THE CONVENTION ON WETLANDS 62nd meeting of the Standing Committee Gland, Switzerland, 4-8 September 2023

SC62 Doc.22

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 updated report on the status of Sites on the List of Wetlands of International Importance;
- ii. to advise on activities to be undertaken by regional representatives on the Standing Committee and those Contracting Parties directly concerned; and
- iii. to instruct the Secretariat as appropriate on specific measures to be taken.

Reporting period

- 1. The present report fulfils the requirements determined by the 35th meeting of the Standing Committee (SC35) through Decision SC35-28, in which "The Committee agreed that the reporting on the status of Ramsar Sites should be an agenda item for every Standing Committee meeting."
- It provides an update on the status of Wetlands of International Importance ("Ramsar Sites") based on information received by the Secretariat in the reporting period from 1 July 2022 to 17 April 2023. It lists changes and additions to the most recent update that was submitted to COP14 (document COP14 Doc.10 Rev.1) as the *Report of the Secretary General pursuant to Article 8.2 concerning the List of Wetlands of International Importance*.

Newly designated Wetlands of International Importance

- 3. As of 17 April 2023, there were 2,492 Ramsar Sites, together covering 256,637,813 hectares (ha).
- 4. During the reporting period, 53 new Ramsar Sites, covering a total of 1,828,046 ha, were added to the List. **Annex 1** of the present report provides a list of the Sites. The increases in the number and area of Ramsar Sites since the beginning of the Convention in 1974 are shown in Figure 1 and Figure 2 respectively.

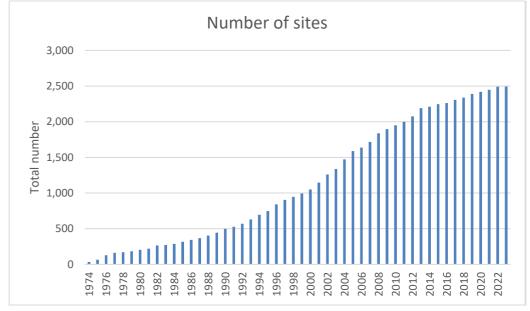
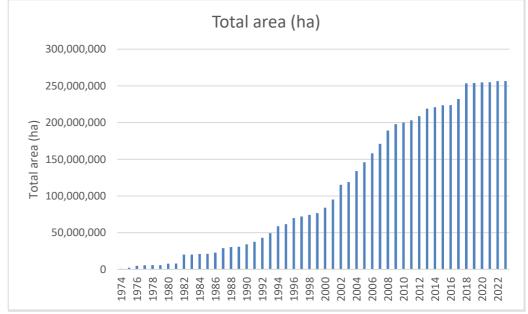


Figure 1 Cumulative number of Wetlands of International Importance, 1974–2023

Figure 2 Cumulative area of Wetlands of International Importance, 1974–2023



4. As of 17 April 2023, information for an additional 25 new Sites had been submitted by 16 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. No additional Transboundary Ramsar Sites were named during the reporting period. The global number of Transboundary Ramsar Sites on 17 April 2023 was 22, composed of 47 unilateral Ramsar Sites¹.

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

Extensions of existing Ramsar Sites (Article 2.5)

6. During the period under review, two Ramsar Sites were substantially extended: one in Australia (Narran Lake Nature Reserve, from 5,531 ha to 8,447 ha) and one in Guatemala (Humedal Manchón-Guamuchal, 13,500 ha to 14,220 ha).

Restrictions or deletions of existing Ramsar Sites (Article 2.5)

7. No Ramsar Sites were deleted from the List during the review period, or had their boundary adjusted 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.

Regular updating of Ramsar Sites information

- 8. Paragraph 15 of Resolution XIV.13 on *The status of Sites in the List of Wetlands of International Importance* 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, nine Parties provided updated or missing data for 101 published Ramsar Site updates (4% of all Ramsar Sites). More details are included in **Annex 2**. In addition, 66 Parties provided updated RIS for 561 Sites that were being processed by the Secretariat as of 17 April 2023 (**Annex 3b**, right-hand column).
- 9. Resolution XIV.13 urges those Contracting Parties that have not submitted an RIS or a map for a Ramsar Site that they have designated, to provide such information in advance of the 62nd meeting of the Standing Committee (SC62), and instructs the Secretariat to contact the relevant Contracting Parties to offer any necessary technical support (paragraph 15). **Annex 3a** provides a list of 33 Sites in the territories 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.
- On 17 April 2023, information was out of date or missing for 1,836 Ramsar Sites (74% of all Sites). The table in **Annex 3b** lists 1,275 Sites (51%) requiring information older than six years to be updated (central column). For these Sites, Parties had not yet submitted updates via the online Ramsar Sites Information Service that formally entered into use eight years ago in January 2015 (Resolution XI.8, paragraph 15).
- 11. 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 2023 an increase of the number of outdated RIS with information between seven and 12 years old, and of those more than 18 years old (red columns), and a reduction in the number of outdated RIS with information between 13 and 18 years old, compared to the situation to 2022. This highlights the growing urgency to update those outdated RIS that have not been updated for many years.

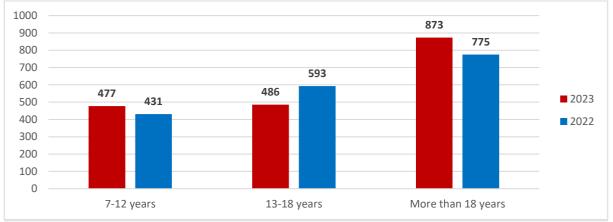


Figure 3 Number of outdated RIS as of 17 April 2023

12. The Secretariat is regularly communicating with those Parties with Sites for which information was last updated more than six years ago, and encouraging them to provide updates.

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 in which the Parties have done so are termed "Article 3.2 files".
- 14. Resolution XIV.13 (paragraph 17) 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.10 Rev.1) 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 SC62 and each subsequent Standing Committee meeting until the issue is resolved; and request the Secretariat to provide technical support to these Parties to address the streats to their Sites, with priority being given to the most threatened Sites, and to report back at SC62.
- 15. Annex 4a lists 140 open Article 3.2 files, initially reported to the Secretariat by the Administrative Authority (AA), or by third parties and subsequently confirmed by the AA. During the reporting period, one Party, New Zealand, reported one new case, while it was possible to resolve the issues and close the files for four Ramsar Sites in two Parties, Niger and Norway.
- 16. The Secretariat asks Parties listed in **Annex 4a** to submit, as a high priority, updates on the 84 Sites marked with **, for which no information had been provided for more than five years (i.e. since 2018), followed by updates on the additional 50 Sites marked with *, for which no information had been provided for more than two years (since 2021).
- 17. Annex 4b lists 55 "potential Article 3.2 files" (of which two, in South Africa had been closed) for which human-induced negative changes in ecological character had been reported by third parties but not confirmed by the AA as of 17 April 2023. During the reporting period, the Secretariat received new files for two Ramsar Sites from other sources not yet confirmed by the Administrative Authority. The Secretariat 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 have been received from the AAs. The Secretariat expects to receive answers as a high priority on the 36 potential files marked with **, for which no answer has been provided for more than five years (since 2018), and answers about the 18 potential files marked with *, for which no answer has been provided for more than two years (since 2021).

18. The combined total of 195 cases listed in Annexes 4a and 4b during the period under review represents a decrease of 6% on the number reported for the previous triennium (207 Sites). This decrease may suggest that Parties or civil society groups are paying closer attention to the potential change in ecological character of Sites.

Montreux Record

- 19. Of the 140 Article 3.2 files open on 17 April 2023 (Annex 4a), 46 (33%) were included in the Montreux Record. During the reporting period, no Ramsar Sites were removed from or added to the Montreux Record. The rate at which issues at other Sites included in the Montreux Record are being resolved remains very slow.
- 20. Resolution XIV.13 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 18), 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 19).

Ramsar Advisory Missions

- 21. Resolution XIV.13 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 20).
- 22. During the reporting period two Ramsar Advisory Missions (RAMs)were carried out: one to Benin (Basse Vallée du Couffo, Lagune Côtière Chenal Aho, and Lac Ahémé), and one to Bolivia (Lagos Poopó y Uru Uru). Further RAMs are being prepared, to Nicaragua (Sistema de Humedales de la Bahía de Bluefields) and North Macedonia (Lake Prespa). Tunisia has indicated a temporary suspension of its requested RAM to Sebkhet-Sejoumi.

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Annex 1 Newly designated Ramsar Sites added to the List from 1 July 2022 to 17 April 2023

The list of 53 newly designated Ramsar Sites includes 33 Sites with earlier designation dates than 1 July 2022.

Contracting Party	Site no.	Official name	Designation date	Area (ha)
Australia	2520	Caryapundy Swamp	17/12/2021	70,176.24
China	2502	Beijing Yeya Lake Wetlands	28/10/2022	4,007.84
China	2503	Qinghai Longbaotan Wetlands	28/10/2022	9,529
China	2504	Guangdong Guangzhou Haizhu Wetlands	28/10/2022	751.35
China	2505	Hunan Maoli Lake Wetlands	28/10/2022	4,776.03
China	2506	Fujian Minjiang River Estuary Wetlands	28/10/2022	2,100
China	2507	Hubei Gong'an Chong Lake Wetlands	28/10/2022	1,259.70
China	2508	Guangxi Beihai Jinhaiwan Mangrove Wetlands	28/10/2022	1,357.80
China	2509	Sichuan Seda Nilaba Wetlands	28/10/2022	60,760.04
China	2510	Hubei Xiantao Sha Lake Wetlands	28/10/2022	2,167.37
China	2511	Gansu Dunhuang Xihu Wetlands	28/10/2022	192,287
China	2512	Heilongjiang Grand Khingan Jiuqushibawan		
		Wetlands	28/10/2022	4,929
China	2513	Heilongjiang Grand Khingan Shuangheyuan Wetlands	28/10/2022	8,712
China	2514	Jiangsu Huai'an Baima Lake Wetlands	28/10/2022	2,796.10
China	2515	Yunnan Huize Nianhu Wetlands	28/10/2022	2,260.75
China	2516	Guangxi Guilin Huixian Karst Wetlands	28/10/2022	586.75
China	2517	Zhejiang Pingyang Nanji Islands Wetlands	28/10/2022	19,892.87
China	2518	Guangdong Shenzhen Futian Mangrove Wetlands	28/10/2022	367.64
China	2519	Hunan Chongling Wetlands	28/10/2022	2,401.72
Colombia	2499	Complejo Cenagoso de Ayapel	23/06/2020	54,376.78
Dominican Republic	2497	Los Humedales de Montecristi y la Línea Noroeste	13/10/2022	84,322.25
Dominican Republic	2498	Refugio de Vida Silvestre Laguna Redonda y Limón (Los Humedales del Refugio de Vida Silvestre Laguna		
		Redonda y Limón, Miches y Ria Maimón)	13/10/2022	5,754
France	2500	La Dombes	22/03/2023	47,659
India	2470	Satkosia Gorge	12/10/2021	98,196.72
India	2471	Nanda Lake	08/06/2022	42.01
India	2472	Gulf of Mannar Marine Biosphere Reserve	08/04/2022	52,671.88
India	2473	Ranganathittu Bird Sanctuary	15/02/2022	517.7
India	2474	Vembannur Wetland Complex	08/04/2022	19.746
India	2475	Vellode Bird Sanctuary	08/04/2022	77.185
India	2476	Udhayamarthandapuram Bird Sanctuary	08/04/2022	43.767
India	2477	Vedanthangal Bird Sanctuary	08/04/2022	40.348
India	2478	Sirpur Wetland	07/01/2022	161
India	2479	Koonthankulam Bird Sanctuary	08/11/2021	72.04
India	2480	Karikili Bird Sanctuary	08/04/2022	58.442
India	2481	Pallikaranai Marsh Reserve Forest	08/04/2022	1,247.54
India	2482	Pichavaram Mangrove	08/04/2022	1,478.64
India	2483	Sakhya Sagar	07/01/2022	248

Contracting Party	Site no.	Official name	Designation date	Area (ha)
India	2484	Pala Wetland	31/08/2021	1,850
India	2486	Kanjirankulam Bird Sanctuary	08/04/2022	96.891
India	2487	Ansupa Lake	12/10/2021	231
India	2488	Shallbugh Wetland Conservation Reserve	08/06/2022	1,675
India	2489	Tampara Lake	12/10/2021	300
India	2490	Thane Creek	13/04/2022	6,521.08
India	2491	Chitrangudi Bird Sanctuary	08/11/2021	260.47
India	2492	Suchindram Theroor Wetland Complex	08/04/2022	94.229
India	2493	Vaduvur Bird Sanctuary	08/04/2022	112.638
India	2494	Hirakud Reservoir	12/10/2021	65,400
India	2495	Yashwant Sagar	07/01/2022	822.9
India	2496	Hygam Wetland Conservation Reserve	08/06/2022	801.82
Mexico	2468	Reserva Estatal Ciénagas y Manglares de la Costa		
		Norte de Yucatán	02/02/2022	54,776.72
Mexico	2469	Lago de Texcoco	05/06/2022	10,077.40
South	2501	Middelpunt Nature Reserve		
Africa			15/03/2023	510.277
Sudan	2485	Khor Abu Habil Inner Delta	10/04/2022	946,409

Annex 2 List of 101 Ramsar Sites for which nine Parties provided updated Ramsar Information Sheets and maps between 1 July 2022 and 17 April 2023

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
Australia	1	Cobourg Peninsula	08/05/1974	220,700	01/07/2022
Australia	251	Moulting Lagoon	16/11/1982	4,507	01/07/2022
Australia	255	Apsley Marshes	16/11/1982	880	13/04/2023
Australia	257	Flood Plain Lower Ringarooma River	16/11/1982	3,534	13/04/2023
Australia	260	Little Waterhouse Lake	16/11/1982	56	01/07/2022
Australia	263	Gunbower Forest	15/12/1982	20,180	13/04/2023
Australia	264	Hattah-Kulkyne Lakes	05/04/1983	955	05/07/2022
Australia	286	Towra Point	21/02/1984	632	01/07/2022
Australia	512	Hosnie's Spring	11/12/1990	202	01/07/2022
Australia	798	Little Llangothlin Nature Reserve	17/03/1996	257.6	01/07/2022
Australia	799	Lake Pinaroo	17/03/1996	719	01/07/2022
Australia	800	Blue Lake	17/03/1996	338	01/07/2022
Australia	994	Myall Lakes	14/06/1999	44,612	01/07/2022
Australia	995	Narran Lake Nature Reserve	14/06/1999	8,447	01/07/2022
Australia	1050	Muir-Byenup System	05/01/2001	10,631	01/07/2022
Australia	1225	The Dales	21/10/2002	580	13/04/2023
Australia	1716	Paroo River Wetlands	13/09/2007	138,304	01/07/2022
France	2073	Île Europa	27/10/2011	214,872	02/11/2022
Guatemala	725	Humedal Manchón-Guamuchal	25/04/1995	14,219.66	17/03/2023
Iran (Islamic Republic of)	40	Anzali Wetland	23/06/1975	19,500	13/04/2023
Ireland	334	Pettigo Plateau	31/07/1986	900	07/03/2023
Ireland	335	Slieve Bloom Mountains	31/07/1986	2,430	07/03/2023
Ireland	336	Owenduff catchment	31/07/1986	1,389	07/03/2023
Ireland	371	Owenboy	01/06/1987	397	07/03/2023
Ireland	372	Knockmoyle/Sheskin	01/06/1987	1,198	06/07/2022
Ireland	373	Lough Barra Bog	01/06/1987	176	06/07/2022
Ireland	406	North Bull Island	06/09/1988	1,436	07/03/2023
Ireland	416	Mongan Bog	06/12/1988	127	07/03/2023
Ireland	471	Easky Bog	30/05/1990	607	06/07/2022
Ireland	473	Coole Lough & Garryland Wood	30/05/1990	390	07/03/2023
Ireland	474	Pollardstown Fen	30/05/1990	130	07/03/2023
Ireland	475	Meenachullion Bog	30/05/1990	194	07/03/2023
Ireland	830	Ballycotton Bay	07/06/1996	92	06/07/2022
Ireland	831	Ballymacoda	07/06/1996	375	06/07/2022
Ireland	832	Sandymount Strand/Tolka Estuary	07/06/1996	643	07/03/2023
	022	•	07/06/1996	546	06/07/2022
Ireland	833	The Broadmeadow Estuary	07/00/1990	540	00/07/2022

Contracting Party	Site no.	Official name	Designation date	Area (ha)	Last publication date
Ireland	836	Blackwater Estuary	07/06/1996	468	06/07/2022
Ireland	838	Inner Galway Bay	07/06/1996	11,904	07/03/2023
Ireland	839	Dungarvan Harbour	07/06/1996	1,074	07/03/2023
Ireland	840	Bannow Bay	07/06/1996	958	07/03/2023
Ireland	842	Cummeen Strand	07/06/1996	1,491	07/03/2023
Ireland	845	Ballyallia Lough	07/06/1996	300	07/03/2023
Ireland	846	Lough Corrib	07/06/1996	17,728	07/03/2023
Ireland	849	Lough Glen	07/06/1996	81	07/03/2023
Ireland	852	Lough Gara	07/06/1996	1,742	07/03/2023
Ireland	853	Lough Oughter	07/06/1996	1,463.50	07/03/2023
Italy	1664	Oasis of Castelvolturno - Variconi	07/08/2003	195	08/11/2022
Italy	1665	Oasis of the Sele - Serre Persano	07/08/2003	174	08/11/2022
Netherlands	192	Groote Peel	23/05/1980	1,348	02/11/2022
Netherlands	193	Weerribben	23/05/1980	3,325	02/11/2022
Netherlands	194	Naardermeer	23/05/1980	1,151	02/11/2022
Netherlands	197	Biesbosch	23/05/1980	9,640	02/11/2022
Netherlands	289	Wadden Sea	02/05/1984	271,023.30	19/07/2022
Netherlands	354	Oosterschelde	03/04/1987	36,978	01/11/2022
Netherlands	400	Zwanenwater en	15/06/1988	770	01/11/2022
		Pettemerduinen			
Netherlands	427	Oostvaardersplassen	02/06/1989	5,477	01/11/2022
Netherlands	428	Engbertsdijksvenen	02/06/1989	998	01/11/2022
Netherlands	578	Alde Feanen	30/12/1992	2,124	01/11/2022
Netherlands	579	Deelen	30/12/1992	514	16/12/2022
Netherlands	580	Deurnsche Peel & Mariapeel	30/12/1992	2,734	01/11/2022
Netherlands	581	Bargerveen	30/12/1992	2,082	01/11/2022
Netherlands	747	Krammer-Volkerak	04/09/1995	6,159	01/11/2022
Netherlands	748	Westerschelde & Saeftinghe	04/09/1995	43,647	01/11/2022
Netherlands	749	Zwarte Meer	04/09/1995	2,162	01/11/2022
Netherlands	1240	Broekvelden/Vettenbroek	29/08/2000	700	01/11/2022
Netherlands	1241	Wieden	29/08/2000	9,018	16/12/2022
Netherlands	1242	Veluwerandmeren	29/08/2000	6,123.50	01/11/2022
Netherlands	1243	Oudegaasterbrekken, Fluessen and surroundings	29/08/2000	3,054	01/11/2022
Netherlands	1244	Haringvliet	29/08/2000	10,880	01/11/2022
Netherlands	1245	Markermeer & IJmeer	29/08/2000	68,463.40	01/11/2022
Netherlands	1246	ljsselmeer	29/08/2000	113,341	01/11/2022
Netherlands	1247	Lauwersmeer	29/08/2000	5,754	01/11/2022
Netherlands	1248	Leekstermeergebied	29/08/2000	1,543	01/11/2022
Netherlands	1250	Sneekermeergebied	29/08/2000	2,300	01/11/2022
Netherlands	1251	Veerse Meer	29/08/2000	2,539	01/11/2022
Netherlands	1252	North Sea Coastal Area	29/08/2000	144,474.80	19/07/2022
Netherlands	1253	Zoommeer	29/08/2000	1,171	01/11/2022
Netherlands	1272	Grevelingen	29/08/2000	13,753	01/11/2022
Netherlands	1273	Hollands Diep	29/08/2000	4,139	01/11/2022
	1274	Ketelmeer and Vossemeer	29/08/2000	3,900	01/11/2022
Netherlands	12/7				

Contracting Party	Site no.	Official name	Designation date	Area (ha)	Last publication date
Netherlands	1277	Rottige Meenthe and Brandemeer	29/08/2000	1,369	06/01/2023
Netherlands	1279	Voordelta	29/08/2000	92,271	01/11/2022
Netherlands	1280	Voornes Duin	29/08/2000	1,432	01/11/2022
Netherlands	1282	Zuidlaardermeergebied	29/08/2000	2,087	01/11/2022
Netherlands	2211	Markiezaat	03/04/1987	1,831.90	06/01/2023
Netherlands	2212	Duinen Ameland	29/08/2000	2,054.50	15/07/2022
Netherlands	2213	Duinen en Lage Land Texel	29/08/2000	4,083	15/07/2022
Netherlands	2214	Duinen Schiermonnikoog	29/08/2000	833.1	19/07/2022
Netherlands	2215	Duinen Terschelling	29/08/2000	4,040.30	15/07/2022
Netherlands	2216	Duinen Vlieland	29/08/2000	1,484.10	19/07/2022
New Zealand	1491	Manawatu River mouth and estuary	25/07/2005	600	13/04/2023
Ukraine	113	Kyliiske Mouth	11/10/1976	44,904.26	09/08/2022
Ukraine	114	Karkinitska and Dzharylgatska Bays	11/10/1976	147,556.66	09/08/2022
Ukraine	116	Yagorlytska Bay	28/02/1997	39,692.70	09/08/2022
Ukraine	761	Kartal Lake	28/02/1997	2,141.20	09/08/2022
Ukraine	762	Sasyk Lake	28/02/1997	23,488.41	09/08/2022
Ukraine	765	Northern Part of the Dniester Liman	28/02/1997	25,929.24	09/08/2022
Ukraine	768	Tendrivska Bay	28/02/1997	55,021.96	09/08/2022
Ukraine	1400	Lake Synevyr	17/11/2003	29	20/10/2022

Annex 3a List of 33 Ramsar Sites for which either the RIS or an adequate map had not been submitted since designation, as of 17 April 2023

Contracting Party	Site no.	Official name	Designation date	RIS	Мар
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	2342	Mundok Migratory Bird Reserve	16/01/2018	no	yes
Republic of Korea					
Democratic People's	2343	Rason Migratory Bird Reserve	16/01/2018	no	yes
Republic of Korea					
Djibouti	1239	Haramous-Loyada	22/03/2003	no	no
France	346	Camargue	01/12/1986	yes	yes
Germany	174	Unteres Odertal, Schwedt	31/07/1978	no	yes
Germany	175	Peitzer Teichgebiet	31/07/1978	no	yes
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-	23/06/1975	yes	no
		Helmand			
Ireland	840	Bannow Bay	11/06/1996	yes	yes
Ireland	841	Trawbreaga Bay	11/06/1996	yes	yes
Ireland	842	Cummeen Strand	11/06/1996	yes	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	yes	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 had not been fully updated, as of 17 April 2023

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	0	3
Angola	1	0	0
Antigua and Barbuda	1	1	0
Argentina	23	17	1
Armenia	3	3	0
Australia	67	31	13
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	18	0
Belgium	9	9	0
Belize	2	2	0
Benin	4	0	0
Bhutan	3	3	0
Bolivia (Plurinational State of)	11	11	0
Bosnia and Herzegovina	3	2	0
Botswana	1	0	0
Brazil	27	1	8
Bulgaria	11	4	0
Burkina Faso	25	10	0
Burundi	4	4	0
Cabo Verde	4	4	0
Cambodia	5	4	0
Cameroon	7	7	0
Canada	37	1	35
Central African Republic	2	2	0
Chad	6	6	0
Chile	16	8	5
China	82	0	43
Colombia	10	6	0
Comoros	3	3	0

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 17 April 2023.

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
Congo	14	11	0
Costa Rica	12	1	11
Côte d'Ivoire	6	4	0
Croatia	5	0	0
Cuba	6	0	6
Cyprus	1	1	0
Czechia	14	14	0
Democratic People's Republic of	2	0	0
Korea	2	0	0
Democratic Republic of the Congo	4	2	0
Denmark	43	3	28
Djibouti	1	1	0
Dominican Republic	6	4	0
Ecuador	19	5	13
Egypt	4	4	0
El Salvador	8	3	1
Equatorial Guinea	3	2	1
Estonia	17	0	2
Eswatini	3	3	0
Fiji	2	1	0
Finland	49	8	38
France	53	16	23
Gabon	9	8	1
Gambia	3	3	0
Georgia	4	1	0
Germany	35	7	27
Ghana	6	4	2
Greece	10	10	0
Grenada	1	10	0
Guatemala	7	5	1
Guinea	16	10	6
Guinea-Bissau	4	10	3
Honduras	12	3	3
Hungary	29	25	0
Iceland	6	6	0
India	75	10	16
Indonesia	7	3	4
Iran (Islamic Republic of)	25	3	18
, <u>, , ,</u>	4	4	0
Iraq Ireland	45	3	11
Israel	2	2	0
	57	50	0
Italy		0	3
Jamaica	4		
Japan	53	43	6
Jordan	2	1	0
Kazakhstan	10	10	0
Kenya	6	5	1

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ²	Sites for which the Secretariat has received updated information ³
Kiribati	1	1	0
Kuwait	1	1	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
Libya	2	2	0
Liechtenstein	1	1	0
Lithuania	7	7	0
Luxembourg	2	2	0
Madagascar	21	13	0
Malawi	2	0	1
Malaysia	7	5	2
Mali	4	4	0
Malta	2	0	2
Marshall Islands	2	2	0
Mauritania	4	2	2
Mauritius	3	3	0
Mexico	144	108	34
Monaco	1	1	0
Mongolia	11	0	11
Montenegro	3	2	0
Morocco	38	14	10
Mozambique	2	2	0
Myanmar	6	2	1
Namibia	5	5	0
Nepal	10	10	0
Netherlands	54	6	0
New Zealand	7	1	4
Nicaragua	9	1	8
Niger	14	0	0
Nigeria	11	11	0
North Macedonia	3	2	0
Norway	63	0	1
Oman	2	1	0
Pakistan	19	19	0
Palau	1	1	0
Panama	5	4	0
Papua New Guinea	2	0	2
	6	6	0
Paraguay Peru	14	10	2
	8	3	4
Philippines Polond		0	
Poland	19		0
Portugal	31	31	0
Republic of Korea	24	7	12

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ²	Sites for which the Secretariat has received updated information ³
Republic of Moldova	3	3	0
Romania	20	16	2
Russian Federation	35	35	0
Rwanda	1	1	0
Saint Lucia	2	2	0
Samoa	2	1	0
Sao Tome and Principe	1	1	0
Senegal	9	1	2
Serbia	11	8	1
Seychelles	3	3	0
Sierra Leone	1	1	0
Slovakia	14	3	11
Slovenia	3	1	2
South Africa	29	3	20
South Sudan	1	1	0
Spain	76	66	0
Sri Lanka	6	5	1
Sudan	4	0	3
Suriname	1	1	0
Sweden	68	39	0
Switzerland	11	8	0
Syrian Arab Republic	1	1	0
Tajikistan	5	5	0
Thailand	15	0	14
Тодо	4	4	0
Trinidad and Tobago	3	3	0
Tunisia	42	29	12
Türkiye	14	12	2
Turkmenistan	1	1	0
Uganda	12	2	10
Ukraine	50	13	0
United Arab Emirates	10	1	4
United Kingdom of Great Britain	175	160	11
and Northern Ireland	1/2	163	11
United Republic of Tanzania	4	4	0
United States of America	41	32	5
Uruguay	3	2	1
Uzbekistan	3	2	0
Vanuatu	1	0	0
Venezuela (Bolivarian Republic of)	5	5	0
Viet Nam	9	8	0
Yemen	1	1	0
Zambia	8	8	0
Zimbabwe	7	6	1
Grand Total	2492	1275	561

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 for which 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 17 April 2023, and files which were closed between 1 July 2022 and 17 April 2023.

* 50 files with no update received from the Administrative Authority for two years or more (since 2021)

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

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
781	Albania	Karavasta Lagoon ecosystem**	05/04/2017			Tourist resort development.	Awaiting AA update (2017)	other
1290	Albania	Butrint**	12/10/2009			Urban developments, fish farm, new road.	Awaiting AA update (2013)	other
1598	Albania	Lake Shkodra and River Buna**	14/03/2008			Urban developments, removal of vegetation.	Awaiting AA update (2013)	other
280	Algeria	Réserve Intégrale du Lac Oubeïra**	02/02/2017			Introduction of a species of fish that has caused an ecological imbalance of the Site and the disappearance of certain plant species.	Awaiting AA update (2017)	AA
1056	Algeria	Complexe de zones humides de la plaine de Guerbes-Sanhadja**	01/02/2016			Encroachment and agriculture extension.	New threats reported (2017)	other
759	Argentina	Laguna de Llancanelo*	02/07/2001		Х	Potential change in the ecological character due to oil activities, invasive species and trans-basin diversion of Rio Grande to Atuel river.	Update received from AA (2021)	AA
620	Armenia	Lake Sevan**	01/01/2010			Organic pollution of water, fish stocks diminished.	Awaiting AA update (2013)	AA

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

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
286	Australia	Towra Point	17/08/2017			Changes to Site geomorphology is causing declines in the area of saltmarsh habitat, the abundance and diversity of shorebird species, and the number of breeding little terns.	Update received from AA (2022)	AA
321	Australia	The Coorong, Lake Alexandrina & Albert Wetland*	13/05/2007			Site has deteriorated due to alterations to the water flows into and within the Ramsar Site.	Update received from AA (2020)	AA
337	Australia	Macquarie Marshes*	20/07/2009			Reduction in inundation frequency, decline in key wetland vegetation communities.	Update received from AA (2020)	AA
993	Australia	Gwydir Wetlands: Gingham and Lower Gwydir Watercourses*	23/09/2003			Damage to part of the site due to illegal land-use. Legal action was taken against the parties concerned.	Update received from AA (2020)	AA
272	Austria	Donau-March-Thaya- Auen**	04/07/1990		х	Transport infrastructure planned. RAM 22 (April 1991).	Awaiting AA update (2010)	AA
532	Austria	Pürgschachen Moor**	27/11/2015			Hydrological management (drains and excavation pond).	Awaiting AA update (2016)	AA
1091	Belarus	Olmany Mires Zakaznik*	07/09/2018			Power lines construction	Awaiting AA update (2020)	Other
327	Belgium	Schorren van de Beneden Schelde**	22/12/1987		Х	Lowering of the water table & eutrophication. RAM 1 (February 1988).	Awaiting AA update (2012)	AA
329	Belgium	De Ijzerbroeken te Diksmuide en Lo-Reninge**	30/06/2005		Х	Depleted water quantity and quality.	Awaiting AA update (2012)	AA
1562	Belize	Sarstoon Temash National Park**	20/05/2009			Concession to perform seismic testing for oil and natural gas.	Awaiting AA update (2013)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
1017	Benin	Basse Vallée du Couffo, Lagune Côtiere, Chenal Aho, Lac Ahémé*	10/04/2017			Construction of hotels along the "Coastal Lagoon" which forms part of the hydrological complex of the site.	RAM 97 undertaken in December 2022	AA
						New threats reported as of 7 June 2018. Lac Toho which is part of the Site was facing high level of fish mortality since 26 May 2018.		
489	Bolivia (Plurinational State of)	Los Lípez*	29/07/2016 *			Change in the ecological character in the Silala wetlands by water diversion.	Update received from AA (2021)	AA
1181	Bolivia (Plurinational State of)	Lagos Poopó- Uru Uru	1/03/2021			Threat to the ecological character by water extraction and project of water diversion.	RAM 96 undertaken in October 2022	AA
64	Bulgaria	Srébarna**	02/04/1992		Х	Erosion of the river bed, euthrophication, vegetation succession. RAM 28 (April 1992). RAM 47 (October 2001).	Awaiting AA update (2017)	AA
293	Bulgaria	Durankulak Lake**	16/06/1993		Х	Eutrophication due to agriculture, fish and poultry farming. Lack of water management - likely over-abstraction.	Awaiting AA update (2017)	AA
222	Chile	Carlos Anwandter Sanctuary*	06/10/2006		Х	Large mortality of black-necked swans related to impacts of waste discharge from an upstream cellulose factory.	Issue is being actively addressed (2019)	AA
877	Chile	Complejo Lacustre Laguna del Negro Francisco y Laguna Santa Rosa*	28/08/2014 *			Change in ecological character caused by mining activities	Issue is being actively addressed (2019)	AA
951	Colombia	Sistema Delta Estuarino del Río Magdalena, Ciénaga Grande de Santa Marta*	23/03/2015 *		Х	Change in the ecological character due to agriculture and water diversion.	Update received from AA (2021)	AA
1740	Congo	Cayo-Loufoualeba**	01/01/2010			Extractive industry (mining)	Awaiting AA update (2012)	Other
540	Costa Rica	Palo Verde	13/10/2020			Construction of a water supply project.	Awaiting AA Update (2022)	AA

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
540	Costa Rica	Palo Verde**	16/06/1993		Х	Changes in the ecological character of the Site, particularly its hydrological characteristics, due to agricultural and cattle ranching activities in the surrounding area.	Awaiting AA update (2013)	AA
811	Costa Rica	Humedal Caribe Noreste*	15/11/2010			Change in the ecological character caused by open artificial channels.	Awaiting AA update (2021)	AA
1583	Côte d'Ivoire	Grand Bassam*	14/08/2014			The creation of a plantation of 1000 ha of palm tree in the Ramsar Site.	Awaiting AA update (2019)	Other
585	Croatia	Neretva River Delta**	01/01/2003			Planned three hydropower plants, irrigation projects, urban developments, reed burning, illegal hunting.	Awaiting AA update (2012)	AA
494	Czechia	Šumavská rašelinište**	01/04/2011			Change of management practices, reduction of non-intervention areas, increased logging activities. RAM 44 (June 2001).	Awaiting AA update (2012)	Other
495	Czechia	Trebonské rybníky**	01/01/1994		Х	Intensive fish farming, eutrophication, hunting, habitat destruction.	Awaiting AA update (2012)	AA
635	Czechia	Mokrady dolního Podyjí**	01/01/1999		х	Planned navigation canal.	Update received from AA (2018)	AA
638	Czechia	Litovelské Pomoraví**	01/01/1997		Х	Overexploitation of the aquifer, plans for a navigation canal.	Update received from AA (2018)	AA
639	Czechia	Poodrí**	01/01/1999		Х	Planned navigation canal.	Update received from AA (2018)	AA
787	Democratic Republic of the Congo	Parc national des Virunga**	01/03/2014		Х	Oil exploration scheme within the Park	Awaiting AA update (2017)	Other
788	Democratic Republic of the Congo	Parc national des Mangroves**	01/01/2009		Х	Construction work (port).	Awaiting AA update (2016)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
141	Denmark	Ringkøbing Fjord*	01/01/1990		х	Increasing eutrophication leads to decrease of populations of staging and wintering waterbirds. RAM 36 (September 1996).	Update received from AA (2020)	AA
143	Denmark	Nissum Fjord*	17/11/2009			Increasing eutrophication leads to decrease of populations of staging and wintering waterbirds.	Update received from AA (2021)	Other
389	Denmark	Heden**	28/04/2008			Construction of a road, runway and harbour in the most important moulting area for barnacle geese. RAM 61 (June 2009).	Awaiting AA update (2011)	Other
407	Egypt	Lake Bardawil**	04/07/1990		Х	Effect of the closing of the channels between the lagoon and the sea.	Awaiting AA update (2016)	Other
408	Egypt	Lake Burullus**	04/07/1990		х	Siltation, drainage and pollution.	RAM requested (2017)	Other
893	Georgia	Wetlands of Central Kolkheti**	27/07/2005			Oil terminal and railway construction at the site. RAM 54 (August 2005).	Awaiting AA update (2010)	AA
561	Germany	Mühlenberger Loch**	23/01/2001			Reduction of the site due to industrial expansion. RAM 46 (September 2001).	Awaiting AA update (2010)	AA
565	Ghana	Sakumo Ramsar Site*	27/01/2020			Possible pollution with organic waste and toxic substances. Encroachment of the wetland.	Awaiting AA update (2021)	Other
55	Greece	Lake Vistonis, Porto Lagos, Lake Ismaris & adjoining lagoons**	05/07/1990		Х	Agricultural, domestic and industrial runoff, increase of salinity, urban developments.	Awaiting AA update (2016)	Other
56	Greece	Nestos delta & adjoining lagoons**	07/07/1990		Х	Decreasing groundwater levels.	Awaiting AA update (2016)	Other
57	Greece	Lakes Volvi & Koronia**	06/07/1990		Х	Pollution from agricultural, domestic and industrial runoff.	Awaiting AA update (2016)	Other
59	Greece	Axios, Loudias, Aliakmon Delta**	04/07/1990		Х	Pollution, dam and irrigation networks considerably altered river hydrology.	Awaiting AA update (2016)	Other
61	Greece	Amvrakikos gulf**	04/07/1990		Х	Increased salinity and depleted water levels due to irrigation.	Awaiting AA update (2016)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
62	Greece	Messolonghi lagoons**	07/07/1990		Х	Construction works changed the hydrology and geomorphology of the area, overgrazing, illegal fishing, urban developments, waste disposal.	Awaiting AA update (2016)	Other
63	Greece	Kotychi lagoons**	04/07/1990		Х	Illegal hunting, agricultural runoff, pollution, overgrazing.	Awaiting AA update (2016)	Other
488	Guatemala	Parque Nacional Laguna del Tigre*	16/06/1993		х	Threat of natural resource extraction including logging, oil related activities and hunting as well as disordered settlement of communities.	Update received from AA (2020)	AA
1163	Guinea	Niger-Mafou*	01/03/2014			Extractive industry (mining).	RAM requested, awaiting confirmation by AA (2023)	AA
1164	Guinea	Niger-Niandan-Milo*	01/03/2014			Extractive industry (mining).	RAM requested, awaiting confirmation by AA (2023)	AA
1165	Guinea	Niger Source*	01/03/2014			Extractive industry (mining).	RAM requested, awaiting confirmation by AA (2023)	AA
1166	Guinea	Niger-Tinkisso*	01/03/2014			Extractive industry (mining).	RAM requested, awaiting confirmation by AA (2023)	AA
1167	Guinea	Sankarani-Fié*	01/03/2014			Extractive industry (mining).	RAM requested, awaiting confirmation by AA (2023)	AA
1168	Guinea	Tinkisso*	01/03/2014			Extractive industry (mining).	RAM requested, awaiting confirmation by AA (2023)	AA

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
722	Honduras	Parque Nacional Jeanette Kawas**	19/06/2006			Change in the ecological character due to building of tourist infrastructure.	Awaiting AA update (2015)	Other
422	Hungary	Bodrogzug*	10/11/2016			Increased water levels, siltation and resulting climate and flood pattern change, waterbed drying, decline of grazing and mowing, invasive alien species, marsh tern colonies reduction, siltation and eutrophication causing occasional mass extinction of fish, droughts and lack of late spring and early summer floods due to climate change. spreading and feeding of wild boar partly due to absence of floods.	Update received from AA (2020)	AA
1410	Hungary	Upper Tisza (Felsö-Tisza)*	10/11/2016			Water quality decline, extreme water fluctuations, spreading of invasive alien species, reduction and deterioration of important forest habitats, decline of grasslands use - affected Criteria 1,2,4.	Update received from AA (2020)	AA
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 AA update (2013)	AA
230	India	Keoladeo National Park	04/07/1990		X	Shortage of water due to decreased rainfall during monsoon and dam upstream that controls the water flow to the Site. Recent update indicates that the ecological character of the Site has improved, and AA is assessing removal from Montreux Record.	Update received from AA (2023)	AA
463	India	Loktak Lake**	16/06/1993		Х	Deforestation in the catchment area, infestation with water hyacinth and pollution (COP5 DOC. C.5.16, para.202)	Awaiting AA update (2008)	AA

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
554	Indonesia	Berbak National Park**	23/11/2015			Peat and forest fires of 2015, including large areas of the Ramsar Site. RAM 85 (March 2017)	Awaiting AA update (2018)	AA
38	Iran (Islamic Republic of)	Lake Urmia [or Orumiyeh]**	05/09/2011			Lake is drying out because of climate change and mismanagement of water resources in the lake basin.	Awaiting AA update (2016)	AA
39	Iran (Islamic Republic of)	Neiriz Lakes & Kamjan Marshes**	04/07/1990		Х	Drainage of water from Site; agricultural activities.	Awaiting AA update (2008)	AA
40	Iran (Islamic Republic of)	Anzali Wetland	31/12/1993		x	Illegal hunting has been controlled and waterbirds population has an increasing trend in ten years. Invasive species proliferation has been controlled. Water quality has not improved and water depth has decreased.	Update received in an RIS update (2023)	AA
41	Iran (Islamic Republic of)	Shadegan Marshes & mudflats of Khor-al Amaya & Khor Musa**	16/06/1993		Х	Chemical pollution; proposed drainage of Site for agricultural development.	Awaiting AA update (2008)	AA
42	Iran (Islamic Republic of)	Hamun-e-Saberi & Hamun- e-Helmand**	04/07/1990		Х	Insufficient water flow into the Site has led to it drying out.	Update received from AA (2014)	AA
44	Iran (Islamic Republic of)	Hamun-e-Puzak, south end**	04/07/1990		Х	Insufficient water flow into the Site has led to it drying out.	Update received from AA (2014)	AA
45	Iran (Islamic Republic of)	Shurgol, Yadegarlu & Dorgeh Sangi Lakes**	04/07/1990		Х	Yadegarlu faced problems with drought and contamination by military action (COP5 DOC. C.5.16, para. 203)	Issue is being actively addressed (2016)	AA
49	Iran (Islamic Republic of)	Alagol, Ulmagol and Ajilgol Lakes**	25/08/2011			Construction of a railway track.	Awaiting AA update (2011)	other
53	Iran (Islamic Republic of)	Gavkhouni Lake and marshes of the lower Zaindeh Rud**	01/02/2016			Water over-extraction and pollution of Zaindeh Rud; groundwater overextraction for agriculture.	Awaiting AA update (2016)	AA
1718	Iraq	Hawizeh Marsh*	28/04/2010		Х	Construction of dams upstream and water control structures, oil exploration. RAM 88 (December 2017)	Awaiting AA update (2019)	AA

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
133	Italy	Stagno di Molentargius**	22/05/2012			The Site is drying out.	Awaiting AA update (2012)	Other
190	Italy	Laguna di Marano: Foci dello Stella**	27/01/2009			Erosion of salt marshes decreased numbers of wintering birds.	Awaiting AA update (2012)	Other
423	Italy	Laguna di Venezia: Valle Averto*	15/07/2014			Plans to dig a deep-water shipping channel across the lagoon. RAM 80 (October 2015). RAM 94 (January 2020)	Awaiting AA update (2021)	Other
135	Jordan	Azraq Oasis**	04/07/1990		Х	Drying out of the oasis due to increased abstraction of water and reduced rainfall.	Awaiting AA update (2017)	Other
108	Kazakhstan	Lakes of the lower Turgay and Irgiz**	18/11/2011			Decrease in water supply that is affecting wildlife, flora and also human settlements, barrages across the River Turgay and its tributaries cut water supply.	Awaiting AA update (2011)	Other
1498	Kenya	Lake Elmenteita *	07/11/2019			The Site is threatened by a powerline construction.	Update received from AA (2021)	Other
1231	Kyrgyzstan	The Issyk-kul State Nature Reserve with the Issyk-kul Lake**	12/11/2002			Inadequate treatment of waste water before it is discharged into the lake.	Update received from AA (2014)	AA
1588	Kyrgyzstan	Chatyr Kul**	01/11/2012			Son-Kol: overgrazing, illegal fishing and inadequate tourism management.	Update received from AA (2014)	AA
1631	Liberia	Mesurado Wetlands*	12/08/2020			Oil spill into the Mesurado River near its mouth, industrial waste, encroachment	Awaiting AA update (2020)	AA
869	Malawi	Lake Chilwa*	01/08/2013			Mineral extraction	RAM requested, wating for AA confirmation (2023)	AA
1287	Malaysia	Pulau Kukup**	10/04/2014			Proposed ship-to-ship (STS) transfer activities within the Kukup port limits; STS will use super tankers as floating storage terminals for crude oil.	Awaiting AA update (2017)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
1288	Malaysia	Sungai Pulai*	10/04/2014			Loss of mangroves due to construction, Forest City project. Possible impacts from a new bridge, water pollution, impacts on Seletar people (sea gypsies).	Awaiting AA update (2019)	other
1289	Malaysia	Tanjung Piai**	10/04/2014			Strong waves are causing erosion of the shoreline. An ecological assessment of the threats and other preventive measures were planned in 2017.	Awaiting AA update (2017)	Other
732	Mexico	Marismas Nacionales**	05/08/2014			Building of Las Cruces Hydroelectric Project.	Awaiting AA update (2017)	AA
1346	Mexico	Parque Nacional Sistema Arrecifal Veracruzano**	24/09/2013			Threat caused by a proposal to expand Veracruz port.	Awaiting AA update (2017)	Other
784	Montenegro	Skadarsko Jezero*	24/12/2009			Pollution by an aluminium plant, bird disturbance and poaching. RAM 56 (October 2005).	Update received from AA (2021)	Other
1391	Mozambique	Zambezi Delta**	01/01/2008			Oil and gas exploration	RAM report published (2009)	Other
443	New Zealand	Whangamarino	06/04/2023			Affected by a "black water event" resulting in very low oxygen levels and proliferation of algae and bacteria, and a botulism outbreak causing high mortality of birds and fish.	New threats reported (2023)	AA
1138	Nicaragua	Refugio de Vida Silvestre Río San Juan*	30/11/2010			Project for the improvement of the navigation of the San Juan River.	Awaiting AA update (2019)	AA
1139	Nicaragua	Sistema de Humedales de la Bahía de Bluefields**	15/01/2007		Х	Potential changes in the ecological character as a consequence of the proposed construction of an all- weather road.	Awaiting AA update (2015)	AA
1140	Nicaragua	Sistema de Humedales de San Miguelito**	23/10/2014			Threat to the ecological character caused by the Interoceanic Nicaragua Channel. RAM 81 (January 2015).	Awaiting AA update (2017)	AA

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
1073	Niger	Zone humide du moyen Niger	07/12/2016	03/11/ 2022		Development work planned on a site adjacent to the Ramsar Site.	RAM cancelled by the Contracting Party (2022)	AA
1383	Niger	Zone Humide du Moyen Niger II	07/01/2021	03/11/ 2022		Possible threat reported by the AA concerning a development project funded by MCA/USA.	RAM cancelled by the Contracting Party (2022)	AA
726	North Macedonia	Lake Prespa*	28/03/2006			Eutrophication, overexploitation.	RAM requested and in preparation (2020)	AA
305	Norway	Øra	02/01/2020			Dredging activities.	Update received from AA (2022)	AA
307	Norway	Nordre Oyeren	27/11/2015			Raising of water level in mid-May - affecting waders during spring migration	Update received from AA (2022)	Other
308	Norway	llene and Presterodkilen Wetland System	21/01/2005			New railway and road system plans.	Update received from AA (2022)	AA
804	Norway	Lista Wetlands System	13/04/2021			Large development plan – the so- called "Lista Renewable Energy Park" close to Ramsar Site.	New threats reported (2022)	AA
806	Norway	Harøya Wetlands System *	25/01/2021			Construction of Havsul 1 offshore wind project in Sandøy and Aura, Møre og Romsdal county.	Update received from AA (2021)	Other
1949	Norway	Evenes wetland system	10/10/2019			Airport extension and plane noise pollution.	Update received from AA (2022)	Other
2164	Norway	Runde	19/01/2021			Construction of Havsul 1 offshore wind project in Sandøy and Aura, Møre og Romsdal county.	Update received from AA (2022)	Other
99	Pakistan	Kinjhar Lake**	05/02/2009			Industrial waste pollution from feeder river to the lake; decline in waterbirds and water not suitable for drinking.	Awaiting AA update (2009)	Other
101	Pakistan	Haleji Lake**	14/04/2009			Plan to develop right bank outfall drain next to the Site.	Awaiting AA update (2009)	Other
1067	Pakistan	Jubho Lagoon**	18/12/2008			Pollution.	Awaiting AA update (2009)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
656	Philippines	Olango Island Wildlife Sanctuary**	01/08/2012			Proposed reclamation project in Cordova coastal area, a nearby island of OIWS. Ongoing discussions to address the issue.	Awaiting AA update (2017)	AA
2124	Philippines	Las Piñas-Parañaque Critical Habitat and Ecotourism Area (LPPCHEA)**	13/02/2014			Proposed reclamation of the Manila Bay, specifically areas adjacent to LPPCHEA. Petitions were filed to avert the reclamation projects. Issue is being actively addressed.	Awaiting AA update (2017)	AA
2209	Republic of Korea	Songdo Tidal Flat*	26/06/2020			Plans to build a road/elevated highway bypass. There is to be an environmental impact assessment (EIA) conducted.	Awaiting AA update (2020)	Other
521	Romania	Danube Delta**	18/08/2004			Possible transboundary influences due to the reopening of a navigable waterway (Bistroe channel). RAM 53 (October 2003), follow-up mission (April 2005).	Awaiting AA update (2014)	AA
1074	Romania	Small Island of Braila**	28/04/2005			Works to improve navigation conditions potentially affecting the Site's ecological character.	Awaiting AA update (2009)	AA
2065	Romania	Olt - Danube Confluence**	10/07/2012			Construction of a dam planned at the Ramsar Site.	Awaiting AA update (2012)	Other
690	Russian Federation	Kurgalsky Peninsula*	05/10/2017			Planned Nord Stream 2 gas pipeline construction. RAM 93 (November 2019)	RAM report published (2019)	Other
1014	Sierra Leone	Sierra Leone River Estuary*	27/01/2013			Urban development (expansion of Freetown City). Due to population increase in the city, the government has secured a project to construct a public market and may affect the ecological character of the Site.	RAM requested, awaiting confirmation of AA (2023)	Other
929	Slovakia	Orava River and its Tributaries**	27/04/2017			Arsenic pollution.	Awaiting AA update (2017)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
586	Slovenia	Secoveljske soline**	05/03/2007			Illegal hunting.	Awaiting AA update (2008)	AA
991	Slovenia	Skocjanske Jame **	27/04/2007			Implementation of the national location plan for drinking water supply.	Awaiting AA update (2007)	Other
343	South Africa	Blesbokspruit*	01/01/1996		Х	Pollution from underground mine water.A mining project development near the Ramsar Site, which may affect the wetland and its fauna and flora.	Awaiting AA update (2019)	AA
526	South Africa	Orange River Mouth*	01/01/2009		X	Collapse of salt marsh component of the Site as a result of diamond mining activities and dam construction.On 7 April 2019, another threat was raised, the river had experienced very low river levels during the summer months and was running dry (4th time in 3 years). This diminishing water level is impacting aquatic fauna and flora and causing the proliferation of aquatic weeds; death of indigenous riverine vegetation.	Update received from AA (2020)	AA
887	South Africa	Ndumo Game Reserve*	24/06/2019			Extensive farming activities coupled with significant management issues.	Awaiting AA update (2021)	Other
234	Spain	Doñana*	04/07/1990		X	Intensive agriculture, dam construction, pollution, overfishing, overexploitation of the aquifers, tourism pressures, drainage, gas and oil exploitation, navigation disturbance. RAM 51 (October 2002). RAM 70 (January 2011). RAM 95 (February 2020)	Awaiting AA update on the implementation of RAM recommendations (2021).	other
235	Spain	Las Tablas de Daimiel**	01/01/2009		Х	Over-exploitation of the aquifer. Guadiana river ceased flowing in the Ramsar Site. RAM 2 (March 1988)	Issue is being actively addressed (2017)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
449	Spain	S'Albufera de Mallorca*	01/04/2009			Golf course development, deterioration of water quality, insufficient monitoring and surveillance. RAM 68 (October 2010).	Update received from AA (2021)	Other
592	Spain	Aiguamolls de l'Empordà*	10/01/2012			Destruction of wet meadows for rice agriculture and overexploitation of the aquifer.	Issue is being actively addressed (2020)	Other
593	Spain	Delta del Ebro**	08/08/2014			National Hydrologic Plan potentially affecting the Ramsar Site's ecological character.	Awaiting AA update (2015)	Other
706	Spain	Mar Menor*	01/01/2004			Eutrophication and water extraction.	Awaiting AA update (2019)	Other
736	Тодо	Reserve de faune de Togodo**	01/01/2014			Dam construction.	Awaiting AA update (2016)	AA
213	Tunisia	lchkeul**	04/07/1990		Х	Hydraulic development works in catchment area.	Awaiting AA update (2016)	AA
1700	Tunisia	Djerba Bin El Ouedian	24/03/2022			The Site is threatened by the construction of an industrial area and a waste treatment facility.	Update received by AA (2022)	AA
1712	Tunisia	Sebkhet Sejoumi*	13/02/2019			The Site is threatened by embankments of the water body on the Sidi side that could lead to a change in the ecological characteristics of this natural site of national and international importance.	RAM requested, awaiting confirmation by AA (2023)	Other
659	Türkiye	Lake Seyfe **	05/12/2014			Non-implementation of management pan.	Awaiting AA update (2016)	Other
945	Türkiye	Gediz Delta **	05/02/2013			Urban developments and proposed project for rehabilitation of Izmir Bay and Harbour. Planned to stock dredged materials in the coastal area.	Awaiting AA update (2016)	Other
394	Uganda	Lake George**	04/07/1990		Х	Some extractive industries are working around the Site.	Awaiting AA update (2018)	AA

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
1637	Uganda	Lutembe Bay Wetland System**	25/11/2015			Some extractive industries are working around this Site.	Awaiting AA update (2018)	АА
1640	Uganda	Murchison Falls-Albert Delta Wetland System**	25/11/2015			Some extractive industries are working around this Site.	Awaiting AA update (2018)	AA
763	Ukraine	Shagany-Alibei-Burnas Lakes System**	17/10/2016			A closure of the natural breach on the 24th km of the sand bar linked with the decrease of the water level by one metre, drying out of some of the basins and negative effect on migratory bird species.	Awaiting AA update (2017)	Other
765	Ukraine	Northern Part of the Dniester Liman**	15/08/2014			330kV high voltage transmission line project potentially crossing the Ramsar Site.	Awaiting AA update (2017)	Other
1715	United Arab Emirates	Ras Al Khor Wildlife Sanctuary	15/04/2013			Development pressure around the Site and potential impacts from canal construction within the Site. RAM 86 (May 2017)	Update received from AA (2022)	Other
77	United Kingdom of Great Britain and Northern Ireland	Ouse Washes*	18/07/2000		х	Water management problems. RAM 49 (November 2001).	Issue is being actively addressed (2021)	AA
298	United Kingdom of Great Britain and Northern Ireland	The Dee Estuary*	21/11/2007		Х	Industrial and transport developments. RAM 34 (November 1994).	Awaiting AA update (2021)	Other
967	United Kingdom of Great Britain and Northern Ireland	Ballynahone Bog*	05/06/2018			Effluents of nearby poultry factory.	Update received from AA (2021)	Other

Site no	Contracting Party	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment action	Reporter ⁴
1173	United Republic of Tanzania	Kilombero Valley Floodplain*	20/03/2014			The management of regulatory gaps and conflicts among resource users and stakeholders. In addition, the effectiveness of traditional conservation services is questioned in face of more complex and conflictual Social dynamics and demands for access to land; a surge in poaching.	Awaiting AA update (2019)	AA
374	United States of America	Everglades National Park**	16/06/1993		X	Changes in the natural water flows and nutrient enrichment due to agricultural practices and development in the surrounding area.	Issue is being actively addressed (2014)	AA
1841	Uzbekistan	Aydar-Arnasay Lakes system*	14/07/2020			Plan for nuclear power plant.	Awaiting AA update (2020)	AA
2107	Zimbabwe	Monavale Wetland	25/08/2017			Harare's wetlands are under threat as result of illegal construction of housing and commercial units and urban farming activities.	Issue is being actively addressed (2023)	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 17 April 2023 for the Sites listed. Files which were opened and subsequently closed during the reporting period are not included.

Site no	Contracting Party	Site name	Opening date	Closing date	Issue summary	Comment action
1488	Antigua and	Codrington Lagoon*	24/02/2020		Large scale earthmoving equipment and excavators are	Awaiting AA
	Barbuda				clearing and drilling the site.	confirmation (2020)
269	Australia	Gippsland Lakes*	27/04/2021		Proposed Rare Earth Element Mine at Glenaladale in	Awaiting AA
					Eastern Victoria in the catchment of the Site.	confirmation (2021)
269	Australia	Gippsland Lakes*	30/11/2009		Dredging of the Lakes' entrance caused an increase in	Awaiting AA update
					the salinity of the site, but declining freshwater flows	(2020)
					and increased nutrients; invasion of European shore	
					crab and marine algal species.	
631	Australia	Moreton Bay	08/12/2015		Proposed Toodah Harbour which was referred to under	Update received
					the EPBC Act on 25 November 2015 (ref. EPBC	from AA (2022)
					2016/7612) for potential impacts to the Ramsar Site.	
					The impact of the project was being assessed as of	
					December 2022.	
560	Bangladesh	Sundarbans Reserved Forest**	09/06/2011		Construction of coal-fired power plant. Plans to develop	Awaiting AA update
					a coal mine in Phulbari. In addition, the impacts from	(2016)
					the proposed construction of the Rampal power plant	
					which may cause air and water pollution, an increase in	
					shipping and dredging, and removal of freshwater from	
					an already saline environment.	
1180	Burundi	Parc National de la Rusizi**	01/01/2013		Large-scale sugar cane plantation.	Awaiting AA
						confirmation (2016)
460	Iceland	Thjörsárver**	22/04/2010		Plans for a hydropower plant and dam.	Awaiting AA
						confirmation (2012)

Site no	Contracting Party	Site name	Opening date	Closing date	Issue summary	Comment action
461	India	Wular Lake**	14/02/2014		Unplanned development and illegal encroachment.	Awaiting AA update (2014)
462	India	Harike Lake**	14/02/2014		Reduction in size of the lake.	Awaiting AA update (2014)
464	India	Sambhar Lake*	15/11/2019		A mass mortality event of water birds occurred at Sambhar Salt Lake in 2019 which was thought to have been related to botulism. Information was provided by a third party which has not been confirmed by the AA of India.	Awaiting AA confirmation (2019)
464	India	Sambhar Lake**	27/04/2009		Unauthorized salt extraction and excess pumping of groundwater is shrinking the lake which has other consequent effects to local people and biodiversity, including decline in flamingo population.	Awaiting AA confirmation (2009)
1204	India	Ashtamudi Wetland**	13/06/2012		Kollam Corporation dumping solid waste to the banks of the Lake; also illegal construction of solid waste treatment plant.	Awaiting AA update (2012)
1207	India	Deepor Beel**	23/05/2013		Fishing, siltation, illegal constructions and encroachment; factory chemical wastes dumped into the wetland (several fish of different species have been found dead). Proposed construction of a railway line next to the elephant corridor.	Awaiting AA update (2013)
1208	India	East Calcutta Wetlands**	27/08/2010		Threat of urban encroachment and noxious pollutant escalation.	Awaiting AA confirmation (2017)
1209	India	Kolleru Lake**	07/06/2016		Multiple threats including several development activities, wetland area encroachment, and illegal fisheries.	Awaiting AA confirmation (2016)
1212	India	Sasthamkotta Lake**	05/05/2013		Drought, waste dumping and lack of management.	Awaiting AA update (2013)
1214	India	Vembanad-Kol Wetland**	30/08/2010		Industrial project given permit to start at the Ramsar Site; the Banyan Tree Resort does not conform with the environmental regulations	Awaiting AA update (2013)
413	Ireland	Baldoyle Bay*	01/05/2019		Pipeline construction in the Site.	Awaiting AA confirmation (2020)

Site no	Contracting Party	Site name	Opening date	Closing date	Issue summary	Comment action
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 within the Site.	Awaiting AA confirmation (2012)
1812	Italy	Lagustelli di Percile**	10/03/2015		Improper management - including uphill water captation.	Awaiting AA confirmation (2015)
1856	Kazakhstan	Ural River Delta and adjacent Caspian Sea coast**	18/11/2011		Construction of an oil response base.	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)
666	Mauritania	Parc National du Diawling**	20/12/2016		Construction of the new port on the Ramsar Site.	Awaiting AA confirmation (2016)
1044	Mauritania	Chat Tboul**	20/12/2016		Construction of a port on the Ramsar site.	Awaiting AA confirmation (2016)
1744	Mauritius	Blue Bay Marine Park*	14/01/2019		The Site is threatened by Property Development projects	Awaiting AA confirmation (2019)
1988	Mauritius	Pointe d'Esny Wetland*	12/04/2018		Pointe d'Esny is being threatened by property development projects proposing villas to be built around the neighbouring wetlands that have been registered by the authorities.	Awaiting AA confirmation (2019)
1478	Morocco	Embouchure de la Moulouya*	01/01/2010		Pollution; development of new pumping station that may dry up the ecological flow that maintains biodiversity and the functioning of the wetland.	Awaiting AA confirmation (2020)
1964	Mozambique	Lake Niassa and its Coastal Zone**	01/01/2012		Oil exploration.	Awaiting AA confirmation (2015)
742	Namibia	Walvis Bay**	22/05/2017		Walwis Bay Waterfront Project to develop a small area of the lagoon into a marina and an on-land waterfront.	Awaiting AA confirmation (2017)
744	Namibia	Orange River Mouth*	07/04/2019		The river has experienced very low river levels during the summer months and is running dry (4th time in 3 years). These continual low levels in summer have had and will continue to have a huge environmental impact on a very sensitive ecosystem with major effects on all	Awaiting AA confirmation (2020)

Site no	Contracting Party	Site name	Opening date	Closing date	Issue summary	Comment action
					aquatic based fauna and flora: indigenous fish spawning patterns; proliferation of aquatic weeds; death of indigenous riverine vegetation.	
818	Pakistan	Uchhali Complex**	06/04/2014		Proposed reconstruction of road through the wetland site.	Awaiting AA update (2014)
2271	Philippines	Negros Occidental Coastal Wetlands Conservation Area (NOCWCA) *	09/06/2020		Proposed bridge planned to be located within the Ramsar Site.	Awaiting AA confirmation (2020)
212	Portugal	Ria Formosa**	11/03/2009		New resort project close to the river.	Awaiting AA confirmation (2009)
826	Portugal	Estuário do Sado**	17/10/2018		Dredging close to the Site.	Awaiting AA confirmation (2018)
1029	Republic of Moldova	Lower Prut Lakes**	20/05/2005		Oil drilling next to the Ramsar Site.	Awaiting AA confirmation (2010)
110	Russian Federation	Kandalaksha Bay**	04/05/2012		Plans for the construction of a gas plant within the Ramsar Site.	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 in Lake Baikal.	Awaiting AA confirmation (2008)
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)
2327	Senegal	Réserve Naturelle d'Intérêt Communautaire de la Somone*	23/01/2019		The site is threatened by a project for construction of a hotel, resulting from the declassification of a part of the Reserve. According to the third party, the construction	Awaiting AA confirmation (2019)

Site no	Contracting Party	Site name	Opening date	Closing date	Issue summary	Comment action
					of a hotel may have catastrophic ecological consequences, on the fauna and flora, on the migration of the birds, as well as their reproduction.	
398	South Africa	Langebaan**	07/03/2018	05/12/2022	2003: erosion issue and groyne construction affecting the Site. 2007: planned expansion of the Saldanha iron ore terminal. In 2018, the Site was threatened by wide-scale pollution from aquaculture activities.	Awaiting AA confirmation (2018)
524	South Africa	Wilderness Lakes*	11/03/2019	05/12/2022	The Site is threatened by the use of toxins within the wetlands. This site has already-identified threats, namely the impact of mining and the regulation of the natural flow as a result of dams and increased water use upstream.	Closed in 2022
525	South Africa	Verlorenvlei*	21/07/2009		The Site is threatened by a proposed mining project called Riviera Tungsten Mine.	Awaiting AA confirmation (2019)
888	South Africa	Seekoeivlei Nature Reserve*	01/01/2013	05/12/2022	Raw sewage problem.	
2291	South Africa	Bot - Kleinmond Estuarine System*	27/03/2019	05/12/2022	Development of a private tourist project.	Closed in 2022
452	Spain	Complejo intermareal Umia- Grove**	20/01/2014		Heavy metals 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		Impact of the war on the status of the Site is unknown.	Awaiting AA confirmation (2010)
1707	Tunisia	Lagunes du Cap Bon oriental*	02/03/2020		Ecological character change of the lake due to pollution from spillage (overflow) of waste water in the lagoon of Tazarka impacting on birds, fish and other fauna.	Awaiting AA confirmation (2020)
945	Türkiye	Gediz Delta**	06/10/2017		Bridge construction near the Ramsar Site.	Awaiting AA confirmation (2017)