

CONVENTION ON WETLANDS (Ramsar, Iran, 1971)  
42<sup>nd</sup> Meeting of the Standing Committee  
Gland, Switzerland, 16-20 May 2011

DOC. SC42-19-01, Addendum 3

Agenda item 10.3

## Review and streamlining of procedures for describing Ramsar Sites at designation

### DRAFT Ramsar Site Information Sheet (RIS) – 2012 revision

#### Explanatory Notes for Standing Committee

- Note that the column on the right hand side of the page entitled ‘Explanatory notes and comments’ and tinted in grey does not form part of the RIS itself, but rather provides explanation about the derivation of each field. This column will be removed from the final version after adoption.
- **Yellow-highlighted numbers** are either internal cross-references or cross-references to the draft 2012 Strategic Framework and are for editorial purposes only. These highlights will be removed from the adopted RIS.
- In the planned online version of this form, **fields back-shaded in light blue** relate just to RIS updates and would only become active (i.e., be seen) if field 5b indicates an RIS update.

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#### NOTES TO COMPILERS

1. The RIS must be completed in one of the Convention’s three working languages, namely English, French, or Spanish. The RIS and the accompanying *Strategic Framework and guidelines for the future development of the List of Wetlands of International Importance of the Convention on Wetlands* are available in each of the three working languages. Please **read the guidance in the Strategic Framework before starting to complete the Ramsar Information Sheet**. It provides significant guidance on each section in the Information Sheet.

2. The information provided by Contracting Parties in the RIS, including any supplementary information provided, and held in the Ramsar Sites Database is also made publicly available through the Ramsar Site Information Service website (<http://ramsar.wetlands.org>).
3. **Important note on completion of fields.** Please note that it is **not** expected that most Contracting Parties will be able to complete all fields for all Ramsar Sites. Data, information and capacity are all variable worldwide and develop through time. Compilers should consider the following principles:
  - a) **If no information exists relating to a specific field, please leave this field uncompleted** (or indicate ‘unknown’). After completing the RIS, an overall assessment of those issues that are lacking information should guide future priorities for research and survey at the site (for example, within the context of the site’s management plan);
  - b) **Recording some information – even if this is an incomplete or just a provisional assessment – is more useful than giving no information.** Provisional assessments of knowledge are useful and can be expanded in subsequent updates of the RIS, and accordingly, Contracting Parties are urged to complete as much of the form as possible.
  - c) Please focus on the following sections as priorities for completion (to the extent that information allows: **Part 1 (fields 1-11), Part 2 (field 12)** and the ecological character statement in **field 13** of **Part 3**. **Part 4 (fields 28-35)** contains important information on site management and should be completed if possible.
4. Fields back-shaded in light blue relate just to RIS updates.
5. Examples of completed RIS are available on the Ramsar website at [www.ramsar.org](http://www.ramsar.org).xxxxxxx<sup>1</sup> and it is strongly advised that these are reviewed before compiling this form.
6. Note also that some fields (tinted in purple) are **not** envisaged for completion as part of a standard RIS, but are included for completeness as part of the format of a ‘full’ Ecological Character Description as given in Resolution X.15.

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<sup>1</sup> To be developed as soon as possible and in time for the regional meetings

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		Explanatory notes and comments
<b>Part 0. Summary paragraph</b>		
<b>0. Summary description of the Ramsar Site</b>  Please provide a short paragraph summarising the location and key ecological characteristics of the site. This should give a concise summary of the site.  <div style="border: 1px solid black; height: 100px; width: 100%;"></div>		
For further guidance see section <b>X.X.X</b> of the Strategic Framework.		
<b>Part 1. Administrative and locational details</b>		
<b>Part 1.1 About this form</b>		
<b>1. Name and address (both postal and email) of those responsible for compiling this form</b>  <div> <div> a) Form compiler <div> <div><b>Name and address:</b></div> <div>Name:</div> <div>Institution/agency:</div> <div>Postal address:</div> <div>e-mail:</div> <div>Fax:</div> </div> </div> <div> b) National Administrative Authority for the Ramsar Convention <div> <div>Name:</div> </div> </div> </div>		

		Explanatory notes and comments
<div> <div>Institution/agency:</div> <div>Postal address:</div> <div>e-mail:</div> <div>Fax:</div> <div>Website (if appropriate):</div> </div>		
<p>For further guidance see section 7.2.1 of the Strategic Framework.</p>		
<p><b>2. Period of collection of data and information used to compile the sheet</b></p> <div> <div> <div> <div>a) Period when the data and information for the sheet for a newly designated site was compiled</div> <div>b) Period when the data and information for revision of existing sheet was updated [for updated RIS only]</div> </div> <div> <div>Period (Year x - Year y)</div> <div></div> <div></div> </div> </div> </div> <p>For further guidance see section 7.2.2 of the Strategic Framework.</p>		<p>Field from existing RIS (#2) though clarified in intent.</p> <p>Other key dates such as receipt of RIS by Secretariat do not need to be shown on the RIS as these will be added to the Ramsar Sites Database directly by the Secretariat.</p>
<p><b>3. Country</b></p> <div></div> <p>For further guidance see section 7.2.3 of the Strategic Framework.</p>		<p>Field from existing RIS (#3)</p> <p>Could be given as drop-down list in due course</p>

**4. Name of the Ramsar Site**

Field from existing RIS (#4)

The official name of the designated site in one of the three official languages (English, French or Spanish) of the Convention. Non-official, alternative names, including in local language(s), can also be given below after the official name.

**Official name at designation:**

Non-official, alternative name 1

Non-official, alternative name 2

(Add more lines as appropriate if the site has further names)

For further guidance see sections 5.11 and 7.2.4 of the Strategic Framework.

**5. Designation of new Ramsar Site or update of information related to an existing Site**

Field from existing RIS (#5)

This RIS is for (tick one box only):

a) Designation of a new Ramsar Site; or

☐

b) Updated information on an existing Ramsar Site.

☐

For further guidance see section 7.2.5 of the Strategic Framework.

**6. Changes to the site since its designation or earlier update. (FOR RIS UPDATES ONLY)**

Field from existing RIS (#6a)

**6a) Site boundary and area**

Please indicate all relevant categories that apply to the Site.

In the electronic version, this question might only be visible if Q5b was

The Ramsar Site boundary and site area are unchanged:

☐

Or

The site *boundary* has not changed but the measured site *area* has changed because either:

☐

i) The site area has been measured more accurately and has increased; or

☐

ii) The site area has been measured more accurately and has decreased

☐

and/or

If the site *boundary* has changed:

i) the boundary has been delineated more accurately; or

☐

a) site area has increased with more accurate boundary delineation

☐

b) site area has not increased with more accurate boundary delineation

☐

ii) the boundary has been extended; or

☐

a) site area has increased with boundary extension delineation

☐

b) site area has not increased with boundary extension due to more accurate area measurement

☐

iii) the boundary has been restricted\*\*

☐

a) site area has decreased with boundary restriction

☐

b) site area has not decreased with boundary restriction due to more accurate area measurement

☐

**\*\* Important note:** If the boundary of the designated site is being restricted/reduced, the Contracting Party should have followed:

- the requirements in Article 2.5 of the Convention;
- the procedures established by the Conference of the Parties in the Annex to CoP8 Resolution VIII.20; or
- where appropriate instead, the procedures in the Annex to COP9 Resolution IX.6.

Contracting Parties should also have provided to the Secretariat a report on changes prior to the submission of an updated RIS.

For further guidance see section 7.2.6 of the Strategic Framework.

ticked

**6b) Has the ecological character of the Ramsar Site (including applicable Criteria) changed since the previous RIS?**

No ☐

Yes ☐

If so, are changes the result of:

If yes, please complete **field 6c** below to describe these changes

Changes resulting from causes operating within the existing boundaries? ☐

Changes resulting from causes operating beyond the site's boundaries? ☐

Changes resulting from causes operating both inside and outside the site's boundaries? ☐

Changes consequent upon site boundary reduction alone (e.g., the exclusion of some wetland types formerly included within the site)? ☐

Changes consequent upon site boundary increase alone (e.g., the inclusion of different wetland types in the site)? ☐

Field from existing RIS (#6b)

In the electronic version, this question will only be visible if Q5b was ticked

**6c) Changes to the ecological character of the Ramsar Site**

i) Please describe any changes to the ecological character of the Ramsar Site, including in the application of the Criteria, since the previous RIS for the site.

ii) If change of ecological character is negative and human-induced, has an Article 3.2 report yet been submitted to the Secretariat? YES ☐ NO ☐

New sub-field

In the electronic version, this question will only be visible if Q5b was ticked



## Part 1.2 About the site's location

### 7. Defining the site

Field from existing RIS (#7)

The provision of a map is mandatory for Ramsar Site listing. This question is about the format of the map provided. A map of the site, with clearly delineated boundaries, is provided in one or other of the two following formats:

i) a GIS shape file providing geo-referenced site boundary and attribute table:

☐

ii) a map in electronic format (e.g., a JPEG or ArcView image):

☐

At the discretion of the Contracting Party, it would be helpful if an additional written description of the boundary of the site (and any associated defining features such as boundary at the low or high watermark for coastal sites) can be provided here:

For further guidance see section 7.2.7 and especially Appendix C of the Strategic Framework.

### 8. Geographical co-ordinates

Field from existing RIS (#8)

Provide the coordinates of the approximate centre of the site expressed in degrees and minutes of latitude and longitude (e.g., in the format: 01°24'S 104°16'E or 010°30'N 084°51'W). If the site is composed of more than one separate area, also provide central coordinates for each of these areas.

Deleted reference to provision of coordinates for limits to site as seemingly not used for any purpose. In any case redundant if GIS map provided

For further guidance see section 7.2.8 of the Strategic Framework.

**9. General location**

Field from existing RIS (#9)

**9a. Geographic location**

a) In which large administrative region does the site lie?

b) What is the nearest town or population centre?


For further guidance see section 7.2.9 of the Strategic Framework.

**9b. For wetlands on national boundaries only**

- |  | YES                      | NO                       |
|--|--------------------------|--------------------------|
| a) Does the wetland extend into the territory of one or more other countries?                            | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Is the site adjacent to another designated Ramsar Site in the territory of another Contracting Party? | <input type="checkbox"/> | <input type="checkbox"/> |
|  | if so, answer c)         |                          |
| c) Is the site part of a joint transboundary designation with another Contracting Party?                 | <input type="checkbox"/> | <input type="checkbox"/> |
|  | if so, answer d)         |                          |
| d) Transboundary Ramsar Site name if this is different from those given above?                           |                          |                          |

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For further guidance see section 5.12 of the Strategic Framework.

10. Area of Ramsar Site

Area in hectares:

For further guidance see section 7.2.10 of the Strategic Framework.

Field from existing RIS  
(#11)

**11. Biogeography**Field from existing RIS  
(#15)

Name the relevant biogeographic region(s) that include the Ramsar Site, and identify the biogeographic regionalisation system that has been applied when Criteria 1 and/or 3 and/or certain applications of Criterion 2 are used for the designation:

Name of biogeographic regionalisation scheme used to select Ramsar site	Tick which regionalisation scheme used	Name of biogeographic region containing Ramsar Site
<b>Marine/coastal sites</b>		
Marine Ecoregions of the World	<input type="checkbox"/>	
<b>Terrestrial sites</b>		
Udvardy's Biogeographical Provinces	<input type="checkbox"/>	
Bailey's Ecoregions	<input type="checkbox"/>	
WWF Terrestrial Ecoregions	<input type="checkbox"/>	
EU's biogeographic regionalisation	<input type="checkbox"/>	
Other biogeographic regionalisation scheme (including <i>Freshwater Ecoregions of the World</i> - FEOW) (include reference citation for any other schemes used)	<input type="checkbox"/>	

For further guidance see sections 5.3 and 7.2.11 of the Strategic Framework.

## Part 2. Why is this site internationally important? (Criteria for designation)

### 12. Ramsar Criteria and their justification

Field from existing RIS  
(#14)

Tick the box against each Criterion applied to the designation of the Ramsar Site. Refer to **section 6.1** of the Strategic Framework for further information about Criteria and their justification. All Criteria which apply should be ticked.

**PLEASE NOTE** that this section gives an overall summary of which Criteria apply to the site. After completing the first part, please add information concerning specific plant species (**12a**), plant communities (**12b**), animal species (**12c**) and animal communities (**12d**) as appropriate to provide further details on the detailed reasons why the Criteria are fulfilled.

Criterion	Abbreviated description	Justification for use of Criterion:																				
1	Representative, rare or unique wetland types	<input type="checkbox"/> Please give names of those wetland types which are the basis for the site meeting Criterion 1 and indicate whether they are representative, rare or unique <table border="1"> <thead> <tr> <th>Wetland type</th> <th>Representative?</th> <th>Rare?</th> <th>Unique?</th> </tr> </thead> <tbody> <tr> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>(Add more rows as necessary)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	Wetland type	Representative?	Rare?	Unique?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(Add more rows as necessary)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wetland type	Representative?	Rare?	Unique?																			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
(Add more rows as necessary)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
2	Rare species and threatened ecological communities	<input type="checkbox"/> Please give details in fields <b>12a</b> – plant species, <b>12b</b> – plant communities, <b>12c</b> – animal species and <b>12d</b> – animal communities																				
3	Biological diversity	<input type="checkbox"/> Please give details in fields <b>12a</b> - plant species and/or <b>12c</b> – animal species																				
4	Critical stage of life	<input type="checkbox"/> Please give details in fields <b>12a</b> - plant species and/or <b>12c</b> – animal species																				

	cycles		
5	>1% waterbird population	<input type="checkbox"/>	Please give details of relevant bird species in field 12c
6	>20,000 waterbirds	<input type="checkbox"/>	Please give details of relevant bird species in field 12c and information on total numbers and data period below:
<b>Overall waterbird numbers:</b>			
<b>Period data relates to:</b>			
7	Fish	<input type="checkbox"/>	Please give details of relevant fish species in field 12c
8	Fish spawning grounds, etc.	<input type="checkbox"/>	<div>Please give details here:</div> <div></div> <div>(Add more rows as necessary)</div>
9	>1% non-avian population	<input type="checkbox"/>	Please give details of relevant non-avian animals in section 12c

For further guidance see section 6.1 of the Strategic Framework.

**12a. Plant species whose presence relates to the international importance of the site**Field from existing RIS (#14  
[=20a]) & #21 [=20b])

Species name (scientific + common name)	Species qualifies under Criterion:			IUCN status	Tick if CITES listed	Tick if nationally Red-listed	Position in range / endemism / other
	2	3	4				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	

[add more rows as necessary]

Optional text box to provide further information on plant species of international importance:

**12b. Plant communities whose presence relates to the international importance of the site**Field from existing RIS  
(#14)

Name of plant community	Community qualifies under Criterion 2?	Description
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

[add more rows as necessary]

For further guidance see section 7.3.4 of the Strategic Framework.

**12c. Animal species whose presence relates to the international importance of the site**Field from existing RIS (#14  
[=22a]) & #22 [=22b]).

Species name (scientific + common name)	Species qualifies under Criterion:						Popn. size in site	Date of popn. estimate	% occurrence (biogeographic population) in site	IUCN status	Other species status	Position in range / endemism / other
	2	3	4	6	7	9						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

[add more rows as necessary]

Optional text box to provide further information on  
animal species of international importance:
**12d. Animal communities whose presence relates to the international importance of the site**Field from existing RIS  
(#14)

Name of animal community	Qualifies under criterion?		Description
	2	5	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	



	<input type="checkbox"/>	<input type="checkbox"/>	
--	--------------------------	--------------------------	--

[add more rows as necessary]

For further guidance see section 7.3.6 of the Strategic Framework.

### Part 3. What is the site like? (Ecological character description)

#### 13. What are the critical ecological components, processes and services that determine the ecological character of this Ramsar Site?

Please describe which of the ecological components described in Part 3.1 below, together with the ecological processes described in Part 3.3 below, please are critical to determining the ecological character of this Ramsar Site.

Please see section 7.3.1 of the Strategic Framework for further information on completing this section and [www.ramsar.org](http://www.ramsar.org).xxxx for worked examples.

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For further guidance see section 7.3.1 of the Strategic Framework.

#### Part 3.1 Ecological components

##### 14. Climate

Please indicate the prevailing climate type, using the widely adopted Köppen-Gieger Climate Classification System:  
[http://en.wikipedia.org/wiki/K%C3%B6ppen\\_climate\\_classification](http://en.wikipedia.org/wiki/K%C3%B6ppen_climate_classification).

Please tick all climatic categories that apply to the site:

Climatic region	Sub-region	Description of region	
-----------------	------------	-----------------------	--

Field from existing RIS  
 (#16) and Ecological  
 Character Description  
 Sheet (#2.2)

A Tropical humid climate	Af	Tropical wet	No dry season	<input type="checkbox"/>
	Am	Tropical monsoonal	Short dry season; heavy monsoonal rains in other months	<input type="checkbox"/>
	Aw	Tropical savanna	Winter dry season	<input type="checkbox"/>
B Dry climate	BWh	Subtropical desert	Low-latitude desert	<input type="checkbox"/>
	BSh	Subtropical steppe	Low-latitude dry	<input type="checkbox"/>
	BWk	Mid-latitude desert	Mid-latitude desert	<input type="checkbox"/>
	BSk	Mid-latitude steppe	Mid-latitude dry	<input type="checkbox"/>
C Moist Mid-Latitude climate with mild winters	Csa	Mediterranean	Mild with dry, hot summer	<input type="checkbox"/>
	Csb	Mediterranean	Mild with dry, warm summer	<input type="checkbox"/>
	Cfa	Humid subtropical	Mild with no dry season, hot summer	<input type="checkbox"/>
	Cwa	Humid subtropical	Mild with dry winter, hot summer	<input type="checkbox"/>
	Cfb	Marine west coast	Mild with no dry season, warm summer	<input type="checkbox"/>
	Cfc	Marine west coast	Mild with no dry season, cool summer	<input type="checkbox"/>
D Moist Mid-Latitude climate with cold winters	Dfa	Humid continental	Humid with severe winter, no dry season, hot summer	<input type="checkbox"/>
	Dfb	Humid continental	Humid with severe winter, no dry season, warm summer	<input type="checkbox"/>
	Dwa	Humid continental	Humid with severe, dry winter, hot summer	<input type="checkbox"/>
	Dwb	Humid continental	Humid with severe, dry winter, warm summer	<input type="checkbox"/>
	Dfc	Subarctic	Severe winter, no dry season, cool summer	<input type="checkbox"/>

	Dfd	Subarctic	Severe, very cold winter, no dry season, cool summer	<input type="checkbox"/>
	Dwc	Subarctic	Severe, dry winter, cool summer	<input type="checkbox"/>
	Dwd	Subarctic	Severe, very cold and dry winter, cool summer	<input type="checkbox"/>
E Polar climate with extremely cold winters and summers	ET	Tundra	Polar tundra, no true summer	<input type="checkbox"/>
	EF	Ice Cap	Perennial ice	<input type="checkbox"/>
H Highland				<input type="checkbox"/>

If changing climatic conditions are affecting the site, please indicate the nature of these changes:

For further guidance see section 7.3.2 of the Strategic Framework.

**15. Geomorphic setting**Field from existing RIS (#10  
& #17)**a) Elevation above sea level (in metres)**

Minimum:

Maximum:

**b) Position in landscape/river basin****Please tick all that apply**

Entire river basin

☐

Upper part of river basin

☐

Middle part of river basin

☐

Lower part of river basin

☐

More than one river basin

☐

Not in river basin

☐

Coastal

☐

Other

☐

If 'Other', give type of river basin:

Name of river basin as appropriate. (For wholly coastal/  
marine sites please give name of sea/ocean. If the site lies in a  
sub-basin then also provide the larger river basin name):

For further guidance see section 7.3.3 of the Strategic Framework.

**16. What wetland type(s) are in the site?**

Please indicate either:

- a) the presence of ***all*** the wetland types which occur on the site in column a); or
- b) if possible, those wetlands which cover the greatest extent of the total area of the site ranked from 1 (greatest extent) to 4, in column b); or
- c) if measurements are available, the area (in hectares) of each wetland type present, in column c).

For further guidance see section 5.2.2 of the Strategic Framework.

Field from existing RIS (#19). This section should adequately also address ECD #2.3 "Habitat types (including comments on particular rarity, etc.) and Ramsar wetland types"

Wetland types		Code and name of wetland type	a) Wetland types present?	b) Ranking of extent of wetland types present (give ranks 1 [= greatest extent] to 4 only)	c) Area (ha) of wetland type if known
<b>Marine or coastal wetlands</b>					
Saline water	Permanent	A: Permanent shallow marine waters	<input type="checkbox"/>		
		Underwater vegetation	<input type="checkbox"/>		
		Coral reefs	<input type="checkbox"/>		
	Shores	D: Rocky marine shores	<input type="checkbox"/>		
		E: Sand, shingle or pebble shores	<input type="checkbox"/>		
Saline or brackish water	Intertidal	G: Intertidal mud, sand or salt flats	<input type="checkbox"/>		
		Ga: Bivalve (shell-fish) reefs	<input type="checkbox"/>		

		Marshes	H: Intertidal marshes	<input type="checkbox"/>		
		Forested	I: Intertidal forested wetlands	<input type="checkbox"/>		
	Lagoons		J: Coastal brackish/ saline lagoons	<input type="checkbox"/>		
	Estuarine waters		F: Estuarine waters	<input type="checkbox"/>		
Saline, brackish or fresh water	Subterranean		Zk(a): Karst and other subterranean hydrological systems	<input type="checkbox"/>		
Fresh water	Lagoons		K: Coastal freshwater lagoons	<input type="checkbox"/>		

**Inland wetlands**

Fresh water	Flowing water	Permanent	Rivers, streams, creeks	M: Permanent rivers/ streams/ creeks	<input type="checkbox"/>		
			Deltas	L: Permanent inland deltas	<input type="checkbox"/>		
			Springs, oases	Y: Freshwater springs; oases	<input type="checkbox"/>		
		Seasonal/ intermittent	Rivers, streams, creeks	N: Seasonal/ intermittent/ irregular rivers/ streams/ creeks	<input type="checkbox"/>		
	Lakes and pools	Permanent	> or = 8 ha	O: Permanent freshwater lakes	<input type="checkbox"/>		
			< 8 ha	Tp: Permanent freshwater marshes/ pools	<input type="checkbox"/>		
		Seasonal/ intermittent	> or = 8 ha	P: Seasonal/ intermittent freshwater lakes	<input type="checkbox"/>		
			< 8 ha	Ts: Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	<input type="checkbox"/>		
	Marshes on inorganic soils	Permanent	Herb-dominated	Tp: Permanent freshwater marshes/ pools	<input type="checkbox"/>		
			Shrub-dominated	W: Shrub-dominated wetlands	<input type="checkbox"/>		
		Permanent/ seasonal/ intermittent	Tree-dominated	Xf: Freshwater, tree-dominated wetlands	<input type="checkbox"/>		
			Herb-dominated	Ts: Seasonal/ intermittent freshwater marshes/ pools	<input type="checkbox"/>		

				<b>on inorganic soils</b>			
	Marshes on peat soils	Permanent	Non-forested	U: <b>Non-forested peatlands</b>	<input type="checkbox"/>		
			Forested	Xp: <b>Forested peatlands</b>	<input type="checkbox"/>		
	Marshes on inorganic or peat soils	High altitude (montane)		Va: <b>Montane wetlands</b>	<input type="checkbox"/>		
		Tundra		Vt: <b>Tundra wetlands</b>	<input type="checkbox"/>		
Saline, brackish or alkaline water	Lakes	Permanent		Q: <b>Permanent saline/ brackish/ alkaline lakes</b>	<input type="checkbox"/>		
		Seasonal/ intermittent		R: <b>Seasonal/ intermittent saline/ brackish/ alkaline lakes and flats</b>	<input type="checkbox"/>		
	Marshes & pools	Permanent		Sp: <b>Permanent saline/ brackish/ alkaline marshes/ pools</b>	<input type="checkbox"/>		
		Seasonal/ intermittent		Ss: <b>Seasonal/ intermittent saline/ brackish/ alkaline marshes/ pools</b>	<input type="checkbox"/>		
Fresh, saline, brackish or alkaline water	Geothermal			Zg: <b>Geothermal wetlands</b>	<input type="checkbox"/>		
	Subterranean			Zk(b): <b>Karst and other subterranean hydrological systems</b>	<input type="checkbox"/>		
<b>Human-made wetlands</b>							
Aquaculture ponds				1	<input type="checkbox"/>		
Ponds				2	<input type="checkbox"/>		
Irrigated land				3	<input type="checkbox"/>		
Seasonally flooded agricultural land				4	<input type="checkbox"/>		
Salt exploitation sites				5	<input type="checkbox"/>		
Water storage areas/Reservoirs				6	<input type="checkbox"/>		
Excavations				7	<input type="checkbox"/>		

Wastewater treatment areas	8	<input type="checkbox"/>		
Canals and drainage channels or ditches	9	<input type="checkbox"/>		
Man-made subterranean hydrological systems	Zk(c)	<input type="checkbox"/>		

  

**What non-wetland habitats are within the Site?**

Other non-wetland habitats within the Site	Presence?	Area (ha) of non-wetland type if known
[e.g. Human habitation]	<input type="checkbox"/>	
[e.g. Dryland forests]	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

For further guidance see section 5.2.2 of the Strategic Framework.

  

<b>Habitat connectivity</b> ECD field not envisaged for completion as part of a standard RIS submission	Field from Ecological Character Description Sheet (#2.4)
<b>17. Plant species</b>  This section relates to <b>plant species</b> and their attributes. Provide additional information on particular species and why they are noteworthy, e.g., which species are unique, rare, endangered or biogeographically important, etc. <i>Do not include here taxonomic lists of species present – these may be supplied as supplementary information to the RIS.</i>  <b>Plant species whose presence relates to the international importance of the site</b> These should be summarised in field 12a.  <b>17a. Other noteworthy plant species</b>	Field from existing RIS (#14 [=20a]) & #21 [=20b])



Species name (scientific + common name)	Position in range/ endemism/ other

[add more rows as necessary]

**17b. Invasive alien plant species**

Species name (scientific + common name)	Species actually or potentially influencing the ecological character of the site?
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>

[add more rows as necessary]

For further guidance see section 7.3.5 of the Strategic Framework. If species are indicated as actually or potentially influencing the ecological character of the site, then please also indicate Invasive Alien Species as a threat in field 32.

**18. Animal species**

This section relates to *animal species* and their attributes. Provide additional information on particular species and why they are noteworthy, e.g., which species are unique, rare, endangered or biogeographically important, etc., including count data. *Do not include here taxonomic lists of species present – these may be supplied as supplementary information to the RIS.*

**Animal species whose presence relates to the international importance of the site**

These should be summarised in field 12c.

Field from existing RIS (#14 [=22a]) & #22 [=22b]).

**18a. Other noteworthy animal species**

Species name (scientific + common name)	Popn. size in site	Date of population estimate	% occurrence (biogeographic population)	Position in range / endemism / other

[add more rows as necessary]

**18b. Invasive alien animal species**

Species name (scientific + common name)	Species actually or potentially influencing the ecological character of the site?
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>

[add more rows as necessary]

For further guidance see section 7.3.7 of the Strategic Framework. If species are indicated as actually or potentially influencing the ecological character of the site, then please also indicate Invasive Alien Species as a threat in field 30.

**19. Soil**

Please tick categories that apply:

Field from Ecological  
Character Description  
Sheet (#2.9)

Predominantly mineral <input type="checkbox"/> Predominantly organic <input type="checkbox"/> Mixed organic and mineral soils <input type="checkbox"/> No available information <input type="checkbox"/>  Are soil types subject to change as a result of changing hydrological conditions (e.g. increased salinity or acidification)? YES? <input type="checkbox"/> NO? <input type="checkbox"/>  For further guidance see section 7.3.8 of the Strategic Framework.																					
<b>20. Water regime</b>																					
Water sources, destination, permanence and stability of water regimes. Please tick all options that apply under each heading below:																					
<table border="1"> <thead> <tr> <th>Presence?</th> <th>Changes at RIS update No change/ increase/ decrease/ unknown</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b><i>Water permanence</i></b></td> </tr> <tr> <td>Usually permanent water present; or <input type="checkbox"/></td> <td><input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/></td> </tr> <tr> <td>Usually seasonal, ephemeral or intermittent water present <input type="checkbox"/></td> <td><input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/></td> </tr> <tr> <td>Unknown <input type="checkbox"/></td> <td><input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/></td> </tr> <tr> <td colspan="2"><b><i>Source of water that maintains character of the Site</i></b></td> </tr> <tr> <td>Water inputs from rainfall (is this the predominant water source?) <input type="checkbox"/></td> <td><input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/></td> </tr> <tr> <td>Water inputs from surface water <input type="checkbox"/></td> <td><input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/></td> </tr> <tr> <td>Water inputs from groundwater <input type="checkbox"/></td> <td><input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/></td> </tr> <tr> <td>Marine water <input type="checkbox"/></td> <td><input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/></td> </tr> </tbody> </table>	Presence?	Changes at RIS update No change/ increase/ decrease/ unknown	<b><i>Water permanence</i></b>		Usually permanent water present; or <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Usually seasonal, ephemeral or intermittent water present <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Unknown <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	<b><i>Source of water that maintains character of the Site</i></b>		Water inputs from rainfall (is this the predominant water source?) <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Water inputs from surface water <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Water inputs from groundwater <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Marine water <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Field from Ecological Character Description Sheet (#2.10)
Presence?	Changes at RIS update No change/ increase/ decrease/ unknown																				
<b><i>Water permanence</i></b>																					
Usually permanent water present; or <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>																				
Usually seasonal, ephemeral or intermittent water present <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>																				
Unknown <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>																				
<b><i>Source of water that maintains character of the Site</i></b>																					
Water inputs from rainfall (is this the predominant water source?) <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>																				
Water inputs from surface water <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>																				
Water inputs from groundwater <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>																				
Marine water <input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>																				

Unknown	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
<b>Water destination</b>			
Feeds groundwater	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
To downstream catchment	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Marine	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Unknown	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
<b>Stability of water regime</b>			
Water levels largely stable; or	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Water levels fluctuating (including tidal)	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Unknown	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Other comments on hydrological regime and its determinants (if relevant). Please use this box to explain sites with complex hydrology:			
For further guidance see section 7.3.9 of the Strategic Framework.			
<b>Connectivity of surface waters and of groundwater</b>			Field from Ecological Character Description Sheet (#2.11)
ECD field not envisaged for completion as part of a standard RIS submission			
<b>Stratification and mixing regime</b>			Field from Ecological Character Description Sheet (#2.12)
ECD field not envisaged for completion as part of a standard RIS submission			
<b>21. Sediment regime</b>			Field from Ecological Character Description Sheet (#2.13)
Please tick all categories that apply:			

<p>Significant <b>erosion</b> of sediments occurs on the site <input type="checkbox"/></p> <p>Significant <b>accretion</b> or <b>deposition</b> of sediments occurs on the site <input type="checkbox"/></p> <p>Significant <b>transportation</b> of sediments occurs on or through the site <input type="checkbox"/></p> <p>Sediment regime unknown <input type="checkbox"/></p> <p>For further guidance see section 7.3.10 of the Strategic Framework.</p>																
<p><b>Water turbidity and colour</b></p> <p>ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#2.14)															
<p><b>Light - reaching wetland</b></p> <p>ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#2.15)															
<p><b>Water temperature</b></p> <p>ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#2.16)															
<p><b>22. Water pH</b></p> <p>Please tick categories present as appropriate:</p> <table> <tr> <td></td> <td><b><i>pH</i></b></td> <td></td> </tr> <tr> <td>Acid</td> <td>&lt;5.5</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Circumneutral</td> <td>5.5-7.4</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Alkaline</td> <td>&gt;7.4</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Unknown</td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>For further guidance see section 7.3.11 of the Strategic Framework.</p>		<b><i>pH</i></b>		Acid	<5.5	<input type="checkbox"/>	Circumneutral	5.5-7.4	<input type="checkbox"/>	Alkaline	>7.4	<input type="checkbox"/>	Unknown		<input type="checkbox"/>	Field from Ecological Character Description Sheet (#2.17)
	<b><i>pH</i></b>															
Acid	<5.5	<input type="checkbox"/>														
Circumneutral	5.5-7.4	<input type="checkbox"/>														
Alkaline	>7.4	<input type="checkbox"/>														
Unknown		<input type="checkbox"/>														

**23. Water salinity**

Please tick categories present as appropriate:

***Salinity***

Fresh	<0.5 g/l	<input type="checkbox"/>
Mixohaline (brackish)/Mixosaline	0.5-30 g/l	<input type="checkbox"/>
Euhaline/Eusaline	30-40 g/l	<input type="checkbox"/>
Hyperhaline/Hypersaline	>40 g/l	<input type="checkbox"/>
Unknown		<input type="checkbox"/>

For further guidance see section 7.3.12 of the Strategic Framework.

Field from Ecological  
Character Description  
Sheet (#2.18)***Dissolved gases in water***

ECD field not envisaged for completion as part of a standard RIS submission

Field from Ecological  
Character Description  
Sheet (#2.19)**24. Dissolved or suspended nutrients in water**

Please tick categories present as appropriate:

Eutrophic	Nutrient-rich waters with high primary productivity	<input type="checkbox"/>
Mesotrophic	Waters with medium levels of nutrients (between those of oligotrophic and eutrophic waters)	<input type="checkbox"/>
Oligotrophic	Waters poor in nutrients and with low primary productivity	<input type="checkbox"/>
Dystrophic	Applied to acidic lakes and ponds with peat-stained water. Rich in humic acids produced by peatland vegetation	<input type="checkbox"/>
Unknown		<input type="checkbox"/>

For further guidance see section 7.3.13 of the Strategic Framework.

Field from Ecological  
Character Description  
Sheet (#2.20)

<p><b><i>Dissolved organic carbon</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#2.21)
<p><b><i>Redox potential of water and sediments</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#2.22)
<p><b><i>Water conductivity</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#2.23)
<p><b>25. Physical features of the surrounding area from which influences may affect the Ramsar Site</b> Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the site itself:</p> <p>Landscape and ecological characteristics of the surrounding area are: i) broadly similar to those of the Ramsar Site <input type="checkbox"/></p> <p>ii) significantly different to those of the Ramsar Site <input type="checkbox"/></p> <p><b>If the surrounding area differs, please indicate how:</b> (Please indicate all that apply)</p> <p>Surrounding area has greater urbanisation or development <input type="checkbox"/></p> <p>Surrounding area has higher human population density <input type="checkbox"/></p> <p>Surrounding area has more intensive agricultural use <input type="checkbox"/></p> <p>Surrounding area has significantly different land cover or habitat types <input type="checkbox"/></p> <p>Surrounding area is different in other ways. Please describe how:</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p>For further guidance see section 7.3.14 of the Strategic Framework.</p>	<p>Field from existing RIS (#17)</p> <p>Attempts to be more specific than the general nature of old Q.17:</p> <p>“Describe the surface area, general geology and geomorphological features, general soil types, and climate (including climate type).”</p>

<p><b><i>Part 3.2 Ecological processes</i></b></p> <p><b>IMPORTANT NOTE:</b> The following section is NOT envisaged for completion as part of a standard RIS, but is included for completeness as part of the agreed format of a 'full' Ecological Character Description (ECD) outlined by Resolution X.15</p>	Fields from Ecological Character Description Sheet (Resolution X.15)
<p><b><i>Primary production</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#3.1)
<p><b><i>Nutrient cycling</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#3.2)
<p><b><i>Carbon cycling</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#3.3)
<p><b><i>Animal reproductive productivity</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#3.4)
<p><b><i>Vegetational productivity, pollination, regeneration processes, succession, role of fire, etc.</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#3.5)
<p><b><i>Notable species interactions, including grazing, predation, competition, diseases and pathogens</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#3.6)
<p><b><i>Notable aspects concerning animal and plant dispersal</i></b> ECD field not envisaged for completion as part of a standard RIS submission</p>	Field from Ecological Character Description Sheet (#3.7)
<p><b><i>Notable aspects concerning migration</i></b></p>	Field from Ecological



ECD field not envisaged for completion as part of a standard RIS submission			Character Description Sheet (#3.8)
<i>Pressures and trends concerning any of the above, and/or concerning ecosystem integrity</i> ECD field not envisaged for completion as part of a standard RIS submission			Field from Ecological Character Description Sheet (#3.9)
<b>Part 3.3 Ecosystem services</b>			
<b>26. Ecosystem services</b>  Please indicate the presence or absence of all relevant ecosystem services currently provided by the site in column a). If it is possible to assess the relative importance of different ecosystem services, this can be scored 0-3 in column b) as follows: 0 = not relevant for site 1 = present but low importance/extent or significance 2 = present, medium importance/extent or significance 3 = present, high importance/extent or significance			Field from existing RIS (#29, #30 & #31)
Ecosystem service	Examples	a) Presence/ absence of service	b) Please score 0-3 services provided by the site if possible
<b>Provisioning Services</b> – products obtained from the ecosystem such as food, fuel and fresh water			
Food for humans	Sustenance for humans (e.g. fish, molluscs)	<input type="checkbox"/>	
Fresh water	Drinking water for humans and/or livestock	<input type="checkbox"/>	
	Water for irrigated agriculture	<input type="checkbox"/>	
	Water for industry	<input type="checkbox"/>	
	Water for energy production (hydro-electricity)	<input type="checkbox"/>	
Wetland products non-food products	Timber	<input type="checkbox"/>	
	Fuel wood	<input type="checkbox"/>	
	Peat	<input type="checkbox"/>	

	Livestock fodder	<input type="checkbox"/>	
	Reeds and fibre	<input type="checkbox"/>	
	Other	<input type="checkbox"/>	
Biochemical products	Extraction of material from biota	<input type="checkbox"/>	
Genetic materials	Medicinal products	<input type="checkbox"/>	
	Genes for tolerance to certain conditions (e.g. salinity)	<input type="checkbox"/>	
	Genes for resistance to plant pathogens	<input type="checkbox"/>	
	Ornamental species (live and dead)	<input type="checkbox"/>	
<b>Regulating Services</b> – benefits obtained from the regulation of ecosystem processes such as climate regulation, water regulation and natural hazard regulation			
Maintenance of hydrological regimes	Groundwater recharge and discharge	<input type="checkbox"/>	
	Storage and delivery of water as part of water supply systems for agriculture and industry	<input type="checkbox"/>	
Erosion protection	Soil, sediment and nutrient retention	<input type="checkbox"/>	
Pollution control and detoxification	Water purification/waste treatment or dilution	<input type="checkbox"/>	
Climate regulation	Local climate regulation/buffering of change	<input type="checkbox"/>	
	Regulation of greenhouse gases, temperature, precipitation and other climatic processes	<input type="checkbox"/>	
Biological control of pests and disease	Support of predators of agricultural pests (e.g. birds feeding on locusts)	<input type="checkbox"/>	
Hazard reduction	Flood control, flood storage	<input type="checkbox"/>	
	Coastal shoreline and river bank stabilization and storm protection	<input type="checkbox"/>	
<b>Cultural Services</b> – benefits obtained from the regulation of ecosystem processes such as climate regulation, water regulation and natural hazard regulation			
Recreation and tourism*	Recreational hunting and fishing	<input type="checkbox"/>	
	Water sports and activities	<input type="checkbox"/>	
	Picnics, outings, touring	<input type="checkbox"/>	
	Nature observation and nature-based tourism	<input type="checkbox"/>	
Spiritual and inspirational	Inspiration	<input type="checkbox"/>	

	Cultural heritage (historical and archaeological)	<input type="checkbox"/>	
	Contemporary cultural significance, including for arts and creative inspiration, and including existence values	<input type="checkbox"/>	
	Spiritual and religious values	<input type="checkbox"/>	
	Aesthetic and “sense of place” values	<input type="checkbox"/>	
Scientific and educational*	Educational activities and opportunities	<input type="checkbox"/>	
	Important knowledge systems, and importance for research (scientific reference area or site)	<input type="checkbox"/>	
	Long-term monitoring site	<input type="checkbox"/>	
	Major scientific study site	<input type="checkbox"/>	
	“Type location” for a taxon	<input type="checkbox"/>	
<b>Supporting Services</b> – services necessary for the production of all other ecosystem services such as water cycling, nutrient cycling and habitat for biota. These services will generally have an indirect benefit to humans or a direct benefit over a long period of time.			
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain and the ecosystems of which they form a part	<input type="checkbox"/>	
Soil formation	Sediment retention	<input type="checkbox"/>	
	Accumulation of organic matter	<input type="checkbox"/>	
Nutrient cycling	Storage, recycling, processing and acquisition of nutrients	<input type="checkbox"/>	
	Carbon storage/sequestration	<input type="checkbox"/>	
<b>Other ecosystem service(s) not included above:</b> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>			
Have there been studies or assessments on the economic valuation of ecosystem services provided by this Ramsar Site?         YES <input type="checkbox"/> NO <input type="checkbox"/>			
For further guidance see section 7.3.16 of the Strategic Framework.			
<b>27. Social or cultural values</b>			Field from existing RIS (#23)

Is the site considered of international importance for holding, in addition to relevant ecological values, examples of significant cultural values, whether material or non-material, linked to its origin, conservation and/or ecological functioning? If so, please describe this importance under one or more of the following categories:

Type of social or cultural importance	Applicable?	Description if applicable
i) sites which provide a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland	<input type="checkbox"/>	
ii) sites which have exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland	<input type="checkbox"/>	
iii) sites where the ecological character of the wetland depends on the interaction with local communities or indigenous peoples	<input type="checkbox"/>	
iv) sites where relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland	<input type="checkbox"/>	

For further guidance see section 7.3.17 of the Strategic Framework.

## Part 4. How is the site managed? (Conservation and management)

### *Part 4.1 Land tenure and responsibilities ('Managers')*

#### 28. Land tenure/ownership

Please indicate all relevant categories that apply to the site:

Field from existing RIS  
(#24)

	Within the Ramsar Site	In the surrounding area
<b>Public ownership</b>		
Public land (unspecified)	<input type="checkbox"/>	<input type="checkbox"/>
National/Federal government	<input type="checkbox"/>	<input type="checkbox"/>
Provincial/region/state government	<input type="checkbox"/>	<input type="checkbox"/>
Local authority, municipality, (sub)district, etc.	<input type="checkbox"/>	<input type="checkbox"/>
Other public ownership	<input type="checkbox"/>	<input type="checkbox"/>
<b>Private ownership</b>		
Cooperative/collective (e.g farmers cooperative)	<input type="checkbox"/>	<input type="checkbox"/>
Commercial (company)	<input type="checkbox"/>	<input type="checkbox"/>
Foundation/non-governmental organisation/trust	<input type="checkbox"/>	<input type="checkbox"/>
Religious body/organisation	<input type="checkbox"/>	<input type="checkbox"/>
Other types of private/individual owner(s)	<input type="checkbox"/>	<input type="checkbox"/>
<b>Other</b>		
Unspecified mixed ownership	<input type="checkbox"/>	<input type="checkbox"/>
No information available	<input type="checkbox"/>	<input type="checkbox"/>
<b>Rights of use</b>		
Commoners/customary rights	<input type="checkbox"/>	<input type="checkbox"/>

Optional text box to explain complex land tenure/ownerships:

For further guidance see section 7.4.1 of the Strategic Framework.

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**29. Management authority**

Name and address of the local office(s) of the agency(ies) or organisation(s) that have functional responsible for

Field from existing RIS (#33)

oversight of the site's management:

Title and/or name of the person or persons in this office  
with responsibility for the wetland:

Postal address:

e-mail address:

For further guidance see section 7.4.2 of the Strategic Framework.

***Part 4.2 Ecological character threats and responses ('Management')*****30. Factors (actual or likely) adversely affecting the site's ecological character, including changes in land and water use and development projects**Field from existing RIS  
(#26)The Strategic Framework  
guidance will note that just  
a few, most frequently  
occurring, 'example' threats  
are given here.

Factors adversely affecting the site's ecological character	Is the threat		Within the Ramsar Site	Changes at RIS update No change/ increase/ decrease/ unknown	In the surrounding area	Changes at RIS update No change/ increase/ decrease/ unknown
	actual (happening)	potential (likely)				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>

Please add further rows as necessary.

Optional text box to explain complex threats:

For further guidance see section 7.4.3 of the Strategic Framework. Please use categories of threat given at [www.Ramsar.org.xxxxx](http://www.Ramsar.org.xxxxx) if possible.

### 31. Conservation measures taken

Field from existing RIS  
(#27a)

a) **Legal status:** list national and/or international category and legal status of protected areas, including boundary relationships with the Ramsar Site:

	Name of area	Give URL for source of online info on designation if possible	Area wholly overlapping with Ramsar Site?	Area partly overlapping with Ramsar Site?
<b>Global international legal and other formal designations</b> (please add further rows and categories as necessary)				
World Heritage site			<input type="checkbox"/>	<input type="checkbox"/>
UNESCO Biosphere Reserve			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>Regional international legal and other formal designations</b> (please add further rows and categories as necessary)				
EU Natura 2000			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>National legal and other formal designations</b> (please add further rows and categories as necessary)				
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

<b>Non-statutory designations</b> (please add further rows and categories as necessary)				
Important Bird Area			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

For further guidance see section 7.4.4 of the Strategic Framework. Please see [www.Ramsar.org](http://www.Ramsar.org) for an indicative list of categories.

**b) If known, list the IUCN (2008) protected areas category/ies which apply to the site (tick the box or boxes as appropriate):**

<b>Ia Strict Nature Reserve:</b> protected area managed mainly for science	<input type="checkbox"/>
<b>Ib Wilderness Area:</b> protected area managed mainly for wilderness protection	<input type="checkbox"/>
<b>II National Park:</b> protected area managed mainly for ecosystem protection and recreation	<input type="checkbox"/>
<b>III Natural Monument:</b> protected area managed mainly for conservation of specific natural features	<input type="checkbox"/>
<b>IV Habitat/Species Management Area:</b> protected area managed mainly for conservation of particular species or habitats	<input type="checkbox"/>
<b>V Protected Landscape/Seascape:</b> protected area managed mainly for landscape/seascape conservation and recreation	<input type="checkbox"/>
<b>VI Managed Resource Protected Area:</b> protected area managed mainly for the sustainable use of natural ecosystems	<input type="checkbox"/>

For further guidance see section 7.4.4 of the Strategic Framework or <http://data.iucn.org/dbtw-wpd/edocs/PAPS-016.pdf>.

**32. Management planning**

Please indicate which of the following apply to the Site. If more than one category applies to the site, please indicate all that are relevant.

Current plan or management planning subject to review and update	<input type="checkbox"/>	<b>Management plan/planning includes:</b> All of Ramsar Site; or <input type="checkbox"/>
Site-specific plan or management planning being implemented	<input type="checkbox"/>	

Field from existing RIS (#27b)

[Link for French translation = <http://data.iucn.org/dbtw-wpd/edocs/PAPS-016-Fr.pdf>  
 Link for Spanish translation = <http://data.iucn.org/dbtw-wpd/edocs/PAPS-016-Es.pdf>]

Field from existing RIS (#27c)



<p>Site-specific plan or management planning exists but has not yet been implemented <input type="checkbox"/></p> <p>Site-specific plan or management planning in preparation <input type="checkbox"/></p> <p>No site-specific plan or management planning exists at present <input type="checkbox"/></p> <p>No information available <input type="checkbox"/></p>	<p>Part of Ramsar Site <input type="checkbox"/></p>
<p>Has a Management effectiveness assessment (e.g., <a href="http://www.wdpa.org/ME/tools.aspx">http://www.wdpa.org/ME/tools.aspx</a>) been undertaken for the site? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>Please give link to site specific plan or other relevant management planning if this is available via the internet:</p>	<input type="text"/>
<p>If the site is a formal transboundary site as indicated in <b>field 4</b> above, are there shared management planning processes with another Contracting Party? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>Please indicate if Ramsar centre, other educational/visitor facility, or educational/visitor programmes associated with the site?</p>	<input type="text"/>
<p>URL of site-related web-page (if relevant):</p>	<input type="text" value="http://"/>
<p>For further guidance see section <b>7.4.5</b> of the Strategic Framework.</p>	
<p><b>33. Planning for restoration</b></p>	
<p>Please indicate which of the following apply to the site:</p>	
<p>Site previously subjected to restoration <input type="checkbox"/></p>	<p>New field</p>

<p>Current plan subject to review and update <input type="checkbox"/></p> <p>Implementing approved site-specific plan <input type="checkbox"/></p> <p>Site-specific plan exists but has not yet been implemented <input type="checkbox"/></p> <p>Site-specific plan or planning in preparation <input type="checkbox"/></p> <p>No site-specific plan exists at present <input type="checkbox"/></p> <p>Not applicable/no need for restoration or recreation identified <input type="checkbox"/></p> <p>No information available <input type="checkbox"/></p> <p>For further guidance see section 7.4.6 of the Strategic Framework.</p>	<p>Plan covers:</p> <p>All of Ramsar Site; or <input type="checkbox"/></p> <p>Part of Ramsar Site <input type="checkbox"/></p>	
<p><b>34. Conservation measures proposed but not yet implemented</b> e.g. official proposal as a legally protected area, etc.</p> <div data-bbox="338 837 1854 973" style="border: 1px solid black; height: 85px; margin: 10px 0;"></div> <p>For further guidance see section 7.4.7 of the Strategic Framework.</p>		<p>Field from existing RIS (#28)</p>
<p><b>35. Bibliographical references</b></p> <div data-bbox="338 1157 1854 1292" style="border: 1px solid black; height: 85px; margin: 10px 0;"></div> <p>For further guidance see section 7.4.8 of the Strategic Framework.</p>		<p>Field from existing RIS (#34)</p>
<p><b>If either:</b></p>		

- a detailed Ecological Character Description (in a national format), and/or
- a national wetland inventory entry or description; and/or
- any relevant Article 3.2 reports for the site

exist for the site, please provide these to the Secretariat as separate electronic documents (giving file names) when this RIS is submitted.