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:

1. to take note of the updated report on the status of Sites on the List of Wetlands of International Importance;
2. to advise on activities to be undertaken by regional representatives on the Standing   
   Committee and those Contracting Parties directly concerned; and
3. 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.”

2. 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 47unilateral Ramsar Sites[[1]](#footnote-2).

**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.

10. 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 threats 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.

## Annexes

1. Newly designated Ramsar Sites added to the List from 1 July 2022 to 17 April 20237

2. List of 101 Ramsar Sites for which nine Parties provided updated Ramsar Information Sheets   
and maps between 1 July 2022 to 17 April 20239

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 202312

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 202313

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)17

4b. List of Ramsar Sites with reports from other sources, not confirmed by Parties, of   
human-induced negative changes33

**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 |
| 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 Africa | 2501 | Middelpunt Nature Reserve | 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 |
| Ireland | 833 | The Broadmeadow Estuary | 07/06/1996 | 546 | 06/07/2022 |
| Ireland | 834 | Dundalk Bay | 07/06/1996 | 4,768 | 06/07/2022 |
| 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 Pettemerduinen | 15/06/1988 | 770 | 01/11/2022 |
| 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 | Ijsselmeer | 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 |
| Netherlands | 1274 | Ketelmeer and Vossemeer | 29/08/2000 | 3,900 | 01/11/2022 |
| Netherlands | 1275 | Oostelijke Vechtplassen | 29/08/2000 | 6,475 | 16/12/2022 |
| 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** | **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 | 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-Helmand | 23/06/1975 | yes | no |
| 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]](#footnote-3)** | **Sites for which the Secretariat has received updated information[[3]](#footnote-4)** |
| --- | --- | --- | --- |
| 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 |
| 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 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 | 1 | 0 |
| Guatemala | 7 | 5 | 1 |
| Guinea | 16 | 10 | 6 |
| Guinea-Bissau | 4 | 1 | 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 |
| Iraq | 4 | 4 | 0 |
| Ireland | 45 | 3 | 11 |
| Israel | 2 | 2 | 0 |
| Italy | 57 | 50 | 0 |
| Jamaica | 4 | 0 | 3 |
| Japan | 53 | 43 | 6 |
| Jordan | 2 | 1 | 0 |
| Kazakhstan | 10 | 10 | 0 |
| Kenya | 6 | 5 | 1 |
| 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 |
| Paraguay | 6 | 6 | 0 |
| Peru | 14 | 10 | 2 |
| Philippines | 8 | 3 | 4 |
| Poland | 19 | 0 | 0 |
| Portugal | 31 | 31 | 0 |
| Republic of Korea | 24 | 7 | 12 |
| 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 |
| Togo | 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 and Northern Ireland | 175 | 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]](#footnote-5)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |  | X | 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 |
| 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 |  | X | 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 |  | X | 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 |  | X | 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 |
| 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.   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. | RAM 97 undertaken in December 2022 | AA |
| 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 |  | X | 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 |  | X | 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 |  | X | 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\* |  | X | 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 |
| 540 | Costa Rica | Palo Verde\*\* | 16/06/1993 |  | X | 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 |  | X | Intensive fish farming, eutrophication, hunting, habitat destruction. | Awaiting AA update (2012) | AA |
| 635 | Czechia | Mokrady dolního Podyjí\*\* | 01/01/1999 |  | X | Planned navigation canal. | Update received from AA (2018) | AA |
| 638 | Czechia | Litovelské Pomoraví\*\* | 01/01/1997 |  | X | Overexploitation of the aquifer, plans for a navigation canal. | Update received from AA (2018) | AA |
| 639 | Czechia | Poodrí\*\* | 01/01/1999 |  | X | Planned navigation canal. | Update received from AA (2018) | AA |
| 787 | Democratic Republic of the Congo | Parc national des Virunga\*\* | 01/03/2014 |  | X | Oil exploration scheme within the Park | Awaiting AA update (2017) | Other |
| 788 | Democratic Republic of the Congo | Parc national des Mangroves\*\* | 01/01/2009 |  | X | Construction work (port). | Awaiting AA update (2016) | Other |
| 141 | Denmark | Ringkøbing Fjord\* | 01/01/1990 |  | X | 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 |  | X | 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 |  | X | 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 |  | X | Agricultural, domestic and industrial runoff, increase of salinity, urban developments. | Awaiting AA update (2016) | Other |
| 56 | Greece | Nestos delta & adjoining lagoons\*\* | 07/07/1990 |  | X | Decreasing groundwater levels. | Awaiting AA update (2016) | Other |
| 57 | Greece | Lakes Volvi & Koronia\*\* | 06/07/1990 |  | X | Pollution from agricultural, domestic and industrial runoff. | Awaiting AA update (2016) | Other |
| 59 | Greece | Axios, Loudias, Aliakmon Delta\*\* | 04/07/1990 |  | X | Pollution, dam and irrigation networks considerably altered river hydrology. | Awaiting AA update (2016) | Other |
| 61 | Greece | Amvrakikos gulf\*\* | 04/07/1990 |  | X | Increased salinity and depleted water levels due to irrigation. | Awaiting AA update (2016) | Other |
| 62 | Greece | Messolonghi lagoons\*\* | 07/07/1990 |  | X | 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 |  | X | Illegal hunting, agricultural runoff, pollution, overgrazing. | Awaiting AA update (2016) | Other |
| 488 | Guatemala | Parque Nacional Laguna del Tigre\* | 16/06/1993 |  | X | 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 |
| 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 |  | X | Deforestation in the catchment area, infestation with water hyacinth and pollution (COP5 DOC. C.5.16, para.202) | Awaiting AA update (2008) | AA |
| 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 |  | X | 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 |  | X | 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 |  | X | 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 |  | X | 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 |  | X | 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 |  | X | Construction of dams upstream and water control structures, oil exploration. RAM 88 (December 2017) | Awaiting AA update (2019) | AA |
| 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 |  | X | 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 |
| 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 |  | X | 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 |
| 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 | Ilene 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 |
| 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 |
| 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 |  | X | 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 |  | X | Over-exploitation of the aquifer. Guadiana river ceased flowing in the Ramsar Site. RAM 2 (March 1988) | Issue is being actively addressed (2017) | Other |
| 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 | Togo | Reserve de faune de Togodo\*\* | 01/01/2014 |  |  | Dam construction. | Awaiting AA update (2016) | AA |
| 213 | Tunisia | Ichkeul\*\* | 04/07/1990 |  | X | 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 |  | X | Some extractive industries are working around the Site. | Awaiting AA update (2018) | AA |
| 1637 | Uganda | Lutembe Bay Wetland System\*\* | 25/11/2015 |  |  | Some extractive industries are working around this Site. | Awaiting AA update (2018) | AA |
| 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 |  | X | 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 |  | X | 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 |
| 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 Barbuda | Codrington Lagoon\* | 24/02/2020 |  | Large scale earthmoving equipment and excavators are clearing and drilling the site. | Awaiting AA confirmation (2020) |
| 269 | Australia | Gippsland Lakes\* | 27/04/2021 |  | Proposed Rare Earth Element Mine at Glenaladale in Eastern Victoria in the catchment of the Site. | Awaiting AA confirmation (2021) |
| 269 | Australia | Gippsland Lakes\* | 30/11/2009 |  | Dredging of the Lakes’ entrance caused an increase in the salinity of the site, but declining freshwater flows and increased nutrients; invasion of European shore crab and marine algal species. | Awaiting AA update (2020) |
| 631 | Australia | Moreton Bay | 08/12/2015 |  | Proposed Toodah Harbour which was referred to under the EPBC Act on 25 November 2015 (ref. EPBC 2016/7612) for potential impacts to the Ramsar Site. The impact of the project was being assessed as of December 2022. | Update received from AA (2022) |
| 560 | Bangladesh | Sundarbans Reserved Forest\*\* | 09/06/2011 |  | Construction of coal-fired power plant. Plans to develop a coal mine in Phulbari. In addition, the impacts from 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. | Awaiting AA update (2016) |
| 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) |
| 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) |
| 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 aquatic based fauna and flora: indigenous fish spawning patterns; proliferation of aquatic weeds; death of indigenous riverine vegetation. | Awaiting AA confirmation (2020) |
| 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 of a hotel may have catastrophic ecological consequences, on the fauna and flora, on the migration of the birds, as well as their reproduction. | Awaiting AA confirmation (2019) |
| 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) |

1. See <https://www.ramsar.org/document/list-of-transboundary-ramsar-sites> . [↑](#footnote-ref-2)
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. [↑](#footnote-ref-3)
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. [↑](#footnote-ref-4)
4. “Other”: First reported by a third party and confirmed by the Administrative Authority. “AA”: First reported by the Administrative Authority. [↑](#footnote-ref-5)