etc.)
830	Canalisation
840	Flooding
850	Modification of hydrographic functioning, general
851	modification of marine currents
852	modifying structures of inland water courses
853	management of water levels
860	Dumping, depositing of dredged deposits
870	Dykes, embankments, artificial beaches, general
871	sea defense or coast protection works
890	Other human induced changes in hydraulic conditions
90	NATURAL PROCESSES (BIOTIC AND ABIOTIC)
900	Erosion
910	Silting up
920	Drying out
930	Submersion
940	Natural catastrophes
941	inundation
942	avalanche
943	collapse of terrain, landslide
944	storm, cyclone
945	volcanic activity
946	earthquake
947	tidal wave
948	fire (natural)
949	other natural catastrophes
950	Biocenotic evolution
951	drying out / accumulation of organic material
952	eutrophication
953	acidification
954	invasion by a species
960	Interspecific faunal relations
961	competition (example: gull/tern)
962	parasitism
963	introduction of disease
964	genetic pollution
965	predation
966	antagonism arising from introduction of species
967	antagonism with domestic animals
969	other forms or mixed forms of interspecific faunal competition
970	Interspecific floral relations

Code	Activity
971	competition
972	parasitism
973	introduction of disease
974	genetic pollution
975	lack of pollinating agents
976	damage by game species
979	other forms or mixed forms of interspecific floral competition
990	Other natural processes
XX	Negligible or nil activity or impact

Appendix Q.— Impacts

Code	Impact
A-- Loss of aesthetic value(s)	
AN-	Increase in noise
AS-	Loss of scenic value
E-- Enhancement	
EA-	Increase in transport capability
EB-	Increase in aesthetic qualities
ED-	Increase in sediment removal/retention
EE-	Increase of economic potential
EF-	Increase in protection from natural forces
EI-	Increase of other socio-economic value(s)
EO-	Increase potential for natural products
EP-	Reduction of salt intrusion potential
ER-	Increase in flow regulation
ES-	Increase in water supply
ET-	Increase in toxicant removal/retention
EU-	Increase of tourist/recreation potential
EW-	Increase in wilderness/wildlife values
F-- Faunal changes	
FA-	Change in age composition of a faunal species
FB-	Disruption of natural balance/interaction between faunal species
FC-	Change in faunal species composition
FCD	Loss of faunal diversity
FCP	Introduction of animal pests
FF-	Disruption of natural cycles/functions of faunal species
FFB	Disruption of breeding
FFO	Disruption of faunal cycle/function other than breeding
FP-	Decrease in population of faunal species
FPX	Local extinction of faunal species
H-- Habitat degradation	
HC-	Loss of wildlife corridor(s)
HF-	Habitat fragmentation
HL-	Habitat loss
L-- Decrease in wetland benefits	
LA-	Decrease in transport capability
LD-	Decrease in sediment removal/retention
LE-	Decrease in economic potential
LF-	Decrease in protection from natural forces
LI-	Decrease in other socio-economic value(s)

Code	Impact
LO-	Decrease in natural product potential
LP-	Decrease in prevention of salt intrusion
LR-	Decrease in flow regulation
LS-	Decrease in water supply
LT-	Decrease in toxicant removal/retention
LU-	Decrease in tourist/recreation potential
LW-	Decrease in wilderness/wildlife values

P-- Pollution

PC-	Chemical pollution
PCA	Chemical pollution as an accident/event
PCC	Chronic chemical pollution
PCO	Chemical pollution of an unknown severity/duration
PF-	Fertilizer/Excess nutrient pollution
PFA	Fertilizer/Excess nutrient pollution as an accident/event
PFC	Chronic fertilizer/excess nutrient pollution
PFO	Fertilizer/Excess nutrient pollution of an unknown severity/duration
PH-	Increase of pH
PHA	Increase of pH as an accident/event
PHC	Chronic increase of pH
PHO	Increase of pH of an unknown severity/duration
PI-	Temperature increase
PIA	Temperature increase as an accident/event
PIC	Chronic temperature increase
PIO	Temperature increase of an unknown severity/duration
PJ-	Decrease of pH
PJA	Decrease of pH as an accident/event
PJC	Chronic decrease of pH
PJO	Decrease of pH of an unknown severity/duration
PM-	Heavy metal pollution
PMA	Heavy metal pollution as an accident/event
PMC	Chronic heavy metal pollution
PMO	Heavy metal pollution of an unknown severity/duration
PO-	Oil pollution
POA	Oil pollution as an accident/event
POC	Chronic oil pollution
POO	Oil pollution of an unknown severity/duration
PP-	Pesticide pollution
PPA	Pesticide pollution as an accident/event
PPC	Chronic pesticide pollution
PPO	Pesticide pollution of an unknown severity/duration
PR-	Radioactive pollution
PRA	Radioactive pollution as an accident/event
PRC	Chronic radioactive pollution
PRO	Radioactive pollution of an unknown severity/duration

Code	Impact
PS-	Sewage pollution
PSA	Sewage pollution as an accident/event
PSC	Chronic sewage pollution
PSO	Sewage pollution of an unknown severity/duration
PT-	Temperature decrease
PTA	Temperature decrease as an accident/event
PTC	Chronic temperature Decrease
PTO	Temperature decrease of an unknown severity/duration
PU-	Increase of turbidity
PUA	Increase of turbidity as an accident/event
PUC	Chronic increase of turbidity
PUO	Increase of turbidity of an unknown severity/duration
PV-	Decrease in dissolved oxygen
PVA	Decrease in dissolved oxygen as an accident/event
PVC	Chronic decrease in dissolved Oxygen
PVO	Decrease in dissolved oxygen of an unknown severity/duration

S-- Soil/Land impacts

SA-	Accretion/Deposition
SC-	Soil leaching
SE-	Increased erosion
SEH	Increased water erosion
SEW	Increased wind erosion
SI-	Soil acidification
SK-	Peat shrinkage
SL-	Precipitation of landslides
SP-	Soil compaction
SS-	Soil siltation

V-- Vegetative degradation

VA-	Change in age composition of a floral species
VC-	Change in vegetative species composition
VCD	Loss of floral diversity
VCX	Introduction of exotic floral species
VP-	Decrease in population of floral species
VS-	Change in vegetative structure

W-- Hydrological impacts

WD-	Diversion of flowing water
WF-	Increase in flooding
WG-	Drainage/Reduction of water level
WGL	Drainage of standing water
WGS	Drainage of swampland
WGT	Lowering of water table
WR-	Altered flow regime

Code	Impact
WS-	Salt water intrusion
WSG	Salt water intrusion of ground water
WSL	Salt water intrusion of land
WSR	Salt water intrusion of surface water
WT-	Altered tidal regime