

Update on the status of Sites on the List of Wetlands of International Importance

Actions requested

The Standing Committee is invited:

- i. to take note of the report provided in SC58 Doc. 21 on the status of Sites on the List of Wetlands of International Importance prepared for the 58th meeting of the Standing Committee for the period of 22 February 2019 to 21 February 2020;
- ii. to take note of the report in Annex I on the status of Sites on the List of Wetlands of International Importance covering the triennium between COP13 and COP14, notably the period between 21 June 2018 and 21 February 2021;
- iii. to advise on activities to be undertaken by regional representatives on the Standing Committee and those Contracting Parties directly concerned;
- iv. to provide guidance to the Secretariat and to Contracting Parties as appropriate on the requests submitted by two Contracting Parties on the designation of Ramsar Sites and the extension of the Convention in areas not recognized by the United Nations as being part of their territories;
- v. to approve the draft text in Annex I for the report by the Secretariat to the 14th meeting of the Conference of the Contracting Parties (COP14) pursuant to Article 8.2 of the Convention concerning the List of Wetlands of International Importance; and to review the outline for the draft resolution on the same topic in Annex II.

Background

1. Article 8.2 of the Convention states that the continuing duties of the Secretariat shall include the following:
...
 - b) to maintain the List of Wetlands of International Importance and to be informed by the Contracting Parties of any additions, extensions, deletions or restrictions concerning wetlands included in the List provided in accordance with paragraph 5 of Article 2;
 - c) to be informed by the Contracting Parties of any changes in the ecological character of wetlands included in the List provided in accordance with paragraph 2 of Article 3;

- d) to forward notification of any alterations to the List, or changes in character of wetlands included therein, to all Contracting Parties and to arrange for these matters to be discussed at the next Conference;
 - e) to make known to the Contracting Party concerned, the recommendations of the Conferences in respect of such alterations to the List or of changes in the character of wetlands included therein.
2. Since the second meeting of the Conference of the Contracting Parties (COP2, Groningen, 1984), the Secretariat has fulfilled these duties by submitting a specific report to each meeting of the COP (pursuant to Article 8.2, paragraph d). The draft report of the Secretariat on this matter for COP14 is presented below as Annex I.
 3. This report gives a snapshot of the status of Sites on the List of Wetlands of International Importance from 21 June 2018 to 21 February 2021, following up on the period reviewed prior to COP13 in 2018.
 4. Included below as Annex II is text for the related draft resolution to be submitted to COP14 on the status of Sites in the Ramsar List of Wetlands of International Importance.
 5. Both Annex I and Annex II have their own annexes. For the purposes of clarity in the present document, these are numbered as Annex 1, Annex 2, and so on.
 6. Standing Committee is invited to note that in October 2020 the Standing Committee decided to cancel SC58 and to address at its 59th meeting (SC59) in 2021 the outstanding agenda items that were not addressed at the virtual meetings held on 22 and 24 June 2020. As the report, SC58 Doc.21, prepared for the 58th meeting of the Standing Committee for the period of 22 February 2019 to 21 February 2020 was not considered by SC58, it is available at this link for consideration by SC59: <https://www.ramsar.org/event/58th-meeting-of-the-standing-committee>

Requests submitted by two Contracting Parties on the designation of Ramsar Sites and the extension of the Convention in areas not recognized by the United Nations as being part of their territories

Western Sahara

7. In October 2019, Algeria contacted the Secretariat regarding the addition by Morocco of four wetlands located in Western Sahara to the List of Wetlands of International Importance. These wetlands and their listing dates are: Oued Assaquia Al Hamra à La'youne (16 April 2019); Côte Aftissate-Boujdour (16 April 2019); Sebkhate Imlili (12 January 2018); and Baie d'Ad-Dakhla (15 January 2005).
8. Western Sahara was added to the United Nations List of Non-Self-Governing Territories in 1963.
9. Articles 2.1 and 2.5 of the Convention specify that initial and subsequent additions to the List are limited to sites located within the territory of the relevant Contracting Party. Algeria has therefore expressed the view that the aforementioned wetlands were added to the List in contravention of, inter alia, Articles 2.1 and 2.5 of the Convention, which only authorise Contracting Parties to add sites located within their own territorial boundaries to the List. Algeria has accordingly requested that the Secretariat remove the sites from the List.

Chagos Archipelago

10. On 9 March 2020, the Office of International Standards and Legal Affairs within the United Nations Educational, Scientific and Cultural Organization (UNESCO) addressed a letter to the Secretary General of the Convention that contained correspondence from Mauritius to the Director-General of UNESCO regarding the United Kingdom's extension of the Convention to the so-called British Indian Ocean Territory on 8 September 1998.
11. In the letter Mauritius expressed its objection to the extension of the Convention to the Chagos Archipelago, noting that in so doing the United Kingdom "...purported to exercise sovereignty over the Chagos Archipelago – a claim which is untenable under international law". By way of evidence, Mauritius referred to the findings of the International Court of Justice (ICJ) in its Advisory Opinion on the Legal Consequences of the Separation of the Chagos Archipelago from Mauritius in 1965 and noted that these findings were endorsed by the United Nations General Assembly (UNGA) in resolution 73/295.
12. Mauritius went on to note that it did not recognize the United Kingdom's sovereignty over the Chagos Archipelago or the extension of the Convention to the so-called BIOT. It accordingly called on all Contracting Parties to the Convention to reject the United Kingdom's extension of the Convention to this Territory. This request was made on the basis that the United Kingdom had not ended its administration of the Chagos Archipelago by 22 November 2019, as stipulated in the aforementioned UNGA resolution.
13. The General Assembly in its resolution called upon Member States, the United Nations and all its specialized agencies and all other international regional and intergovernmental organizations, including those established by treaty to recognize that the Chagos Archipelago forms an integral part of the territory of the Republic of Mauritius, to support its speedy decolonization and to refrain from impeding that process by recognizing the so-called British Indian Ocean Territory.
14. The Secretariat requested that the Legal Advisor provide advice on these two matters. The advice is that while the Secretariat is responsible for maintaining the List pursuant to Article 8.2(b) of the Convention, it has no jurisdiction to either add or delete sites from the List. Rather, this is the sole province of the Contracting Parties (as per Articles 2.1 and 2.5 of the Convention, in particular).
15. Further, the Secretariat requested guidance from the Executive Team in its meeting of 13 May 2020. The Executive Team stressed the importance of keeping within the mandate of the Convention and instructed the Secretariat to bring these two issues to the Standing Committee for consideration and recommendation, following on Article 2 of the Convention, and to refrain from taking any further action until guidance is provided by the Standing Committee. It noted that the Standing Committee could also consider whether these issues and, more broadly, the general issue of Ramsar Sites and the application of the Convention in territorial disputed areas, needed to be considered by the COP.

Annex I

Report of the Secretariat pursuant to Article 8.2 concerning the List of Wetlands of International Importance

Reporting period

1. The present report provides the information requested under Article 8 paragraph 2 of the Convention concerning changes to the List of Wetlands of International Importance (the “Ramsar List”) and changes to the character of listed wetlands since 21 June 2018 (following up on COP13 Doc.12 covering the period prior COP12 to COP13). It is based on information received by the Secretariat up to 21 February 2021.

Newly designated Wetlands of International Importance

2. As of 21 February 2021, there were 2,416 Wetlands of International Importance (Ramsar Sites) together covering 254,551,385 hectares (ha).
3. During the reporting period, 102 new Ramsar Sites, covering a total of 6,596,939 ha, were added to the List. **Annex 1** of the present report provides a list of the Sites. The growth in the number and area of Ramsar Sites since the beginning of the Convention in 1974 is shown in Figure 1 and Figure 2 respectively.

Figure 1 Cumulative number of Wetlands of International Importance, 1974–2021

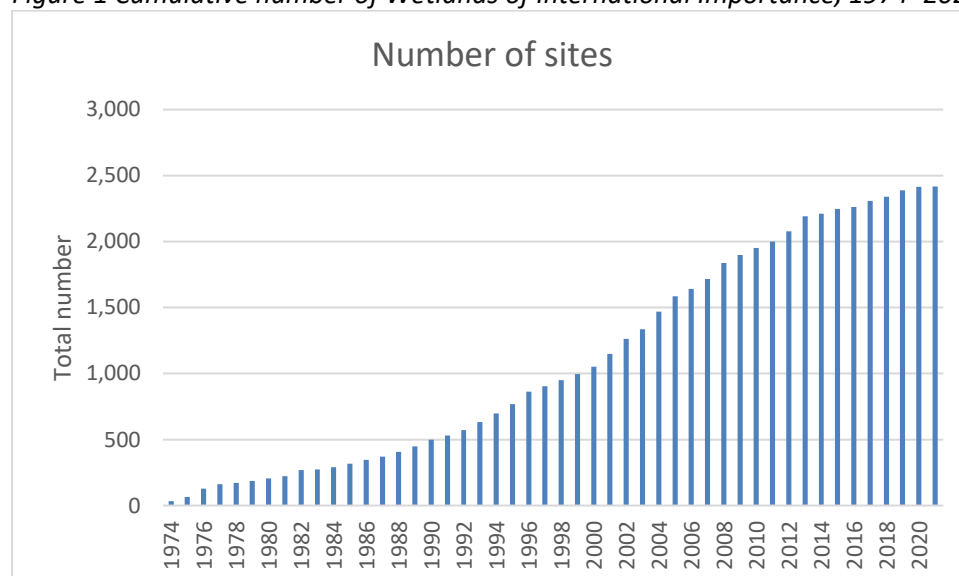
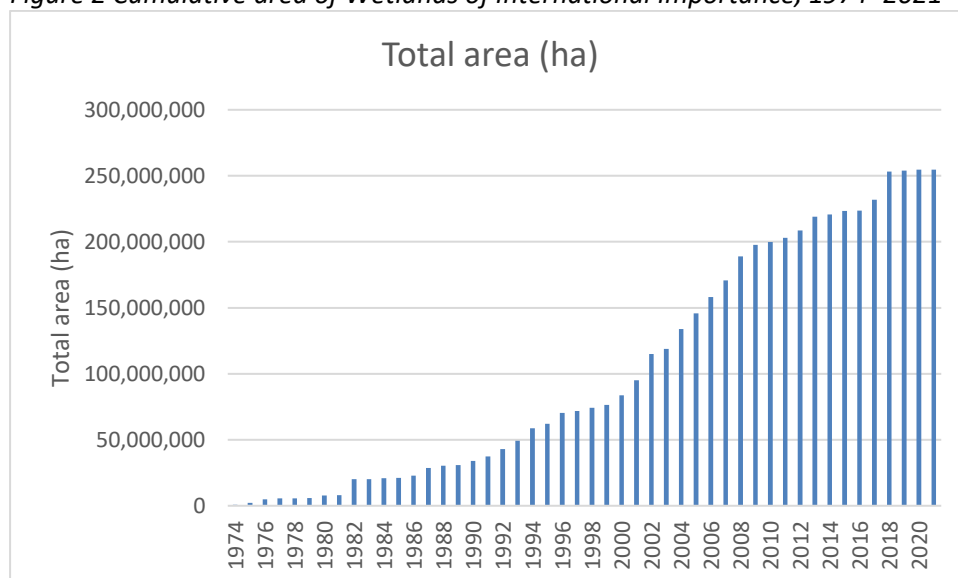


Figure 2 Cumulative area of Wetlands of International Importance, 1974–2021



4. As of 21 February 2021, new information for an additional 18 new Sites had been submitted by 13 Contracting Parties as part of the process for including these Sites in the List of Wetlands of International Importance. These new designations are being processed by the Secretariat.

Transboundary Ramsar Sites

5. Two additional Transboundary Ramsar Sites were named during the reporting period. They are: Complexe transfrontalier W-Arly – Pendjari (composed of 6 earlier designated Sites in **Benin**, **Burkina Faso** and **Niger**) and Vallée du Sourou (composed of 2 earlier designated Sites in **Burkina Faso** and **Mali**). The global number of Transboundary Ramsar Sites on 21 February 2021 was 22, composed of 165 unilateral Ramsar Sites¹.

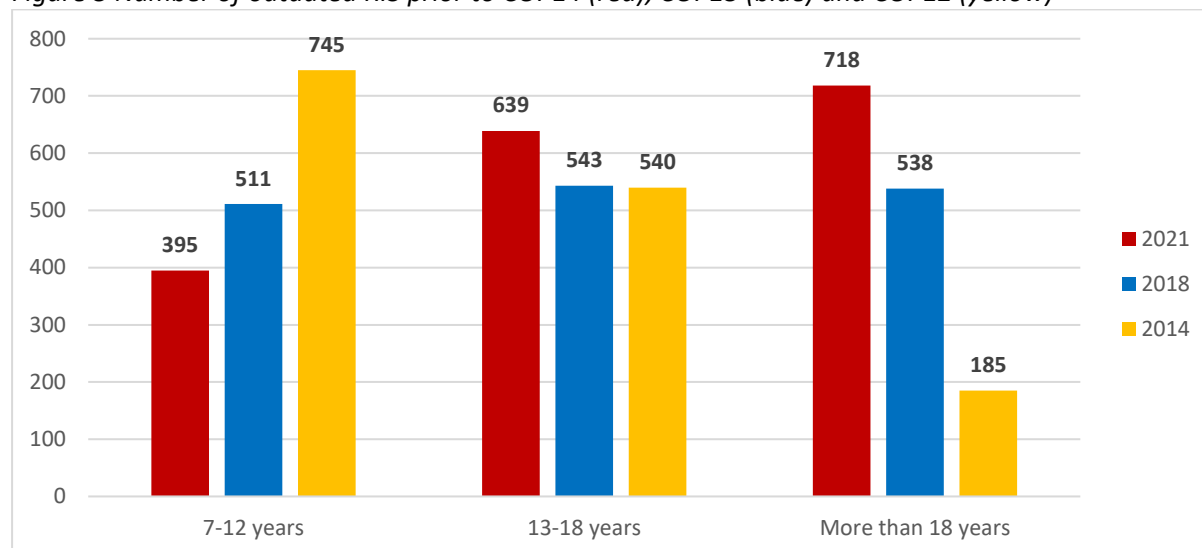
Regular updating of Ramsar Sites information

6. Resolution XIII.10 (paragraph 16) requests Contracting Parties to update, as a matter of urgency, the online Ramsar Information Sheets (RIS) for their Ramsar Sites at least once every six years. During the period under review, 32 Parties provided updated or missing data for 159 published Ramsar Site updates (6.6% of all Sites). More detail is included in **Annex 2**. In addition, 60 Parties provided updated RIS for 488 Sites that were being processed by the Secretariat on 21 February 2021 (**Annex 3b**, right-hand column).
7. **Annex 3a** provides a list of 33 Sites in the territory of 16 Parties for which either the RIS or an adequate map had not been submitted since designation. The Secretariat is following up with these Parties to fill these important gaps.
8. On 21 February 2021, information was out of date or missing for 1,752 Ramsar Sites (73% of all Sites). The table in **Annex 3b** lists 1276 Sites (53%) requiring information older than six years to be updated (central column). For these Sites, Parties have not yet submitted updates via the online Ramsar Sites Information Service that formally entered into use more than six years ago in January 2015 (Resolution XI.8, paragraph 15).

¹ See <https://www.ramsar.org/document/list-of-transboundary-ramsar-sites>.

9. Figure 3 shows the breakdown of sites with outdated RIS, including those that were being reviewed by the Secretariat at the end of the reporting period. It shows for 2021 a reduction of the number of outdated RIS with information between 7 and 12 years old, but an increase of outdated RIS with information between 13 and 18 years and more than 18 years old (red columns) compared to the situation prior to COP13 and COP12. This stresses the growing urgency to update notably those outdated RIS that were not revisited since many years.

Figure 3 Number of outdated RIS prior to COP14 (red), COP13 (blue) and COP12 (yellow)



10. It is noteworthy that 73% of Ramsar Sites have outdated RISs, i.e. providing information that was last updated more than six years ago. The Secretariat is regularly communicating with those Parties that have not provided updates and working with them to support the completion of this important action.

Extensions of existing Ramsar Sites (Article 2.5)

11. During the period under review, 27 Ramsar Sites were extended through the addition of substantial wetland area: two in **Algeria** (La Vallée d'Iherir, from 6,500 ha to 57,892 ha; Marais de Bourdim from 11 ha to 59 ha); one in **Argentina** (Laguna de Llanquanelo, 65,000 ha to 91,365 ha); one in **Belarus** (Kozyansky, from 26,060 ha to 28,489 ha), three in **Benin** (Basse Vallée de l'Ouéme, Lagune de Porto-Novo, Lac Nokoué, 91,600 ha to 652,760 ha; Basse Vallée du Couffo, Côtère, Chenal Aho, Lac Ahémé, 47,500 ha to 524,000 ha; Zone Humide de la Rivière Pendjari, 144,774 ha to 483,366 ha); one in **Bulgaria** (Atanasovsko Lake, 1,404 ha to 1,995 ha); two in **Burkina Faso** (Parc National d'Arly, 219,485 ha to 795,289 ha; and Parc National du W, 235,000 ha to 311,471 ha); one in **France** (Tourbières et lacs de la Montagne jurassienne, from 6,445 ha to 12,156 ha), one in **Japan** (Lower Maruyama River and the Surrounding Rice Paddies, 560 ha to 1,094 ha); one in **Myanmar** (Gulf of Mottama, 42,500 ha to 161,030 ha); one in the **Netherlands** (Bonaire) (Het Pekelmeer, 550 ha to 1,612 ha); six in **Niger** (Dallol Bosso, 376,162 ha to 892,122 ha; Gueltas et Oasis de l'Aïr, 2,413,237 ha to 4,924,100 ha; La Mare de Dan Doutchi, 25,366 ha to 38,250 ha; La Mare de Lassouri, 26,737 ha to 34,000 ha; La Mare de Tabalak, 7,713 ha to 107,100 ha; and Parc National du W, 220,000 ha to 385,000 ha); three in **Norway** (Lista Wetlands System, 724 ha to 1,173 ha; Nordenskiöldkysten, 31,750 ha to 42,992 ha; and Sørkapp 39,710 ha to 55,203 ha); one in **Panama** (Bahía de Panamá 49,919 ha to 85,664 ha); one in **Poland** (Lake of Seven Islands Nature Reserve 1,618 ha to 1,763 ha); one in **Senegal**

(Réserve Spéciale de Faune de Ndiaël, 10,000 ha to 26,000 ha); and two in **Sweden** (Mellanljusnan, 1,136 ha to 1,711 ha, and Ölands ostkust, 8,460 ha to 10,718 ha).

Restrictions or deletions of existing Ramsar Sites (Article 2.5)

12. No Ramsar Sites were deleted from the List during the review period, or had their boundary restricted because of urgent national interest (Article 2.5). This does not include Ramsar Sites of which the boundaries were defined more accurately according to the considerations provided in Resolution VIII.21 that resulted in a minor reduction of the originally designated Ramsar Site area.

Changes in the ecological character of specific Ramsar Sites: Article 3.2 files

13. Article 3.2 of the Convention requires Parties to inform the Secretariat if the ecological character of a Site has changed, is changing or is likely to change as the result of technological developments, pollution or other human interference. Cases where the Parties have done so are termed “Article 3.2 files”.
14. **Annex 4a** lists 150 open Article 3.2 files (171 in total, 21 closed during the reporting period) initially reported to the Secretariat by the Administrative Authority (AA), or by third parties and subsequently confirmed by the AA, as of 21 February 2021. Since 21 June 2018 Parties reported 12 new cases in Belarus, Liberia, Mauritius, Niger, Norway, Republic of Korea and Uzbekistan, and it was possible to resolve the issues and close the files for 23 Ramsar Sites in 9 Parties.
15. Resolution XIII.10 (paragraph 18) requests Contracting Parties with Ramsar Sites for which the Secretariat has received reports of change or likely change in their ecological character to submit information to the Secretariat in response to such reports, including on steps taken to address these changes, and requests the Secretariat to provide support to these Parties to address the threats to their Sites, with priority being given to the longer standing Sites.
16. Focusing on the longer standing Sites, the Secretariat asks Parties listed in **Annex 4a**, to submit as a high priority updates on the 36 Sites marked with **, for which no information was provided since more than five years (since 2015), followed by updates on the additional 57 Sites marked with *, for which no information was provided since more than two years (2018).
17. **Annex 4b** lists 57 “potential Article 3.2 files” for which human-induced negative changes in ecological character have been reported by third parties but not confirmed by the AA as of 21 February 2021. The Secretariat had forwarded this information to the concerned AAs to clarify whether the reported issues were likely to change the ecological character of these Sites, but no clarifying answers had been received from the AAs yet. Focusing on the longer standing Sites, the Secretariat expects to receive answers as a high priority on the 24 potential files marked with **, for which no answer was provided since more than five years (2015), and answers about the 13 potential files marked with *, for which no answer was provided since more than two years (2018).
18. The combined total of 207 Sites listed in Annexes 4a and 4b during the period under review represents a decrease of 14% on the number reported for the previous triennium (242 Sites). This decrease may suggest that Parties or civil society groups are paying closer attention to the potential change in ecological character of Sites and prevent such change from happening. During the review period, the Secretariat received new files regarding 13 Ramsar Sites from other sources not yet confirmed by the Administrative Authority (compared to 17 Sites during the previous triennium).

Montreux Record

19. Of the 150 Article 3.2 files open on 21 February 2021 (**Annex 4a**), 47 (31%) were included in the Montreux Record. During the period under review, two Ramsar Sites were successfully removed from the Montreux Record in Germany (Wattenmeer, Ostfriesisches Wattenmeer & Dollart) and Senegal (Réserve Spéciale de Faune de Ndiàël). The rate at which issues at other Sites included in the Montreux Record are being resolved remains very slow. No Ramsar Site was newly added to the Record during the reporting period.
19. Resolution XIII.10 encourages Contracting Parties to continue to use the Montreux Record questionnaire at Annex 1 of the Resolution, to determine the inclusion of a listed Site in the Montreux Record or its removal from the Record (paragraph 19), and to consider when submitting a report in fulfilment of Article 3.2 whether the Site concerned would benefit from listing on the Montreux Record (paragraph 21).

Ramsar Advisory Missions

20. Resolution XIII.10 instructs the Secretariat to assist Contracting Parties in their actions in response to change or likely change in the ecological character of a Ramsar Site, for example by providing advice, when requested, on the application of the wise use principles, or, when relevant, proposing to Parties to add the Site to the Montreux Record or to invite a Ramsar Advisory Mission (paragraph 23).
21. During the period under review, four additional Ramsar Advisory Missions (RAM) were carried out: to **Italy** jointly with the World Heritage Convention (RAM 94; Laguna di Venezia: Valle Averte), to **Montenegro** jointly with the Convention on the Conservation of European Wildlife and Natural Habitats (RAM 89; Skadarsko Jezero), to the **Russian Federation** (RAM 93; Kurgalsky Peninsula), and to **Spain** jointly with the World Heritage Convention and IUCN (RAM 95; Doñana). The reports of RAM 89, 93 and 94 were published, and the Secretariat is following up with the Contracting Parties concerned how they implement the Recommendations provided by the RAMs, according to the requests formulated in Res. XIII.11. The report on RAM 92 (2017 to **Papua New Guinea**; Kutubu Lake) still needs to be finalized and published. During the reporting period, additional RAMs were prepared, but could not yet be undertaken, because of restrictions imposed by the Covid-19 pandemic. This concerns notably RAMs in preparation for **Malawi** (Lake Chilwa), **Nicaragua** (Sistema de Humedales de la Bahía de Bluefields), **North Macedonia** (Lake Prespa) and **Tunisia** (Sebkhet Sejoumi).

Annexes

1. Newly designated Ramsar Sites added to the List from 21 June 2018 to 21 February 2021..... 10
2. List of 159 Ramsar Sites for which 12 Parties provided updated Ramsar Information Sheets and maps between 21 June 2018 and 21 February 2021 13
- 3a. List of 33 Ramsar Sites for which either the RIS or an adequate map had not been submitted since designation, as of 21 February 2021 17
- 3b. List of Contracting Parties with the number of their Ramsar Sites and the number of Sites which have not been fully updated, as of 21 February 2021..... 18

4a. Status of Ramsar Sites with reports confirmed by Parties of human-induced negative changes having occurred, occurring or likely to occur (Article 3.2).....	22
4b. List of Ramsar Sites with reports from other sources, not confirmed by Parties, of human-induced negative changes	34

Annex 1

Newly designated Ramsar Sites added to the List from 21 June 2018 to 21 February 2021

The list of 102 newly designated Ramsar Sites includes 12 Sites with earlier designation dates than 21 June 2018.

Contracting Party	Site no.	Official name	Designation date	Area (ha)
Australia	2344	Glenelg Estuary and Discovery Bay Ramsar Site	28/02/2018	22,289
Brazil	2362	Rio Juruá	29/09/2018	2,136,489
Brazil	2363	Taiamã Ecological Station	21/10/2018	11,555
Burkina Faso	2366	Complexe d'Aires Protégées Pô-Nazinga-Sissili	27/10/2018	301,973
Burkina Faso	2367	Complexe du Parc Urbain Bāngr – Weoogo et du lac des trois barrages	02/02/2019	945
Burkina Faso	2400	Mare de Darkoye	27/02/2019	1,716
Burkina Faso	2401	Mare de Yomboli	27/02/2019	835
Burkina Faso	2439	Barrage de Samandéni	27/10/2020	68,202
Cambodia	2365	Stung Sen	02/11/2018	9,293
Chile	2361	Humedales Costeros de la Bahía Tongoy	21/11/2018	259
Chile	2423	Humedales de Monkul	22/05/2020	1,380
Chile	2424	Humedal del río Limarí, desde Salala hasta su desembocadura	21/07/2020	527
China	2346	Shandong Jining Nansi Lake	08/01/2018	50,762
China	2347	Gansu Yanchiwan Wetlands	08/01/2018	29,876
China	2348	Sichuan Changshagongma Wetlands	08/01/2018	669,800
China	2349	Hubei Wang Lake	08/01/2018	20,495
China	2350	Jilin Hani Wetlands	08/01/2018	3,572
China	2351	Inner Mongolia Grand Khingan Hanma Wetlands	08/01/2018	107,348
China	2352	Tibet Selincuo Wetlands	08/01/2018	1,893,630
China	2353	Heilongjiang Youhao Wetlands	08/01/2018	60,687
China	2425	Tianjin Beidagang Wetlands	03/02/2020	1,130
China	2426	Henan Minquan Yellow River Gudao Wetlands	03/02/2020	2,304
China	2427	Inner Mongolia Bila River Wetlands	03/02/2020	56,604
China	2428	Heilongjiang Hadong Yanjiang Wetlands	03/02/2020	9,974
China	2429	Gansu Yellow River Shouqu Wetlands	03/02/2020	132,067
China	2430	Tibet Trari Nam Co Wetlands	03/02/2020	142,982
China	2431	Jiangxi Poyang Lake Nanji Wetlands	03/02/2020	33,300
Colombia	2403	Complejo de Humedales del Alto Rio Cauca Asociado a la Laguna de Sonso	14/02/2017	5,525
Colombia	2404	Complejo de Humedales Urbanos del Distrito Capital de Bogotá	06/08/2018	667
El Salvador	2419	Complejo Los Cobanos	02/02/2019	21,312
France	2398	Etang de Saint-Paul	15/07/2019	485
France	2405	Vallées de la Scarpe et de l'Escaut	02/02/2020	27,622
Georgia	2434	Bugdashedeni Lake	08/07/2020	119
Georgia	2435	Madatapa Lake	08/07/2020	1,398
Germany	2444	Rosenheim Basin Bogs	07/12/2020	1,039
Honduras	2418	Sistema de Humedal Laguna de Alvarado	02/02/2019	13,846
India	2370	Sundarban Wetland	30/01/2019	423,000
India	2407	Nangal Wildlife Sanctuary	26/09/2019	116
India	2408	Beas Conservation Reserve	26/09/2019	6,429
India	2409	Sandi Bird Sanctuary	26/09/2019	309
India	2410	Nandur Madhameshwar	21/06/2019	1,437

Contracting Party	Site no.	Official name	Designation date	Area (ha)
India	2411	Sarsai Nawar Jheel	19/09/2019	161
India	2412	Nawabganj Bird Sanctuary	19/09/2019	225
India	2413	Saman Bird Sanctuary	02/12/2019	526
India	2414	Keshopur-Miani Community Reserve	26/09/2019	344
India	2415	Samaspur Bird Sanctuary	03/10/2019	799
India	2416	Parvati Arga Bird Sanctuary	02/12/2019	722
India	2436	Kabartal Wetland	21/07/2020	2,620
India	2437	Asan Conservation Reserve	21/07/2020	444
India	2440	Sur Sarovar	21/08/2020	431
India	2441	Lonar Lake	22/07/2020	427
India	2443	Tso Kar Wetland Complex	17/11/2020	9,577
Iran (Islamic Republic of)	2369	Zarivar	17/07/2016	2,186
Japan	2357	Kasai Marine Park	18/10/2018	367
Japan	2358	Shizugawa-wan	18/10/2018	5,793
Madagascar	2438	Mangroves de la Baie d'Ambaro	20/08/2020	54,000
Montenegro	2399	Ulcinj Salina	01/07/2019	1,477
Morocco	2371	Assifs Réghaya-Aït Mizane	16/04/2019	830
Morocco	2372	Haut Oued Lakhdar	16/04/2019	2,200
Morocco	2373	Cap Ghir-Imsouane	16/04/2019	6,800
Morocco	2374	Lacs d'Imouzzar du Kandar	16/04/2019	512
Morocco	2375	Oued Tizguite	16/04/2019	606
Morocco	2376	Assif Mgoun	16/04/2019	1,400
Morocco	2377	Côte Aftissate-Boujdour	16/04/2019	11,700
Morocco	2378	Assifs Ahançal-Melloul	22/05/2019	1,385
Morocco	2379	Côte des Bokkoyas	16/04/2019	5,530
Morocco	2380	Lagune et barrage de Smir	22/05/2019	837
Morocco	2381	Littoral de Jbel Moussa	16/04/2019	500
Morocco	2382	Oued Assaquia Al Hamra à La'youne	16/04/2019	9,500
Myanmar	2356	Inlay Lake Ramsar Site	10/08/2018	5,798
Myanmar	2421	Nanthar Island and Mayyu Estuary	22/05/2020	3,608
Netherlands	2355	Klein Curaçao	31/07/2018	249
New Zealand	2432	Wairarapa Moana Wetland	20/08/2020	10,547
Oman	2406	Al Ansab Wetland	22/03/2020	54
Philippines	2445	Sasmuan Pampanga Coastal Wetlands	02/02/2021	3,667
Republic of Korea	2359	Daebudo Tidal Flat	25/10/2018	453
Romania	2422	Jijia - Iasi Wetlands	13/02/2020	19,433
Serbia	2442	Djerdap	08/06/2020	66,525
South Africa	2383	Dassen Island Nature Reserve	29/03/2019	737
South Africa	2384	Dyer Island Provincial Nature Reserve and Geyser Island Provincial Nature Reserve	29/03/2019	288
South Africa	2385	Kgaswane Mountain Reserve	29/03/2019	4,952
Thailand	2420	Lower Songkhram River	15/05/2019	5,505
Ukraine	2387	Liadova-Murafa	04/04/2019	5,394
Ukraine	2388	Dnister River Valley	20/03/2019	820
Ukraine	2389	Black Bog	20/03/2019	15
Ukraine	2390	Narcissi Valley	20/03/2019	256
Ukraine	2391	Atak – Borzhavske	20/03/2019	283
Ukraine	2392	Nadsiannia Raised Bog	20/03/2019	37
Ukraine	2393	Burshtyn Water Reservoir	20/03/2019	1,260
Ukraine	2394	Ozirnyi-Brebeneskul	04/04/2019	1,657
Ukraine	2395	Prut River Headwaters	20/03/2019	4,935
Ukraine	2396	Romania-Friendship Cave	20/03/2019	0

Contracting Party	Site no.	Official name	Designation date	Area (ha)
Ukraine	2397	Pohorilets River Headwaters	20/03/2019	1,625
United Arab Emirates	2364	Jabal Ali Wetland Sanctuary	25/10/2018	2,002
United Arab Emirates	2368	Hatta Mountain Reserve	09/01/2019	2,100
United Arab Emirates	2386	Wasit Nature Reserve	09/05/2019	86
United Kingdom of Great Britain and Northern Ireland	2354	Sombrero Island Nature Reserve Marine Park	22/05/2018	1,051
United States of America	2345	Elkhorn Slough	25/06/2018	724
United States of America	2402	Niagara River Corridor	03/10/2019	5,248
United States of America	2417	Lower Wisconsin Riverway	14/02/2020	17,700
Uzbekistan	2433	Tudakul and Kuymazar Water Reservoirs	19/08/2020	32,000
Viet Nam	2360	Van Long Wetland Nature Reserve	10/02/2017	2,736

Annex 2

List of 159 Ramsar Sites for which 32 Parties provided updated Ramsar Information Sheets and maps between 21 June 2018 and 21 February 2021

The list does not include Sites for which the review of the RIS or map is in process but not yet completed.

Contracting Party	Site no.	Official name	Designation date	Area (ha)	Last publication date
Algeria	975	La Réserve Naturelle du Lac des Oiseaux	22/03/1999	120	09/05/2019
Algeria	1052	Chott Ech Chergui	02/02/2001	855,500	09/05/2019
Algeria	1055	Grande Sebkha d'Oran	02/02/2001	56,870	10/05/2019
Algeria	1056	Complexe de zones humides de la plaine de Guerbes-Sanhadja	02/02/2001	42,100	09/05/2019
Algeria	1057	La Vallée d'Iherir	02/02/2001	57,892	10/05/2019
Algeria	1058	Les Gueltates d'Issakarassene	02/02/2001	35,100	13/05/2019
Algeria	1061	Oasis de Tamantit et Sid Ahmed Timmi	02/02/2001	95,700	09/05/2019
Algeria	1293	Aulnaie de Aïn Khiair	04/06/2003	180	09/05/2019
Algeria	1294	Chott de Zehrez Chergui	04/06/2003	50,985	09/05/2019
Algeria	1298	Gueltates Afilal	06/04/2003	20,900	09/05/2019
Algeria	1300	Le Cirque de Aïn Ouarka	06/04/2003	2,350	26/08/2020
Algeria	1301	Marais de la Mekhada	06/04/2003	8,900	09/05/2019
Algeria	1304	Réserve Naturelle du Lac de Réghaïa	06/04/2003	842	09/05/2019
Algeria	1305	Tourbière du Lac Noir	06/04/2003	5	09/05/2019
Algeria	1414	Chott Aïn El Beïda	12/12/2004	6,853	10/05/2019
Algeria	1415	Chott El Beïdha-Hammam Essoukhna	12/12/2004	12,223	10/05/2019
Algeria	1417	Chott Sidi Slimane	12/12/2004	616	10/05/2019
Algeria	1420	Garaet Annk Djemel et El Merhsel	12/12/2004	18,140	09/05/2019
Algeria	1425	Les Salines d'Arzew	12/12/2004	5,778	13/05/2019
Algeria	1428	Sebkhet El Hamiet	12/12/2004	2,509	17/10/2019
Algeria	1894	Garaet Timerganine	18/12/2009	1,460	13/05/2019
Algeria	1960	Lac du barrage de Boughezoul	05/06/2011	9,058	10/05/2019
Argentina	759	Laguna de Llanquanelo	08/11/1995	91,365	20/02/2020
Argentina	1162	Lagunas y Esteros del Iberá	18/01/2002	24,550	21/02/2020
Australia	265	Kerang Wetlands	15/12/1982	9,784	15/07/2019
Australia	792	Shoalwater and Corio Bays Area	01/03/1996	202,023	09/08/2018
Australia	793	Ginini Flats Subalpine Bog Complex	01/03/1996	350	09/08/2018
Belarus	1927	Berezinsky Biosphere Reserve	25/01/2010	85,192	18/10/2019
Belarus	2138	Duleby Islands-Zaozerye	07/09/2012	30,772	27/01/2021
Belarus	2140	Sary Zhaden	07/09/2012	17,048	27/01/2021
Belarus	2141	Vigonoshchanskoe	16/01/2013	54,611	27/01/2021
Belarus	2195	Vydritsa	29/03/2013	17,403	27/01/2021
Belarus	2196	Kozyansky	29/03/2013	28,469	16/09/2020
Belarus	2197	Pripyatsky National Park	29/03/2013	88,553	16/09/2020
Benin	1017	Basse Vallée du Couffo, Lagune Côtière, Chenal Aho, Lac Ahémé	24/01/2000	524,289	16/10/2019
Benin	1018	Basse Vallée de l'Ouémé, Lagune de Porto-Novo, Lac Nokoué	24/01/2000	652,760	16/10/2019
Benin	1668	Site Ramsar du Complexe W	02/02/2007	926,927	10/09/2018
Benin	1669	Zone Humide de la Rivière Pendjari	02/02/2007	483,366	10/09/2018
Bosnia and Herzegovina	1105	Hutovo Blato	24/09/2001	7,824	24/09/2019

Contracting Party	Site no.	Official name	Designation date	Area (ha)	Last publication date
Brazil	602	Parque Nacional del Pantanal Matogrosense	24/05/1993	135,000	21/02/2020
Brazil	1020	Baixada Maranhense Environmental Protection Area	28/02/2000	1,775,036	17/02/2020
Brazil	1270	Private Reserve of Natural Heritage Sesc Pantanal (Reserva Particular do Patrimônio Natural SESC Pantanal)	06/12/2002	87,871	21/02/2020
Bulgaria	65	Ropotamo Complex	24/09/1975	3,385	20/01/2020
Bulgaria	292	Atanasovsko Lake	28/11/1984	1,995	20/01/2020
Bulgaria	293	Durankulak Lake	28/11/1984	1,371	20/01/2020
Bulgaria	801	Shabla Lake	13/03/1996	418	20/01/2020
Bulgaria	1228	Poda	24/09/2002	307	20/01/2020
Bulgaria	1230	Vaya Lake	11/11/2002	2,900	20/01/2020
Bulgaria	1970	Dragoman Marsh Karst Complex	11/02/2011	14,941	13/02/2020
Burkina Faso	492	Parc National du W	27/06/1990	311,471	10/09/2018
Burkina Faso	1884	Parc National d'Arly	07/10/2009	795,289	10/09/2018
Canada	399	Malpeque Bay	28/04/1988	24,440	17/02/2020
China	1438	Maidika	01/12/2004	43,496	08/07/2020
China	1728	Guangxi Beilun Estuary National Nature Reserve	02/02/2008	3,000	27/08/2019
Côte d'Ivoire	790	Parc National d'Azagny	27/02/1996	19,400	18/09/2018
Côte d'Ivoire	1584	Iles Ehotilé-Essouman	18/10/2005	27,274	18/09/2018
Croatia	582	Crna Mlaka Fishponds	02/11/1992	756	05/10/2020
Croatia	583	Nature Park Kopacki rit	02/11/1992	23,126	18/10/2019
Croatia	584	Lonjsko Polje Nature Park	02/11/1992	51,218	11/02/2020
Croatia	585	Neretva River Delta	02/11/1992	12,742	11/02/2020
Croatia	2109	Vransko Lake	02/02/2013	5,748	24/09/2019
Denmark GL	381	Aqajarua, Qaamassoq and Sullorsuaq	27/01/1988	26,440	15/05/2019
Denmark GL	382	Qinnquata Marraa and Kuussuaq	27/01/1988	7,000	15/07/2019
Denmark GL	383	Kuannersuit Kuussuat	27/01/1988	3,800	15/07/2019
Denmark GL	384	Kitsissunnguit	27/01/1988	6,910	15/05/2019
Denmark GL	385	Naternaq	27/01/1988	191,000	15/07/2019
Denmark GL	386	Eqalummiut Nunaat and Nassuttuup Nunaa	27/01/1988	582,002	15/05/2019
Denmark GL	387	Ikkattoq and adjacent archipelago	27/01/1988	44,880	15/07/2019
Denmark GL	388	Kitsissut Avalliit	27/01/1988	4,470	15/05/2019
Denmark GL	389	Heden	27/01/1988	261,852	15/05/2019
Denmark GL	390	Hochstetter Forland	27/01/1988	207,000	15/05/2019
Denmark GL	391	Kilen	27/01/1988	49,500	15/05/2019
Denmark GL	2021	Ørsted Dal, Pingel Dal and Enhjørningen Dal	08/06/2011	196,000	15/05/2019
Estonia	104	Matsalu	29/03/1994	48,610	20/10/2020
Estonia	905	Alam-Pedja	05/06/1997	34,220	13/07/2020
Estonia	907	Endla	05/06/1997	10,110	13/07/2020
Estonia	909	Muraka	05/06/1997	13,980	20/05/2020
Estonia	910	Nigula	05/06/1997	6,431	29/04/2020
Estonia	912	Soomaa	05/06/1997	39,639	20/05/2020
Estonia	913	Vilsandi	05/06/1997	23,760	20/10/2020
Estonia	1271	Laidevahe	24/03/2003	2,424	29/04/2020
Estonia	1748	Sookuninga	27/12/2007	5,869	20/05/2020

Contracting Party	Site no.	Official name	Designation date	Area (ha)	Last publication date
Estonia	1962	Luitemaa	27/01/2010	11,240	13/07/2020
Estonia	1997	Lihula	27/01/2010	6,620	13/07/2020
Estonia	1998	Leidissoo	27/01/2010	8,178	20/05/2020
Estonia	1999	Agusalu	27/01/2010	11,000	20/05/2020
Finland	10	Patvinsuo National Park	28/05/1974	12,727	18/01/2021
Finland	12	Koitelainen Mires	28/05/1974	48,938	18/01/2021
Finland	1529	River Luiro Mires	02/02/2004	12,345	18/01/2021
France	514	Etangs de la Champagne humide	05/04/1991	255,800	31/07/2019
France	518	La Brenne	05/04/1991	140,000	04/06/2019
France	1266	Tourbières et lacs de la Montagne jurassienne	02/02/2003	12,156	01/02/2021
France	1837	Réserve naturelle nationale des Terres australes francaises	15/09/2008	2,337,100	09/08/2018
Georgia	894	Ispani Mire	07/02/1997	783	29/04/2020
Hungary	1963	Fishponds and Marshlands south of Lake Balaton	09/06/2011	9,483	09/08/2018
Japan	2055	Lower Maruyama River and the Surrounding Rice Paddies	03/07/2012	1,094	17/10/2018
Madagascar	2048	Lac Kinkony	15/09/2011	12,800	08/10/2020
Madagascar	2049	Zone Humide de Mandrozo	05/06/2012	15,145	16/10/2019
Myanmar	2299	Gulf of Mottama	10/05/2017	161,030	01/02/2020
Netherlands	200	Het Pekelmeer	23/05/1980	1,612	18/10/2019
Norway	308	Ilene and Presterodkilen Wetland System	24/07/1985	216	09/07/2018
Norway	309	Jaeren wetland system	24/07/1985	3,085	09/07/2018
Norway	802	Nordre Tyrifjord Wetlands System	18/03/1996	322	09/07/2018
Norway	804	Lista Wetlands System	18/03/1996	1,173	09/07/2018
Norway	805	Giske Wetlands System	18/03/1996	553	09/07/2018
Norway	806	Harøya Wetlands System	18/03/1996	190	09/07/2018
Norway	809	Froan Nature Reserve and Landscape Protection Area	18/03/1996	49,097	09/07/2018
Norway	1198	Trondheimfjord wetland system	06/08/2002	1,846	09/07/2018
Norway	1951	Hedmarksvidda Wetland System	12/11/2010	4,742	09/07/2018
Norway	1952	Rott-Håstein-Kjør	12/11/2010	10,722	09/07/2018
Norway	1965	Sørkapp	12/11/2010	55,203	09/07/2018
Norway	1968	Nordenskiöldkysten	12/11/2010	42,992	09/07/2018
Norway	2155	Anda	27/05/2013	53	09/07/2018
Norway	2157	Horsvaer	27/05/2013	17,036	09/07/2018
Norway	2158	Horta	27/05/2013	3,158	09/07/2018
Norway	2159	Innherred Freshwater System	27/05/2013	182	09/07/2018
Norway	2163	Risøysundet	27/05/2013	504	09/07/2018
Norway	2165	West-Vikna Archipelago	27/05/2013	13,592	09/07/2018
Panama	1319	Bahía de Panamá	20/10/2003	85,665	19/02/2020
Poland	166	Luknajno Lake Nature Reserve	22/11/1977	1,189	11/02/2020
Poland	282	Warta River Mouth National Park	03/01/1984	7,956	23/07/2019
Poland	283	Swidwie Lake Nature Reserve	03/01/1984	891	24/01/2019
Poland	284	Karas Lake Nature Reserve	03/01/1984	815	11/02/2020
Poland	285	Lake of Seven Islands Nature Reserve	03/01/1984	1,763	11/02/2020
Poland	756	Biebrzanski National Park	24/10/1995	59,233	24/01/2019
Poland	757	Slowinski National Park	24/10/1995	32,744	24/01/2019
Poland	758	Milicz Fishponds Nature Reserve	24/10/1995	5,298	24/01/2019
Poland	1563	Druzno Lake Nature Reserve	29/10/2002	3,068	23/07/2019
Poland	1564	Narew River National Park	29/10/2002	6,810	24/01/2019

Contracting Party	Site no.	Official name	Designation date	Area (ha)	Last publication date
Poland	1565	Poleski National Park	29/10/2002	9,762	24/01/2019
Poland	1566	Krkonoše/Karkonosze Subalpine peatbogs	29/10/2002	40	24/09/2019
Poland	1567	Wigry National Park	29/10/2002	15,085	24/01/2019
Senegal	139	Réserve Spéciale de Faune de Ndiaël	11/07/1977	26,000	11/09/2018
Senegal	338	Réserve Spéciale de Faune de Gueumbeul	29/09/1986	720	11/09/2020
Serbia	1656	Pestersko polje	19/03/2006	3,421	11/02/2020
Spain	454	L'Albufera	05/12/1989	20,956	14/07/2020
Spain	455	El Hondo	05/12/1989	2,387	14/07/2020
Spain	456	Lagunas de La Mata y Torrevieja	05/12/1989	3,717	14/07/2020
Spain	457	Salinas de Santa Pola	05/12/1989	2,491	14/07/2020
Spain	458	Prat de Cabanes-Torreblanca	05/12/1989	848	14/07/2020
Spain	708	Marjal de Pego-Oliva	04/10/1994	1,255	14/07/2020
Spain	2338	Marjal de Almenara	17/11/2017	1,474	14/07/2020
Sweden	14	Falsterbo-Foteviken	05/12/1974	7,851	18/09/2018
Sweden	17	Ottenby	05/12/1974	1,856	09/07/2018
Sweden	18	Ölands ostkust	05/12/1974	10,718	09/07/2018
Sweden	19	Getterön	05/12/1974	450	18/09/2018
Sweden	21	Gotlands ostkust	05/12/1974	4,964	18/09/2018
Sweden	430	Träslövsläge-Morups Tånge	12/06/1989	1,976	18/09/2018
Sweden	1118	Emån	14/11/2001	1,527	09/07/2018
Sweden	1119	Fylleån	14/11/2001	806	18/09/2018
Sweden	1124	Mossaträsk-Stormyran	14/11/2001	914	18/09/2018
Sweden	1127	Skälderviken	14/11/2001	1,463	18/09/2018
Sweden	1128	Svensksundsviken-Ållonöfjärden	14/11/2001	3,529	18/09/2018
Sweden	2170	Gustavsmurarna-Tröskens rikkärr	19/03/2013	660	18/09/2018
Sweden	2173	Mellanljusnan	19/03/2013	1,711	18/09/2018
Switzerland	504	Les Grangettes	09/11/1990	6,342	09/07/2018
Switzerland	507	Klingnauer Stausee	09/11/1990	364	09/07/2018
Switzerland	1446	Vadret da Roseg	02/02/2005	383	09/07/2018
Ukraine	775	Shatsk Lakes	23/11/1995	32,850	26/08/2020

Annex 3a

List of 33 Ramsar Sites for which either the RIS or an adequate map had not been submitted since designation, as of 21 February 2021

Contracting Party	Site no.	Official name	Designation date	RIS	Map
Azerbaijan	1075	Agh-Ghol	21/05/2001	no	no
Azerbaijan	1076	Ghizil-Agaj	21/05/2001	yes	no
Central African Republic	1590	Les Rivières de Mbaéré-Bodingué	05/12/2005	no	no
Democratic People's Republic of Korea	2342	Mundok Migratory Bird Reserve	16/01/2018	no	yes
Democratic People's Republic of Korea	2343	Rason Migratory Bird Reserve	16/01/2018	no	yes
Djibouti	1239	Haramous-Loyada	22/03/2003	no	no
France	346	Camargue	01/12/1986	yes	no
Germany	174	Unteres Odertal, Schwedt	31/07/1978	no	no
Germany	175	Peitzer Teichgebiet	31/07/1978	no	no
India	463	Loktak Lake	23/03/1990	yes	no
India	464	Sambhar Lake	23/03/1990	yes	no
Iran, Islamic Republic of	39	Neiriz Lakes and Kamjan Marshes	23/06/1975	yes	no
Iran, Islamic Republic of	42	Hamun-e- Saberi and Hamun-e-Helmand	23/06/1975	yes	no
Ireland	840	Bannow Bay	11/06/1996	no	yes
Ireland	841	Trawbreaga Bay	11/06/1996	no	yes
Ireland	842	Cummeen Strand	11/06/1996	no	yes
Kazakhstan	108	Lakes of the lower Turgay and Irgiz	11/10/1976	yes	no
Kuwait	2239	Mubarak Al-Kabeer Reserve	05/05/2015	no	yes
Netherlands	198	Het Spaans Lagoen	23/05/1980	no	yes
Pakistan	97	Thanedar Wala Game Reserve	23/07/1976	yes	no
Pakistan	98	Tanda Dam	23/07/1976	yes	no
Pakistan	99	Kinjhar (kalri) Lake	23/07/1976	yes	no
Pakistan	100	Drigh Lake	23/07/1976	yes	no
Pakistan	101	Haleji Lake	23/07/1976	yes	no
Pakistan	818	Uchhali Complex	22/03/1996	yes	no
Papua New Guinea	961	Lake Kutubu	22/09/1998	yes	no
Papua New Guinea	591	Tonda Wildlife Management Area	16/03/1993	yes	no
Sao Tome and Principe	1632	Ilots Tinhosas	21/08/2006	no	no
Tajikistan	1082	Karakul Lake	18/07/2001	no	yes
Tajikistan	1083	Kayrakum Reservoir	18/07/2001	no	yes
Tajikistan	1084	Lower part of Pyandj River	18/07/2001	no	yes
Tajikistan	1085	Shorkul and Rangkul Lakes	18/07/2001	no	yes
Tajikistan	1086	Zorkul Lake	18/07/2001	no	yes

Annex 3b

List of Contracting Parties with the number of their Ramsar Sites and the number of Sites which have not been fully updated, as of 21 February 2021

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ²	Sites for which the Secretariat has received updated information ³
Albania	4	4	0
Algeria	50	0	0
Andorra	3	3	0
Antigua and Barbuda	1	1	0
Argentina	23	14	5
Armenia	3	3	0
Australia	66	40	21
Austria	23	1	22
Azerbaijan	2	2	0
Bahamas	1	0	1
Bahrain	2	2	0
Bangladesh	2	2	0
Barbados	1	1	0
Belarus	26	0	0
Belgium	9	7	0
Belize	2	2	0
Benin	4	0	0
Bhutan	3	2	0
Bolivia (Plurinational State of)	11	11	0
Bosnia and Herzegovina	3	2	0
Botswana	1	0	1
Brazil	27	0	11
Bulgaria	11	4	0
Burkina Faso	25	0	0
Burundi	4	4	0
Cabo Verde	4	1	0
Cambodia	5	3	0
Cameroon	7	7	0
Canada	37	2	35
Central African Republic	2	2	0
Chad	6	6	0
Chile	16	7	5
China	64	0	40
Colombia	9	4	1
Comoros	3	3	0
Congo	14	8	0
Costa Rica	12	1	11
Côte d'Ivoire	6	4	0
Croatia	5	0	0
Cuba	6	0	6

² Not including Sites for which information had been received by the Secretariat (next column). This column includes Ramsar Sites for which the period since updating reached six years on 21 February 2021.

³ Sites for which the Administrative Authorities had submitted online an updated RIS that was being processed by the Secretariat during the reporting period and for which further information or clarification had been requested from the Contracting Party.

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ²	Sites for which the Secretariat has received updated information ³
Cyprus	1	1	0
Czech Republic	14	14	0
Democratic People's Republic of Korea	2	0	0
Democratic Republic of the Congo	4	2	0
Denmark	43	3	28
Djibouti	1	1	0
Dominican Republic	4	3	0
Ecuador	19	9	9
Egypt	4	4	0
El Salvador	8	3	4
Equatorial Guinea	3	2	1
Estonia	17	0	4
Eswatini	3	0	0
Fiji	2	1	0
Finland	49	8	38
France	50	28	9
Gabon	9	0	1
Gambia	3	3	0
Georgia	4	1	0
Germany	35	7	27
Ghana	6	0	0
Greece	10	10	0
Grenada	1	1	0
Guatemala	7	5	2
Guinea	16	7	6
Guinea-Bissau	4	2	0
Honduras	11	3	6
Hungary	29	0	0
Iceland	6	6	0
India	42	12	14
Indonesia	7	3	4
Iran (Islamic Republic of)	25	21	3
Iraq	4	1	0
Ireland	45	34	11
Israel	2	2	0
Italy	56	52	0
Jamaica	4	2	2
Japan	52	42	0
Jordan	2	1	0
Kazakhstan	10	10	0
Kenya	6	6	0
Kiribati	1	1	0
Kuwait	1	0	0
Kyrgyzstan	3	3	0
Lao People's Democratic Republic	2	2	0
Latvia	6	0	6
Lebanon	4	4	0
Lesotho	1	0	1
Liberia	5	5	0
Liechtenstein	1	1	0

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ²	Sites for which the Secretariat has received updated information ³
Lithuania	7	7	0
Luxembourg	2	2	0
Madagascar	21	0	0
Malawi	2	0	1
Malaysia	7	4	2
Mali	4	4	0
Malta	2	2	0
Marshall Islands	2	2	0
Mauritania	4	4	0
Mauritius	3	3	0
Mexico	142	139	3
Monaco	1	1	0
Mongolia	11	0	11
Montenegro	3	2	0
Morocco	38	14	10
Mozambique	2	1	0
Myanmar	6	0	1
Namibia	5	5	0
Nepal	10	9	0
Netherlands	55	34	3
New Zealand	7	6	0
Nicaragua	9	1	8
Niger	12	0	0
Nigeria	11	11	0
North Macedonia	2	2	0
Norway	63	0	0
Oman	2	0	0
Pakistan	19	19	0
Palau	1	1	0
Panama	5	4	0
Papua New Guinea	2	0	2
Paraguay	6	6	0
Peru	13	10	3
Philippines	8	3	3
Poland	19	0	0
Portugal	31	31	0
Republic of Korea	23	3	12
Republic of Moldova	3	3	0
Romania	20	16	3
Russian Federation	35	35	0
Rwanda	1	0	0
Saint Lucia	2	2	0
Samoa	2	1	0
Sao Tome and Principe	1	1	0
Senegal	8	0	2
Serbia	11	8	1
Seychelles	3	3	0
Sierra Leone	1	1	0
Slovakia	14	3	11
Slovenia	3	3	0

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ²	Sites for which the Secretariat has received updated information ³
South Africa	26	1	20
South Sudan	1	1	0
Spain	75	68	0
Sri Lanka	6	5	1
State of Libya	2	2	0
Sudan	3	1	2
Suriname	1	1	0
Sweden	68	0	0
Switzerland	11	0	0
Syrian Arab Republic	1	1	0
Tajikistan	5	5	0
Thailand	15	0	14
Togo	4	4	0
Trinidad and Tobago	3	3	0
Tunisia	41	25	12
Turkey	14	12	2
Turkmenistan	1	1	0
Uganda	12	2	10
Ukraine	50	28	3
United Arab Emirates	10	4	1
United Kingdom of Great Britain and Northern Ireland	175	170	4
United Republic of Tanzania	4	4	0
United States of America	41	30	6
Uruguay	3	1	1
Uzbekistan	3	2	0
Venezuela (Bolivarian Republic of)	5	5	0
Viet Nam	9	6	0
Yemen	1	1	0
Zambia	8	8	0
Zimbabwe	7	0	1
Grand Total	2416	1276	488

Annex 4a

Status of Ramsar Sites with reports confirmed by Parties of human-induced negative changes having occurred, occurring or likely to occur (Article 3.2)

Open files where the Secretariat had received updates and followed up on information from the Administrative Authority. The list contains Article 3.2 files which were open on 21 February 2021, and files which were closed between 21 June 2018 and 21 February 2021.

*** 36 files with no update received from the Administrative Authority for five years or more (since 2015)*

** 57 files with no update received from the Administrative Authority for two years or more (since 2018)*

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
781	Albania	Karavasta Lagoon ecosystem*	05/04/2017			Tourist resort development.	Awaiting update (2017)	other ⁴
1,290	Albania	Butrint**	12/10/2009			Urban developments, fish farm, new road.	Awaiting update (2013)	other
1,598	Albania	Lake Shkodra and River Buna**	14/03/2008			Urban developments, removal of vegetation.	Awaiting update (2013)	other
280	Algeria	Réserve Intégrale du Lac Oubeïra*	02/02/2017			Introduction of fish and disappearance of certain plants	Awaiting update (2017)	AA
1,056	Algeria	Complexe de zones humides de la plaine de Guerbes-Sanhadja*	01/02/2016			Encroachment and agriculture extension.	Awaiting update (2017)	other
759	Argentina	Laguna de Llanquanelo	02/07/2001		X	Oil activities, invasive species and transbasin diversion of Rio Grande to Atuel river.	Update (2021)	other
620	Armenia	Lake Sevan**	01/01/2010			Organic pollution of water, fish stocks diminished.	Awaiting update (2013)	AA
286	Australia	Towra Point	17/08/2017			Declines in the area of saltmarsh, shorebird species, and breeding little terns.	Awaiting update (2020)	AA
321	Australia	The Coorong, Lake Alexandrina & Albert Wetland	13/05/2007			Deteriorating water flows.	Awaiting update (2020)	AA
337	Australia	Macquarie Marshes	20/07/2009			Reduction in inundation frequency and declines of key vegetation communities.	Awaiting update (2020)	AA

⁴ other: First reported by a third party and confirmed by the Administrative Authority. AA: First reported by the Administrative Authority.

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
993	Australia	Gwydir Wetlands: Gingham and Lower Gwydir Watercourses	23/09/2003			Illegal land-use activities and low flows during drought.	Awaiting update (2020)	AA
272	Austria	Donau-March-Thaya-Auen**	04/07/1990		X	Planned transport infrastructures. RAM 22 (April 1991).	Awaiting update (2010)	AA
532	Austria	Pürgschachen Moor*	27/11/2015			Hydrological management (drains and excavation pond).	Awaiting update (2016)	AA
1,091	Belarus	Olmany Mires Zakaznik	07/09/2018			Power lines construction.	Awaiting update (2020)	other
327	Belgium	Schorren van de Beneden Schelde**	22/12/1987		X	Lowering of the water table and eutrophication. RAM 1 (Feb 1988).	Awaiting update (2012)	AA
329	Belgium	De Ijzerbroeken te Diksmuide en Lo-Reninge**	30/06/2005		X	Depleted water quantity and quality.	Awaiting update (2012)	AA
1,562	Belize	Sarstoon Temash National Park**	20/05/2009			Seismic testing for oil and natural gas.	Awaiting update (2013)	other
1,017	Benin	Basse Vallée du Couffo, Lagune Côtière, Chenal Aho, Lac Ahémé	10/04/2017			2017: construction of hotels 2018: high fish mortality.	Awaiting update (2019)	AA
489	Bolivia (Plurinational State of)	Los Lípez*	29/07/2016			Water diversion.	Awaiting update (2018)	AA
1,105	Bosnia and Herzegovina	Hutovo Blato	31/08/2010	24/08/2019		New road crossing the RS, bird poaching, urban developments.	Closed (2019)	other
64	Bulgaria	Srébarna*	02/04/1992		X	Erosion of river bed, eutrophication, vegetation succession. RAM 28 (April 92). RAM 47 (October 01).	Awaiting update (2017)	AA
293	Bulgaria	Durankulak Lake*	16/06/1993		X	Eutrophication, fish and poultry farming. Water over-abstraction.	Awaiting update (2017)	AA
222	Chile	Carlos Anwandter Sanctuary	06/10/2006		X	Mortality of swans related to industrial waste water discharge.	Awaiting update (2019)	AA
877	Chile	Complejo Lacustre Laguna del Negro Francisco y Laguna Santa Rosa	28/08/2014			Change in ecological character by mining activities	Awaiting update (2019)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
951	Colombia	Sistema Delta Estuarino del Río Magdalena, Ciénaga Grande de Santa Marta*	23/03/2015		X	Agriculture, and water diversion.	Awaiting update (2018)	AA
1,740	Congo	Cayo-Loufoualeba**	01/01/2010			Extractive industry.	Awaiting update (2012)	other
540	Costa Rica	Palo Verde	16/06/1993		X	Agriculture and cattle ranching in the surrounding area.	Awaiting update (2020)	AA
811	Costa Rica	Humedal Caribe Noreste**	15/11/2010			Operating of artificial channels.	Awaiting update (2015)	AA
1,583	Côte d'Ivoire	Grand Bassam	14/08/2014			Palm tree plantation.	Awaiting update (2019)	other
582	Croatia	Crna Mlaka Fishponds*	10/04/2016			Termination of the Crna Mlaka fishery production.	Awaiting update (2016)	other
583	Croatia	Nature Park Kopacki rit **	29/03/2005		X	Deforestation, drainage, poaching. RAM 55 (September 2005).	Awaiting update (2012)	other
585	Croatia	Neretva River Delta**	01/01/2003			Planned hydropower plants, irrigation projects, urban developments, reed burning, illegal hunting.	Awaiting update (2012)	AA
494	Czech Republic	Šumavská rašelinište**	01/04/2011			Management practices, reduction of non-intervention areas, increased logging activities. RAM 44 (June 2001).	Awaiting update (2012)	other
495	Czech Republic	Trebonské rybníky**	01/01/1994		X	Intensive fish farming, eutrophication, hunting, habitat destruction.	Awaiting update (2012)	AA
635	Czech Republic	Mokradý dolního Podyjí*	01/01/1999		X	Planned navigation canal.	Awaiting update (2018)	AA
638	Czech Republic	Litovelské Pomoraví*	01/01/1997		X	Overexploitation of the aquifer, plans for a navigation canal.	Awaiting update (2018)	AA
639	Czech Republic	Poodří*	01/01/1999		X	Planned navigation canal.	Awaiting update (2018)	AA
787	Democratic Republic of the Congo	Parc national des Virunga*	01/03/2014		X	Oil exploration scheme within the Park.	Awaiting update (2017)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
788	Democratic Republic of the Congo	Parc national des Mangroves*	01/01/2009		X	Port construction work.	Awaiting update (2016)	other
141	Denmark	Ringkøbing Fjord	01/01/1990		X	Eutrophication leads to decrease of waterbirds. RAM 36 (September 1996).	Awaiting update (2020)	AA
143	Denmark	Nisum Fjord	17/11/2009			Eutrophication leads to decrease of waterbirds.	Update (2021)	other
146	Denmark	Ulvedybet and Nibe Bredning	17/11/2009	10/12/2020		Increasing eutrophication leads to decrease of populations of staging and wintering waterbirds.	Closed (2020)	other
356	Denmark	Vadehavet	17/11/2009	10/12/2020		Drainage and agricultural intensification, destruction of meadows.	Closed (2020)	other
389	Denmark	Heden**	28/04/2008			Construction of a road, runway and harbour in the geese moulting area. RAM 61 (June 2009).	Awaiting update (2011)	other
407	Egypt	Lake Bardawil*	04/07/1990		X	Closing of channels between the lagoon and the sea	Awaiting update (2016)	other
408	Egypt	Lake Burullus*	04/07/1990		X	Siltation, drainage and pollution.	Awaiting update (2017)	other
893	Georgia	Wetlands of Central Kolkheti**	27/07/2005			Oil terminal and railway construction. RAM 54 (August 2005).	Awaiting update (2010)	AA
82	Germany	Wattenmeer, Ostfriesisches Wattenmeer & Dollart	04/07/1990	03/03/2020		Dike plans. RAM 19 (September 1990).	Removed from Montreux Record (2020)	AA
561	Germany	Mühlenberger Loch**	23/01/2001			Reduction of the site due to industrial expansion. RAM 46 (September 2001).	Awaiting update (2010)	AA
55	Greece	Lake Vistonis, Porto Lagos, Lake Ismaris & adjoining lagoons*	05/07/1990		X	Agricultural, domestic and industrial runoff, increase of salinity, urban developments.	Awaiting update (2016)	other
56	Greece	Nestos delta & adjoining lagoons*	07/07/1990		X	Decreasing groundwater levels.	Awaiting update (2016)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
57	Greece	Lakes Volvi & Koronia*	06/07/1990		X	Pollution from agricultural, domestic and industrial runoff.	Awaiting update (2016)	other
59	Greece	Axios, Loudias, Aliakmon Delta*	04/07/1990		X	Pollution, dam and irrigation networks, considerably altered river hydrology.	Awaiting update (2016)	other
61	Greece	Amvrakikos gulf*	04/07/1990		X	Increased salinity and depleted water levels due to irrigation.	Awaiting update (2016)	other
62	Greece	Messolonghi lagoons*	07/07/1990		X	Construction works, overgrazing, illegal fishing, urban developments, waste disposal.	Awaiting update (2016)	other
63	Greece	Kotychi lagoons*	04/07/1990		X	Illegal hunting, agricultural runoff, pollution, overgrazing.	Awaiting update (2016)	other
488	Guatemala	Parque Nacional Laguna del Tigre	16/06/1993		X	Extractions, including logging, oil related activities, hunting, settlement of communities.	Awaiting update (2020)	AA
1,163	Guinea	Niger-Mafou*	01/03/2014			Mining.	Awaiting update (2016)	AA
1,164	Guinea	Niger-Niandan-Milo*	01/03/2014			Mining.	Awaiting update (2016)	AA
1,165	Guinea	Niger Source*	01/03/2014			Mining.	Awaiting update (2016)	AA
1,166	Guinea	Niger-Tinkisso*	01/03/2014			Mining.	Awaiting update (2016)	AA
1,167	Guinea	Sankarani-Fié*	01/03/2014			Mining.	Awaiting update (2016)	AA
1,168	Guinea	Tinkisso*	01/03/2014			Mining.	Awaiting update (2016)	AA
722	Honduras	Parque Nacional Jeanette Kawas	19/06/2006			Construction of tourism infrastructure.	Awaiting update (2020)	other
422	Hungary	Bodrozug	10/11/2016			Increased flood and drought management, land use patterns, invasive alien species, siltation and eutrophication.	Awaiting update (2020)	AA
899	Hungary	Rétszilas Fishponds Nature Conservation Area	30/03/2017			Decline in breeding birds.	Awaiting update (2020)	AA
1,410	Hungary	Upper Tisza (Felső-Tisza)	10/11/2016			Water quality decline, extreme water fluctuations, invasive alien species, reduction of forest, decline of grasslands.	Awaiting update (2020)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
167	Iceland	Myvatn-Laxá region**	22/04/2010			Plans to build a new dam, geothermal infrastructure, urban developments and tourism pressures. RAM 76 (August 2013).	Awaiting update (2013)	AA
230	India	Keoladeo National Park**	04/07/1990		X	Water shortfall due to dam upstream.	Awaiting update (2008)	AA
463	India	Loktak Lake**	16/06/1993		X	Deforestation in the catchment area, invasive water hyacinth and pollution.	Awaiting update (2008)	AA
554	Indonesia	Berbak National Park*	23/11/2015			Peat and forest fires of 2015. RAM 85 (March 2018)	Awaiting update (2018)	AA
38	Iran (Islamic Republic of)	Lake Urmia [or Orumiyeh]*	05/09/2011			Lake is drying out because of mismanagement of water resources.	Awaiting update (2016)	AA
39	Iran (Islamic Republic of)	Neiriz Lakes & Kamjan Marshes**	04/07/1990		X	Drainage of water from site, agricultural activities	Awaiting update (2008)	AA
40	Iran (Islamic Republic of)	Anzali Wetland Complex*	31/12/1993		X	Changing water levels, eutrophication, hunting, outbreak of water hyacinth.	Awaiting update (2016)	AA
41	Iran (Islamic Republic of)	Shadegan Marshes & mudflats of Khor-al Amaya & Khor Musa**	16/06/1993		X	Chemical pollution, proposed drainage for agriculture.	Awaiting update (2008)	AA
42	Iran (Islamic Republic of)	Hamun-e-Saberi & Hamun-e-Helmand**	04/07/1990		X	Insufficient water flow.	Awaiting update (2014)	AA
44	Iran (Islamic Republic of)	Hamun-e-Puzak, south end**	04/07/1990		X	Insufficient water flow.	Awaiting update (2014)	AA
45	Iran (Islamic Republic of)	Shurgol, Yadegarlu & Dorgeh Sangi Lakes*	04/07/1990		X	Contamination by military action.	Awaiting update (2016)	AA
49	Iran (Islamic Republic of)	Alagol, Ulmagol and Ajigol Lakes**	25/08/2011			Railway track construction.	Awaiting update (2011)	other
53	Iran (Islamic Republic of)	Gavkhouni Lake and marshes of the lower Zaindeh Rud*	01/02/2016			Water over-extraction and agricultural pollution.	Awaiting update (2016)	AA
1,718	Iraq	Hawizeh Marsh*	28/04/2010		X	Construction of dams upstream, oil exploration.	Awaiting update (2017)	AA
846	Ireland	Lough Corrib	27/06/2012			Peat extraction.	Awaiting update (2020)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
133	Italy	Stagno di Molentargius**	22/05/2012			Drying out due to wrong management.	Awaiting update (2012)	other
190	Italy	Laguna di Marano: Foci dello Stella**	27/01/2009			Erosion of salt marshes decrease in wintering birds.	Awaiting update (2012)	other
423	Italy	Laguna di Venezia: Valle Averte	15/07/2014			Plans for a deep water shipping channel. RAM 80 (October 2015) RAM 94 (January 2020).	Update (2021)	other
1,454	Jamaica	Palisadoes - Port Royal	15/10/2010	26/09/2019		Constructing of a highway.	Closed (2019)	other
1,597	Jamaica	Portland Bight Wetlands and Cays	19/09/2013	26/09/2019		Port construction.	Closed (2019)	other
135	Jordan	Azraq Oasis*	04/07/1990		X	Increased water abstraction.	Awaiting update (2017)	other
108	Kazakhstan	Lakes of the lower Turgay and Irgiz**	18/11/2011			Infrastructure causes decrease in water supply.	Awaiting update (2011)	other
1,231	Kyrgyzstan	The Issyk-kul State Nature Reserve with the Issyk-kul Lake**	12/11/2002			Inadequate waste water treatment.	Awaiting update (2014)	AA
1,588	Kyrgyzstan	Chatyr Kul**	01/11/2012			Overgrazing, illegal fishing and inadequate tourism management.	Awaiting update (2014)	AA
1,631	Liberia	Mesurado Wetlands	12/08/2020			Oil spill, industrial waste, urban encroachment.	Awaiting update (2020)	AA
869	Malawi	Lake Chilwa	01/08/2013			Mineral extraction.	RAM requested and in preparation (2020)	AA
1,287	Malaysia	Pulau Kukup*	10/04/2014			Proposed ship-to-ship crude oil transfer.	Awaiting update (2017)	other
1,288	Malaysia	Sungai Pulai	10/04/2014			Consructions, new bridgen water pollution, impact on indigenous peoples.	Awaiting update (2019)	other
1,289	Malaysia	Tanjung Piai*	10/04/2014			Shoreline erosion.	Awaiting update (2017)	other
1,744	Mauritius	Blue Bay Marine Park	14/08/2020			Oil spill.	Awaiting update (2020)	AA
1,988	Mauritius	Pointe d'Esny Wetland	06/08/2020			Oil spill.	Awaiting update (2020)	other
732	Mexico	Marismas Nacionales*	05/08/2014			Hydroelectric project.	Awaiting update (2017)	AA
1,346	Mexico	Parque Nacional Sistema Arrecifal Veracruzano*	24/09/2013			Proposal to expand port.	Awaiting update (2017)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
784	Montenegro	Skadarsko Jezero	24/12/2009			2009: pollution by an aluminium plant, bird disturbance and poaching. 2018: hotel construction. RAM 56 (October 2005) RAM 89 (June 2018).	Awaiting update (2020)	other
1,138	Nicaragua	Refugio de Vida Silvestre Río San Juan	30/11/2010			Project for waterway improvement.	Awaiting update (2019)	AA
1,139	Nicaragua	Sistema de Humedales de la Bahía de Bluefields	15/01/2007		X	Proposed construction of an all-weather road.	Update (2021)	AA
1,140	Nicaragua	Sistema de Humedales de San Miguelito	23/10/2014			Interoceanic Nicaragua Channel. RAM planned.	RAM requested and in preparation (2021)	AA
1,073	Niger	Zone humide du moyen Niger*	07/12/2016			Development adjacent to the Ramsar site.	Awaiting update (2017)	AA
1,383	Niger	Zone Humide du Moyen Niger II	07/01/2021			Development project.	Update (2021)	AA
726	North Macedonia	Lake Prespa	28/03/2006			Eutrophication, water level decrease. RAM requested.	RAM requested and in preparation (2021)	AA
13	Norway	Åkersvika	01/03/2007	02/01/2020		Planned road expansion. RAM 64 (April 2010).	Closed (2020)	other
305	Norway	Øra	02/01/2020			Dredging activities.	Update (2021)	AA
307	Norway	Nordre Oyeren	27/11/2015			Raising of water level during spring migration.	Update (2021)	other
308	Norway	Ilene and Presterodkilen Wetland System	21/01/2005			New Railway and road system plans..	Update (2021)	AA
308	Norway	Ilene and Presterodkilen Wetland System	02/08/2018	02/01/2020		Pollution accident.	Closed (2020)	AA
309	Norway	Jaeren wetland system	15/04/2020	24/05/2020		Manure pollution accident.	Closed (2020)	AA
310	Norway	Ørland Wetland System	18/07/2012	02/01/2020		Air base extension.	Closed (2020)	other
802	Norway	Nordre Tyrifjord Wetlands System	03/03/2013			Planned road and railway line. RAM 79 (July 2015).	Update (2021)	AA
805	Norway	Giske Wetlands System	01/03/2012	02/01/2020		Shelterbelt planting, building and overgrowing.	Closed (2020)	AA
806	Norway	Harøya Wetlands System	25/01/2021			Construction of offshore wind farm.	Update (2021)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
809	Norway	Froan Nature Reserve and Landscape Protection Area	19/03/2004	02/01/2020		Fish farm potentially affecting site's ecological character.	Closed (2020)	other
1,197	Norway	Tanamunningen	19/08/2019			Dredging activities.	Update (2021)	AA
1,949	Norway	Evenes wetland system	10/10/2019			Airport extension and plane noise pollution.	Update (2021)	other
2,164	Norway	Runde	19/01/2021			Construction of offshore wind farm.	Update (2021)	other
99	Pakistan	Kinjhar Lake**	05/02/2009			Industrial waste, decline in waterbirds and water quality.	Awaiting update (2009)	other
101	Pakistan	Haleji Lake**	14/04/2009			Plan to develop water drain.	Awaiting update (2009)	other
1,067	Pakistan	Jubho Lagoon**	18/12/2008			Water pollution.	Awaiting update (2009)	other
656	Philippines	Olango Island Wildlife Sanctuary*	01/08/2012			Proposed land reclamation.	Awaiting update (2017)	AA
2,124	Philippines	Las Piñas-Parañaque Critical Habitat and Ecotourism Area (LPPCHEA)*	13/02/2014			Proposed land reclamation.	Awaiting update (2017)	AA
2,209	Republic of Korea	Songdo Tidal Flat	26/06/2020			Highway bypass construction plan.	Awaiting update (2020)	other
521	Romania	Danube Delta**	18/08/2004			Reopening of waterway (Bistroe channel). RAM 53 (October 2003), follow-up mission (April 2005).	Awaiting update (2014)	AA
1,074	Romania	Small Island of Braila**	28/04/2005			Works to improve navigation.	Awaiting update (2009)	AA
2,065	Romania	Olt - Danube Confluence **	10/07/2012			Dam construction plans.	Awaiting update (2012)	other
690	Russian Federation	Kurgalsky Peninsula	05/10/2017			Nord Stream 2 gas pipeline construction. RAM 93 (November 2019)	Awaiting update (2020)	other
139	Senegal	Réserve Spéciale de Faune de Ndiaël	01/01/2009	13/10/2018		Agro-industrial development projects.	Removed from MR (2018)	AA
1,392	Serbia	Slano Kopovo	01/11/2006	28/08/2019		Water deficit result of human activities.	Closed (2019)	other
1,014	Sierra Leone	Sierra Leone River Estuary	27/01/2013			Urban development.	Awaiting update (2020)	other
929	Slovakia	Orava River and its Tributaries*	27/04/2017			Arsenic pollution.	Awaiting update (2017)	other
586	Slovenia	Secoveljske soline**	05/03/2007			Illegal hunting.	Awaiting update (2008)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
991	Slovenia	Skocjanske Jame**	27/04/2007			Implementation of the national location plan for drinking water supply.	Awaiting update (2007)	other
343	South Africa	Blesbokspruit	01/01/1996		X	Underground mine water pollution.	Awaiting update (2019)	AA
526	South Africa	Orange River Mouth	01/01/2009		X	Diamond mining and dam construction.	Awaiting update (2020)	AA
234	Spain	Doñana	04/07/1990		X	Water abstraction, pollution, tourism pressure, gas storage. RAM 51 (Oct 2002) RAM 70 (Jan 2011) RAM 95 (February 2020).	Update (2021)	other
235	Spain	Las Tablas de Daimiel*	01/01/2009		X	Over-exploitation of the aquifer. RAM 2 (March 1988)	Awaiting update (2017)	other
449	Spain	S'Albufera de Mallorca*	01/04/2009			Golf course development, water quality. RAM 68 (October 2010).	Awaiting update (2018)	other
454	Spain	L'Albufera	16/03/2004	24/08/2018		Urban developments. RAM 58 (December 2006)	Closed (2018)	other
592	Spain	Aiguamolls de l'Empordà	10/01/2012			Agricultural expansion, over exploitation of the aquifer.	Awaiting update (2020)	other
593	Spain	Delta del Ebro**	08/08/2014			Water abstraction and inter-basin transfers.	Awaiting update (2015)	other
706	Spain	Mar Menor	01/01/2004			Eutrophication and water extraction.	Awaiting update (2019)	other
2,069	Spain	Lagunas de Ruidera**	22/11/2012	16/12/2019		Lack of management plan and tourism pressures.	Closed (2019)	other
736	Togo	Reserve de faune de Togodo*	01/01/2014			Dam Construction.	Awaiting update (2016)	AA
213	Tunisia	Ichkeul*	04/07/1990		X	Hydraulic development works in catchment area.	Awaiting update (2016)	AA
1,712	Tunisia	Sebkhet Sejoumi	13/02/2019			Urbanisation and new embankments.	RAM Requested and in preparation (2020)	other
659	Turkey	Lake Seyfe*	05/12/2014			Non-implementation of Management Plan.	Awaiting update (2016)	other
945	Turkey	Gediz Delta*	05/02/2013			Urban and port developments.	Awaiting update (2016)	other
394	Uganda	Lake George*	04/07/1990		X	Extractive industries around the site.	Awaiting update (2018)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
1,637	Uganda	Lutembe Bay Wetland System*	25/11/2015			Extractive industries around the site.	Awaiting update (2018)	AA
1,640	Uganda	Murchison Falls-Albert Delta Wetland System*	25/11/2015			Extractive industries around the site.	Awaiting update (2018)	AA
763	Ukraine	Shagany-Alibei-Burnas Lakes System*	17/10/2016			Water flow alterations negatively impacting migratory birds.	Awaiting update (2017)	other
765	Ukraine	Northern Part of the Dniester Liman*	15/08/2014			High voltage transmission line.	Awaiting update (2017)	other
1,715	United Arab Emirates	Ras Al Khor Wildlife Sanctuary*	15/04/2013			Urban expansion. RAM 86 (May 2017).	Awaiting update (2018)	other
74	United Kingdom	Lough Neagh & Lough Beg	05/06/2018	19/02/2021		Sand extraction.	Closed (2021)	other
74	United Kingdom	Lough Neagh & Lough Beg	16/12/2016	02/11/2018		Road construction.	Closed (2021)	other
77	United Kingdom	Ouse Washes	18/07/2000		X	Water management problems. RAM 49 (November 2001).	Update (2021)	AA
298	United Kingdom	The Dee Estuary	21/11/2007		X	Industrial and transport developments. RAM 34 (November 1994).	Update (2021)	other
897	United Kingdom	Dornoch Firth and Loch Fleet	17/10/2017	19/02/2021		Planned golf course development.	Closed (2021)	other
967	United Kingdom	Ballynahone Bog	05/06/2018			Effluents of nearby poultry factory.	Update (2021)	other
974	United Kingdom	Lough Foyle	05/06/2018	19/02/2021		Pig factory, aerobic digester and expansion of poultry farm.	Closed (2021)	other
1,035	United Kingdom	Slieve Beagh	05/06/2018	19/02/2021		Agricultural pollution.	Closed (2021)	other
1,173	United Republic of Tanzania	Kilombero Valley Floodplain	20/03/2014			Unsustainable uses, poaching, inadequate management.	Awaiting update (2019)	AA
374	United States of America	Everglades National Park	16/06/1993		X	Changes in water flows, nutrient enrichment, development in the surrounding area.	Update (2021)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment Action	Reporter
1,841	Uzbekistan	Aydar-Arnasay Lakes system	14/07/2020			Nuclear Power Plant being built in the vicinity.	Awaiting update (2020)	AA
2,107	Zimbabwe	Monavale Wetland*	25/08/2017			Illegal housing construction and urban farming activities.	Awaiting update (2018)	other

Annex 4b**List of Ramsar Sites with reports from other sources, not confirmed by Parties, of human-induced negative changes**

Files where information has been received by the Secretariat from sources other than Contracting Parties, and where this has been forwarded to the Administrative Authority (AA) concerned. Inclusion in this list does not imply that the Conference of the Contracting Parties, Secretariat or Party concerned considers that these Sites are facing negative change. The Secretariat was expecting a clarification on 21 February 2021 for the Sites listed. Files which were opened and subsequently closed during the reporting period are not included.

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
1488	Antigua and Barbuda	Codrington Lagoon	24/02/2020	Large scale earthmoving equipment and excavators that are clearing and drilling in the site.	Awaiting AA confirmation (2020)
269	Australia	Gippsland Lakes	30/11/2009	Increasing salinity, declining freshwater flows, eutrophication, invasive alien species, proposed mining projects.	Awaiting AA confirmation (2020)
631	Australia	Moreton Bay	08/12/2015	Proposed harbour development and land reclamation.	Awaiting AA confirmation (2020)
560	Bangladesh	Sundarbans Reserved Forest*	09/06/2011	Construction of coal-fired power plant, coal mine, off-shore reloading facility.	Awaiting AA confirmation (2016)
1591	Barbados	Graeme Hall Swamp	13/12/2020	Toxic pollution by the south coast sewage treatment system in the Site.	Awaiting AA confirmation (2020)
1,180	Burundi	Parc National de la Rusizi*	01/01/2013	Large scale sugar cane plantation.	Awaiting AA confirmation (2016)
565	Ghana	Sakumo Ramsar Site	27/01/2020	Possible organic waste and toxic pollution.	Awaiting AA confirmation (2020)
460	Iceland	Thjörsárver**	22/04/2010	Plans for a hydropower plant and dam.	Awaiting AA confirmation (2012)
461	India	Wular Lake**	14/02/2014	Unplanned development and illegal encroachment.	Awaiting AA confirmation (2014)
462	India	Harike Lake**	14/02/2014	Human reduction in size of the lake.	Awaiting AA confirmation (2014)
464	India	Sambhar Lake	15/11/2019	Waterbird mass mortality (botulism?) due to poor water management.	Awaiting AA confirmation (2019)
464	India	Sambhar Lake**	27/04/2009	Illegal salt extraction, groundwater over-abstraction, planned solar power plant.	Awaiting AA confirmation (2009)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
1,204	India	Ashtamudi Wetland**	13/06/2012	Solid waste dumping and treatment.	Awaiting AA confirmation (2012)
1,207	India	Deepor Beel**	23/05/2013	Over-fishing, siltation, illegal constructions and encroachment, chemical waste dumping, proposed railway line.	Awaiting AA confirmation (2013)
1,209	India	Kolleru Lake*	07/06/2016	Expanding urbanisation and road construction.	Awaiting AA confirmation (2016)
1,212	India	Sasthamkotta Lake**	05/05/2013	Waste dumping and lack of management.	Awaiting AA confirmation (2013)
1,214	India	Vembanad-Kol Wetland**	30/08/2010	Industrial and tourism developments.	Awaiting AA confirmation (2013)
413	Ireland	Baldoyle Bay	01/05/2019	Pipeline construction.	Awaiting AA confirmation (2020)
847	Ireland	Lough Derravaragh	27/06/2012	Peat extraction.	Awaiting AA confirmation (2020)
117	Italy	Pian di Spagna - Lago di Mezzola**	25/07/2012	Road and environmental centre construction.	Awaiting AA confirmation (2012)
1,812	Italy	Lagustelli di Percile**	10/03/2015	Inadequate management and water abstraction.	Awaiting AA confirmation (2015)
1,856	Kazakhstan	Ural River Delta and adjacent Caspian Sea coast**	18/11/2011	Construction of oil exploitation infrastructure.	Awaiting AA update (2011)
724	Kenya	Lake Naivasha*	12/09/2016	Proliferation of settlements and land conversions, inflow of untreated sewage.	Awaiting AA confirmation (2018)
1,498	Kenya	Lake Elmenteita	07/11/2019	The site is threatened by a powerline construction.	Awaiting AA confirmation (2019)
666	Mauritania	Parc National du Diawling*	20/12/2016	Construction of new port.	Awaiting AA confirmation (2016)
1,044	Mauritania	Chat Tboul*	20/12/2016	Construction of new port.	Awaiting AA confirmation (2016)
1,744	Mauritius	Blue Bay Marine Park	14/01/2019	Urban development.	Awaiting AA confirmation (2019)
1,988	Mauritius	Pointe d'Esny Wetland	12/04/2018	Urban development.	Awaiting AA confirmation (2019)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
1,478	Morocco	Embouchure de la Moulouya	01/01/2010	Water pollution, and over-abstraction.	Awaiting AA confirmation (2020)
1,391	Mozambique	Zambezi Delta*	01/01/2008	Oil and Gas exploration.	Awaiting AA confirmation (2016)
1,964	Mozambique	Lake Niassa and its Coastal Zone**	01/01/2012	Oil exploration.	Awaiting AA confirmation (2015)
742	Namibia	Walvis Bay*	22/05/2017	Urban development.	Awaiting AA confirmation (2017)
744	Namibia	Orange River Mouth	07/04/2019	Water level and subsequent biodiversity reduction.	Awaiting AA confirmation (2020)
818	Pakistan	Uchhali Complex*	06/04/2014	Proposed road construction.	Awaiting AA update (2014)
2,271	Philippines	Negros Occidental Coastal Wetlands Conservation Area (NOCWCA)	09/06/2020	New bridge and infrastructure construction.	Awaiting AA confirmation (2020)
212	Portugal	Ria Formosa**	11/03/2009	New tourism project.	Awaiting AA confirmation (2009)
826	Portugal	Estuário do Sado*	17/10/2018	Dredging.	Awaiting AA confirmation (2018)
1,029	Republic of Moldova	Lower Prut Lakes**	20/05/2005	Oil drilling in the surroundings.	Awaiting AA confirmation (2010)
110	Russian Federation	Kandalaksha Bay**	04/05/2012	Plans for the construction of a gas plant.	Awaiting AA confirmation (2012)
111	Russian Federation	Volga Delta**	16/11/2012	Development of oil and gas industry.	Awaiting AA confirmation (2010)
669	Russian Federation	Pskovsko-Chudskaya Lowland**	06/11/2012	Uncontrolled tourism, fishing, hunting and construction.	Awaiting AA confirmation (2012)
674	Russian Federation	Kuban Delta: Group of limans between Kuban & Protoka Rivers**	30/11/2010	Oil exploitation.	Awaiting AA confirmation (2010)
675	Russian Federation	Kuban Delta: Akhtaro-Grivenskaya group of limans**	30/11/2010	Oil exploitation.	Awaiting AA confirmation (2010)
682	Russian Federation	Selenga Delta**	01/11/2008	Artificial fluctuation of water levels due hydropower plants.	Awaiting AA confirmation (2008)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
683	Russian Federation	Torey Lakes**	27/07/2009	Channel construction.	Awaiting AA confirmation (2009)
695	Russian Federation	Moroshechnaya River**	30/01/2007	Oil exploitation activities.	Awaiting AA confirmation (2007)
2,327	Senegal	Réserve Naturelle d'Intérêt Communautaire de la Somone	23/01/2019	Tourism development.	Awaiting AA confirmation (2019)
398	South Africa	Langebaan*	07/03/2018	Mining and infrastructure, water pollution from aquaculture.	Awaiting AA confirmation (2018)
524	South Africa	Wilderness Lakes	11/03/2019	Mining, water abstraction and pollution.	Awaiting AA confirmation (2020)
525	South Africa	Verlorenvlei	21/07/2009	Mining project.	Awaiting AA confirmation (2019)
888	South Africa	Seekoeivlei Nature Reserve*	01/01/2013	Excessive raw sewage inflow.	Awaiting AA confirmation (2016)
2,291	South Africa	Bot - Kleinmond Estuarine System	27/03/2019	Tourism project.	Awaiting AA confirmation (2019)
452	Spain	Complejo intermareal Umia-Grove**	20/01/2014	Heavy metal pollution.	Awaiting AA confirmation (2014)
231	Switzerland	Bolle di Magadino**	01/06/2013	Planned airport extension.	Awaiting AA confirmation (2013)
935	Syrian Arab Republic	Sabkhat al-Jabbul Nature Reserve**	23/11/2010	Potential impacts by war.	Awaiting AA confirmation (2010)
1,707	Tunisia	Lagunes du Cap Bon oriental	02/03/2020	Water pollution.	Awaiting AA confirmation (2020)
945	Turkey	Gediz Delta*	06/10/2017	Bridge construction.	Awaiting AA confirmation (2017)

Annex II

Draft Resolution XIV.xx

Status of Sites in the Ramsar List of Wetlands of International Importance

1. RECALLING Article 8.2 of the Convention, on the duties of the Secretariat concerning reporting on the status of Wetlands of International Importance (Ramsar Sites) for the consideration and recommendations of the Conference of the Contracting Parties on these matters, and Article 6.2.d), concerning the competence of the Conference to make general or specific recommendations to the Contracting Parties regarding the conservation, management and wise use of wetlands;
2. APPRECIATING the designation of 102 new Ramsar Sites by Contracting Parties between 21 June 2018 and 21 February 2021;
3. ALSO APPRECIATING the work done by 32 Contracting Parties that updated the Ramsar Information Sheets (RISs) for 159 Ramsar Sites within their territories during this period, and by 60 Parties that provided updated information on an additional 488 Sites;
4. NOTING that, for 1,752 Ramsar Sites, representing 73% of the 2,416 Sites that had been designated by 21 February 2021, either RISs or adequate maps had not been submitted, or relevant RISs or maps had not been updated for over six years, so that recent information on the status of these Sites was not available;
5. NOTING that changes to Ramsar Site boundaries and areas reported in updated RISs *“...should only occur where the change is so minor that it does not substantially affect the fundamental objectives for which the site was listed, and:*
 - a) *the site boundary has been drawn incorrectly and there has been a genuine error; and/or*
 - b) *the site boundary does not accurately match the description of the boundary as defined in the RIS; and/or*
 - c) *technology allows for a higher resolution and more accurate definition of the site boundary than was available at the time of Listing”* (Resolution VIII.21);
6. NOTING that substantive changes to Ramsar Site boundaries, arising from extensions or restrictions of the area of a Site, should also be reported in updated RISs;
7. CONSIDERING the need for Contracting Parties, as a matter of high priority, to put in place mechanisms *“... to be informed at the earliest possible time, including through reports by national authorities and local and indigenous communities and NGOs, if the ecological character of any wetland in its territory included in the Ramsar List has changed, is changing or is likely to change, and to report any such change without delay to the Ramsar Bureau [Secretariat] so as to implement fully Article 3.2 of the Convention”* (Resolution VIII.8);
8. EXPRESSING ITS APPRECIATION to those Contracting Parties that have provided “Article 3.2 reports” to the Secretariat about Ramsar Sites where human-induced changes in ecological character have occurred, are occurring, or may occur, as listed in Annex 4a of the *Report of the Secretariat pursuant to Article 8.2 on the List of Wetlands of International Importance* (document COP14 Doc.xx);

9. NOTING that xx% of the Contracting Parties reported in their National Reports to the 14th meeting of the Conference of the Contracting Parties (COP14) that they had arrangements in place to be informed of negative human-induced changes or likely changes in the ecological character of Ramsar Sites in their territories; but AWARE that fewer than xx% of Parties have submitted reports of all instances of such changes or likely changes;
10. CONCERNED that, as of 21 February 2021, only two of the Ramsar Sites included in the Montreux Record have been removed from the Record since COP13;
11. ALSO CONCERNED about the length of time that it has taken to address changes to the ecological character of Ramsar Sites (Article 3.2), the continuing lack of information on the status of many open Article 3.2 files, and the lack of response by some Contracting Parties to address concerns raised by third parties about potential changes to Sites; and
12. NOTING the importance of Ramsar Advisory Missions as a monitoring procedure underlined by Contracting Parties through Resolution XIII.11 (2018), to provide technical assistance for addressing problems and threats to Ramsar Sites that could lead to a change in ecological character;

THE CONFERENCE OF THE CONTRACTING PARTIES

13. URGES the Contracting Parties that have not submitted a Ramsar Information Sheet (RIS) or a map for all Wetlands of International Importance (Ramsar Sites) that they have designated (listed at Annex 3a of the *Report of the Secretariat pursuant to Article 8.2 on the List of Wetlands of International Importance* [document COP14 Doc.xx], to provide such information in advance of the xxth meeting of the Standing Committee (SCxx); and INSTRUCTS the Ramsar Secretariat to contact the relevant Contracting Parties to offer any necessary technical support;
14. REQUESTS the Contracting Parties listed in Annex 3b of the *Report of the Secretariat pursuant to Article 8.2 on the List of Wetlands of International Importance* (document COP14 Doc.xx) to update, as a matter of urgency, the RISs for their Ramsar Sites at least once every six years (as urged in Resolution VI.13 on *Submission of information on sites designated for the Ramsar List of Wetlands of International Importance*);
15. ENCOURAGES Contracting Parties to adopt and apply as appropriate, as part of their management planning for Ramsar Sites and other wetlands, a suitable assessment and monitoring regime, such as that outlined in the Annex to Resolution VI.1 on *Working definitions of ecological character, guidelines for describing and maintaining the ecological character of listed sites, and guidelines for operation of the Montreux Record*, as well as the Convention's *Wetland Risk Assessment Framework* (Resolution VII.10), in order to be able to report change or likely change in the ecological character of Ramsar Sites in accordance with Article 3.2;
16. REQUESTS Contracting Parties with Ramsar Sites for which the Secretariat has received reports of change or likely change in their ecological character (listed in Annexes 4a and 4b of the *Report of the Secretariat pursuant to Article 8.2 on the List of Wetlands of International Importance*, in document COP14 Doc.xx) to submit information to the Secretariat in response to such reports, including, as appropriate, information on steps taken or to be taken to address these changes or likely changes in ecological character, in advance of SCxx and each subsequent Standing Committee meeting until the issue is resolved; and FURTHER REQUESTS the Secretariat

to provide technical support to these Parties to address the threats to their Sites, with priority being given to the longer-standing Sites, and to report back at SCxx;

17. ENCOURAGES the Contracting Parties to continue to use the Montreux Record questionnaire at Annex 1 of the present Resolution to determine the inclusion or removal of a listed Site in the Montreux Record;
18. ENCOURAGES Contracting Parties, when submitting a report in fulfilment of Article 3.2, to consider whether the Site concerned would benefit from listing on the Montreux Record;
19. INSTRUCTS the Secretariat to assist Contracting Parties in their actions in response to change or likely change in the ecological character of a Ramsar Site or Sites, for example by providing advice, when requested, on the application of the wise-use principles, or, when relevant, proposing to Parties to add the Site or Sites to the Montreux Record or to invite a Ramsar Advisory Mission;
20. REPEALS Resolution XIII.10 on *The status of Sites in the Ramsar List of Wetlands of International Importance*, which is replaced by the present Resolution.

Annex 1 to the draft Resolution
Montreux Record – Questionnaire content

Section 1: Information for assessing possible inclusion of a listed Ramsar Site in the Montreux Record

Nature of the change

1. Name of Site.
2. Ramsar Criteria for listing the Site as internationally important.
3. Summary statement of ecological character description.
4. Ecological components, processes, functions and services of the ecosystems affected by adverse human-induced change / likely change (list relevant code numbers from the ecological character description).
5. Nature and extent of the change / likely change to ecological character (use the threat categories in Appendix F of Resolution XI.8 Annex 2 *Strategic Framework and guidelines for the future development of the List of Wetlands of International Importance of the Convention on Wetlands*).
6. Reason(s) for the change / likely change described above.

Management measures in place

1. Date when the latest Ramsar Information Sheet (RIS) was submitted.
2. Management strategies and administrative mechanisms in place, if any (national government, decentralized government, community-level, or others).
3. Site management plan or other planning, monitoring or assessment programmes in place at the Site, if any (description of technique(s), objectives, and nature of data and information gathered) – refer to RIS section 5.2.7 (Resolution XI.8 Annex 1, RIS field 34).
4. Assessment procedures in place, if any. (How is the information obtained from the monitoring programme used?)
5. Protection, amelioration and/or restoration measures in place so far or planned, if any.
6. Any other analogous or linked Site intervention processes activated or planned, e.g. under other multilateral environmental agreements.
7. List of attachments provided by the Contracting Party (if applicable).
8. List of attachments provided by the Secretariat (if applicable).

Section 2: Information for assessing possible removal of a listed Site from the Montreux Record

Management measures in place

1. Date when the latest RIS was submitted.
2. Site management plan or other planning, monitoring or assessment programmes in place at the Site, if any (description of technique(s), objectives and nature of data and information gathered (refer to RIS section 5.2.7, Resolution XI.8 Annex 1 RIS field 34).
3. Assessment procedures in place, if any (how is the information obtained from the monitoring programme used).
4. Protection, amelioration and/or restoration measures so far in place or planned, if any.

Assessment for removal of the Ramsar Site from the Montreux Record

1. Success of protection, amelioration and/or maintenance measures (if different from those covered in Section 1 of this questionnaire).
2. Proposed management, monitoring and assessment or other procedures (if different from those in Section 1 of this questionnaire).
3. Extent to which the ecological components, processes, functions and services of the Site's ecosystems have been restored or maintained (provide details).
4. Rationale for removing the Site from the Montreux Record. (Refer to *Guidelines for Operation of the Montreux Record*, the specific issues identified in Section 1 of this questionnaire, and any advice given by the Scientific and Technical Review Panel (STRP) or arising from a Ramsar Advisory Mission, where applicable.)
5. Status of any other analogous or linked Site intervention processes, e.g. under other multilateral environmental agreements, and details of how Montreux Record removal will be harmonized with these.
6. Measures that the Contracting Party will implement to maintain the ecological character of the Site with clear indicators for follow up.
7. List of further attachments (if applicable).