

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

Actions requested

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 clarify paragraph 25 of Resolution XIII.10 on the instruction to the Secretariat to develop protocols that would allow direct database to database transfer of data and information related to the RIS (see paragraph 14 below).

Reporting period

1. This update fulfils the reporting requirements determined by the 35th meeting of the Standing Committee through Decision SC35-28, when “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 Ramsar Sites based on information received by the Secretariat up to 21 February 2019. It lists changes and additions to the most recent update that was submitted to COP13 (Ramsar COP13 Doc.12) as the Report of the Secretary General pursuant to Article 8.2 concerning the List of Wetlands of International Importance. Ramsar COP13 Doc.12 included information up to 20 June 2018. The present update focuses on the reporting period of 21 June 2018 to 21 February 2019.

Newly designated Ramsar Sites

3. As of 21 February 2019, there were 2,341 Wetlands of International Importance (Ramsar Sites) together covering 252,479,417 hectares (ha).
4. During the reporting period, 27 new Ramsar Sites, covering a total of 5,765,429 ha, were added to the List. They are listed in **Annex 1** on page 6. The growth in the number and area of Ramsar Sites since the beginning of the Convention in 1974 is shown below, in Figure 1 and Figure 2 respectively.
5. As of 21 February 2019, new information for an additional 14 new Ramsar Sites had been

submitted by 11 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.

Figure 1 Cumulative number of Ramsar Sites 1974 – 21 February 2019

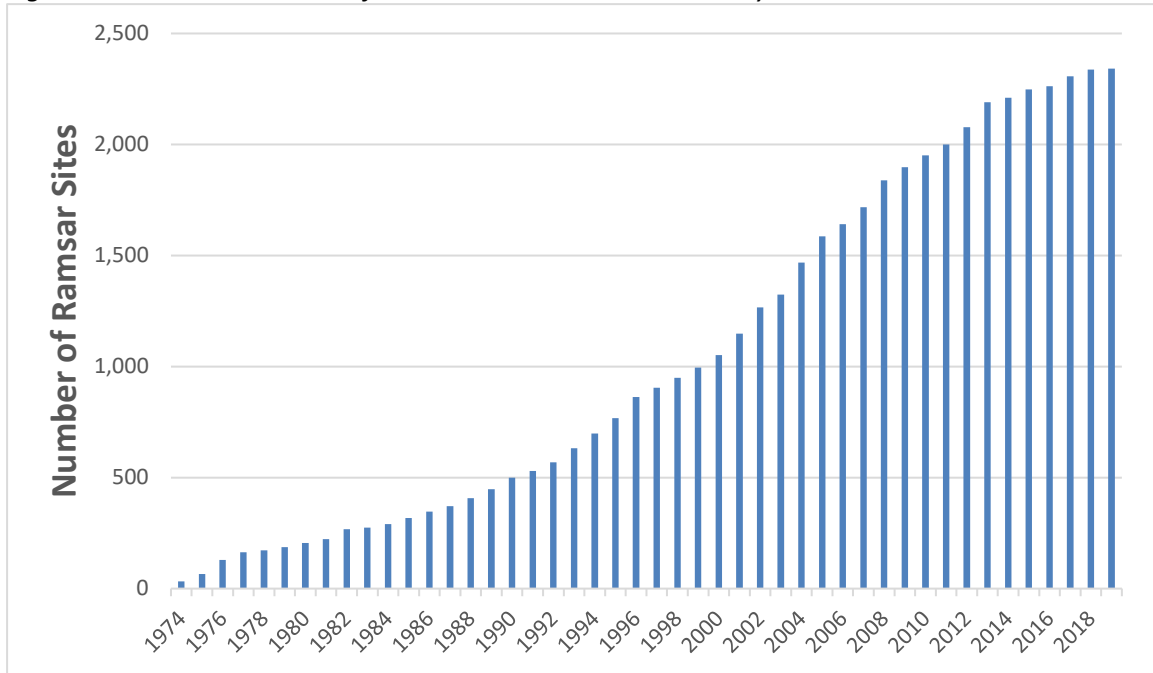
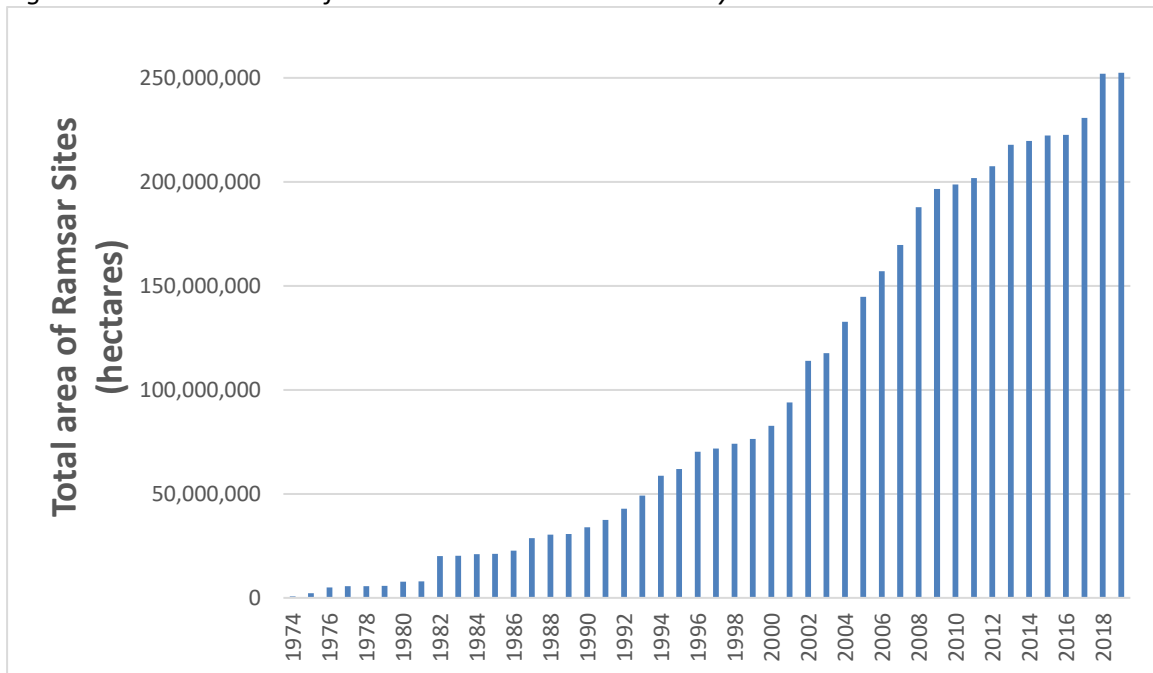


Figure 2 Cumulative area of Ramsar Sites 1974 – 21 February 2019



Transboundary Ramsar Sites

- Two new Transboundary Ramsar Sites were named during the reporting period: Complexe transfrontalier W-Arly-Pendjari by Benin, Burkina Faso and Niger (composed of six Ramsar Sites), and Vallée du Sourou by Burkina Faso and Mali (composed of two Ramsar Sites). This

brings the global number of Transboundary Ramsar Sites to 22; they are composed of 47 Ramsar Sites.

Extensions of existing Ramsar Sites (Article 2.5)

7. Seventeen Ramsar Sites were extended through the addition of substantial wetland area (over 20% of the former Site area): one in **Algeria** (Marais de Bourdim was extended from 11 ha to 59 ha); one in **Benin** (Zone Humide de la Rivière Pendjari, 144,774 ha to 483,366 ha); two in **Burkina Faso** (Parc National d'Arly, 219,485 ha to 795,289 ha; and Parc National du W, 235,000 ha to 311,471 ha); one in **Japan** (Lower Maruyama River and the Surrounding Rice Paddies, 560 ha to 1,094 ha); six in **Niger** (Dallol Bosso, 376,162 ha to 892,122 ha; Gueltas et Oasis de l'Air, 2,413,237 ha to 4,924,100 ha; La Mare de Dan Doutchi, 25,366 ha to 38,250 ha; La Mare de Lassouri, 26,737 ha to 34,000 ha; La Mare de Tabalak, 7,713 ha to 107,100 ha; and Parc National du W, 220,000 ha to 385,000 ha); three in **Norway** (Lista Wetlands System, 724 ha to 1,173 ha; Nordenskiöldkysten, 31,750 ha to 42,992 ha; and Sørkapp 39,710 ha to 55,203 ha); one in **Senegal** (Réserve Spéciale de Faune de Ndiaël, 10,000 ha to 26,000 ha); and two in **Sweden** (Mellanljusnan, 1,136 ha to 1,711 ha, and Ölands ostkust, 8,460 ha to 10,718 ha).
8. This list does not include a number of Ramsar Sites of which the boundaries were defined more accurately, according to the considerations provided in Resolution VIII.21 (on *Defining Ramsar site boundaries more accurately in Ramsar Information Sheets*), resulting in smaller net extensions of the originally designated Ramsar Site area. COP13 referred to this in paragraph 5 of Resolution XIII.10 on *Status of Sites in the Ramsar List of Wetlands of International Importance*: "NOTING that changes to Ramsar Site boundaries and areas reported in updated RISs '...should only occur where the change is so minor that it does not substantially affect the fundamental objectives for which the site was listed, and:
 - a) the site boundary has been drawn incorrectly and there has been a genuine error; and/or
 - b) the site boundary does not accurately match the description of the boundary as defined in the RIS; and/or
 - c) technology allows for a higher resolution and more accurate definition of the site boundary than was available at the time of listing' (Resolution VIII.21)"

Restrictions or deletions of existing Ramsar Sites (Article 2.5)

9. During the reporting period, no Ramsar Site was deleted from the List of Wetlands of International Importance, or substantially reduced, because of urgent national interest (Article 2.5).

Regular updating of Ramsar Sites information

10. COP13 through Resolution XIII.10 expressed appreciation of the work done by Contracting Parties to update Ramsar Information Sheets (RISs) and noted that for 69% of all Ramsar Sites (on 20 June 2018), either RISs or maps were missing or outdated, so that recent information on the status of these Sites was not available.
11. The work by the Parties to update RISs is ongoing. During the reporting period, 12 Parties provided updated or missing data for 53 Ramsar Sites. They are listed in **Annex 2** on page 7.
12. Resolution XIII.10 urges the 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 57th meeting of the Standing Committee, and instructs the Secretariat to contact the relevant

Contracting Parties to offer any necessary technical support (paragraph 15). **Annex 3a** on page 9 provides a list of 34 Sites in the territory of 16 Parties to whom the Secretariat offered support to provide a first RIS or map.

13. Resolution XIII.10 requests Contracting Parties to update, as a matter of urgency, the RISs for their Ramsar Sites at least once every six years (paragraph 16). As of 21 February 2019, information was out of date or missing for 1,714 Ramsar Sites (73% of all Sites) within the territory of 152 Parties (**Annex 3b** on page 11). This included 518 Sites (22%) for which updated information had been submitted by 59 Parties and was being processed by the Secretariat in consultation with them, and 1,196 Sites (51%) for which the updating process had not yet started.
14. Resolution XIII.10 “instructs the Secretariat to develop protocols that would allow direct database-to-database transfer of data and information related to the RIS, as previously identified as a need at both COP8 and COP11” (paragraph 25). The Secretariat invites the Standing Committee to provide further clarification on the meaning of such direct data transfer into the Ramsar Sites Information Service.

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

15. Article 3.2 of the Convention requires Parties to be informed at the earliest possible time if the ecological character of any Ramsar Site has changed, is changing or is likely to change as the result of technological developments, pollution or other human interference. They shall pass information on such changes without delay to the Secretariat. Cases where the Parties have done so are termed “Article 3.2 files”.
16. Resolution XIII.10 (paragraph 18) requests Contracting Parties with Ramsar Sites for which the Secretariat has received reports of change or likely change in their ecological character to submit information to the Secretariat in response to such reports, including on steps taken to address these changes, in advance of SC57 and each subsequent Standing Committee meeting until the issue is resolved, and requests the Secretariat to provide support to these Parties to address the threats to their Sites, with priority being given to the longer-standing Sites, and to report back at SC57.
17. **Annex 4a** on page 15 lists 149 Ramsar Sites with confirmed Article 3.2 files initially reported to the Secretariat by the Administrative Authority (AA), or reported by third parties and subsequently confirmed by the AA, as of 21 February 2019. During the reporting period, no new file was opened, and it was possible to resolve the issues and close the files for three Ramsar Sites, in **Senegal** (Réserve Spéciale de Faune de Ndiaël), **Spain** (Albufera de Valencia), and the **United Kingdom** (Lough Neagh & Lough Beg).
18. **Annex 4b** on page 33 lists 61 Ramsar Sites (“potential Article 3.2 files”) for which human-induced negative changes in ecological character had been reported by third parties but not confirmed by the AA as of 21 February 2019. The Secretariat had forwarded this information on to the concerned AAs to clarify whether the reported issues were likely to change the ecological character of these Sites, but no clarifying answers had been received from the AAs.

Montreux Record

19. Of the 146 Article 3.2 files (Annex 4a) open on 21 February 2019, 48 (33%) were included in the Montreux Record. The rate at which the issues at these Sites are being resolved remains very slow. The only change during the reporting period was that COP13 decided to remove the

Ramsar Site Réserve Spéciale de Faune du Ndjaël in **Senegal** from the Montreux Record (paragraph 20 of Resolution XIII.10).

20. Resolution XIII.10 encourages Contracting Parties to continue to use the Montreux Record questionnaire at Annex 1 of the Resolution, to determine the inclusion of a listed Site in the Montreux Record or its removal from the Record (paragraph 19), and to consider when submitting a report in fulfilment of Article 3.2 whether the Site concerned would benefit from listing on the Montreux Record (paragraph 21).

Ramsar Advisory Missions

21. Resolution XIII.10 instructs the Secretariat to assist Contracting Parties in their actions in response to change or likely change in the ecological character of a Ramsar Site, for example by providing advice, when requested, on the application of the wise-use principles, or, when relevant, proposing to Parties to add the Site to the Montreux Record or to invite a Ramsar Advisory Mission (paragraph 23).
22. Up to 21 February 2019, three additional Ramsar Advisory Missions (RAMs) were carried out and their reports published: RAM 89 to **Montenegro** (Skadar Lake) jointly with the Convention on the Conservation of European Wildlife and Natural Habitats, RAM 90 to **Uganda** (Lake George, Lutembe Bay Wetland System and Murchison Falls-Alber Delta Wetland System) and RAM 91 to **Côte d'Ivoire** (Grand Bassam). The Secretariat is currently following the recommendations drawn up by the RAMs with the Contracting Parties concerned, according to the requests formulated in Resolution XIII.11.

Annexes

- 1 List of the 27 newly designated Ramsar Sites added to the List between 21 June 2018 and 21 February 2019.
- 2 List of 53 Ramsar Sites for which 12 Parties provided updated Ramsar Information Sheets and maps between 21 June 2018 and 21 February 2019.
- 3a List of 34 Ramsar Sites for which either the RIS or an adequate map had not been submitted since designation, as of 21 February 2019.
- 3b List of Contracting Parties with the number of their Ramsar Sites and the number of Sites which have not been fully updated, as of 21 February 2019.
- 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).
- 4b List of Ramsar Sites with reports from other sources, not confirmed by Parties, of human-induced negative changes.

Annex 1

List of the 27 newly designated Ramsar Sites added to the List between 21 June 2018 and 21 February 2019¹

Contracting Party	Site No.	Official name	Designation date	Area (ha)
Australia	2344	Glenelg Estuary and Discovery Bay Ramsar Site	28/02/2018	22,289
Brazil	2362	Rio Juruá	29/09/2018	2,136,489
Brazil	2363	Taiamã Ecological Station	21/10/2018	11,555
Burkina Faso	2366	Complexe d'Aires Protégées Pô-Nazinga-Sissili	27/10/2018	301,972.65
Burkina Faso	2367	Complexe du Parc Urbain Bāngr-Weoogo et du lac des trois barrages	02/02/2019	945
Cambodia	2365	Stung Sen	02/11/2018	9,293
Chile	2361	Humedales Costeros de la Bahía Tongoy	21/11/2018	259
China	2346	Shandong Jining Nansi Lake	08/01/2018	50,761.56
China	2347	Gansu Yanchiwan Wetlands	08/01/2018	29,876.20
China	2348	Sichuan Changshagongma Wetlands	08/01/2018	669,800
China	2349	Hubei Wang Lake	08/01/2018	20,495
China	2350	Jilin Hani Wetlands	08/01/2018	3,571.50
China	2351	Inner Mongolia Grand Khingan Hanma Wetlands	08/01/2018	107,348
China	2352	Tibet Selincuo Wetlands	08/01/2018	1,893,630
China	2353	Heilongjiang Youhao Wetlands	08/01/2018	60,687
India	2370	Sundarban Wetland	30/01/2019	423,000
Iran (Islamic Republic of)	2369	Zarivar	17/07/2016	2,185.58
Japan	2357	Kasai Marine Park	18/10/2018	366.91
Japan	2358	Shizugawa-wan	18/10/2018	5,793
Myanmar	2356	Inlay Lake Ramsar Site	10/08/2018	5,797.55
Netherlands	2355	Klein Curaçao	31/07/2018	248.5
Republic of Korea	2359	Daebudo Tidal Flat	25/10/2018	453
United Arab Emirates	2364	Jabal Ali Wetland Sanctuary	25/10/2018	2,002
United Arab Emirates	2368	Hatta Mountain Reserve	09/01/2019	2,100
United Kingdom	2354	Sombrero Island Nature Reserve Marine Park	22/05/2018	1,050.71
United States of America	2345	Elkhorn Slough	25/06/2018	724
Viet Nam	2360	Van Long Wetland Nature Reserve	10/02/2017	2,736

¹ This list includes 13 Sites with earlier effective designation dates.

Annex 2

List of 53 Ramsar Sites for which 12 Parties provided updated Ramsar Information Sheets and maps between 21 June 2018 and 21 February 2019²

Contracting Party	Site No.	Official name	Designation date	Area (ha)
Australia	792	Shoalwater and Corio Bays Area	01/03/1996	202,023
Australia	793	Ginini Flats Subalpine Bog Complex	01/03/1996	350
Benin	1668	Site Ramsar du Complexe W	02/02/2007	926,927
Benin	1669	Zone Humide de la Rivière Pendjari	02/02/2007	483,366
Burkina Faso	492	Parc National du W	27/06/1990	311,471
Burkina Faso	1884	Parc National d'Arly	07/10/2009	795,289
Côte d'Ivoire	790	Parc National d'Azagny	27/02/1996	19,400
Côte d'Ivoire	1584	Iles Ehotilé-Essouman	18/10/2005	27,274
France	1837	Réserve naturelle nationale des Terres australes françaises	15/09/2008	2,337,100
Hungary	1963	Fishponds and Marshlands south of Lake Balaton	09/06/2011	9,483
Japan	2055	Lower Maruyama River and the Surrounding Rice Paddies	03/07/2012	1,094
Norway	308	Ilene and Presterodkilen Wetland System	24/07/1985	216
Norway	309	Jaeren wetland system	24/07/1985	3,085
Norway	802	Nordre Tyrifjord Wetlands System	18/03/1996	322
Norway	804	Lista Wetlands System	18/03/1996	1,173
Norway	805	Giske Wetlands System	18/03/1996	553.3
Norway	806	Harøya Wetlands System	18/03/1996	190
Norway	809	Froan Nature Reserve and Landscape Protection Area	18/03/1996	49,097
Norway	1198	Trondheimfjord wetland system	06/08/2002	1,846
Norway	1951	Hedmarksvidda Wetland System	12/11/2010	4,742
Norway	1952	Rott-Håstein-Kjør	12/11/2010	10,721.80
Norway	1965	Sørkapp	12/11/2010	55,203
Norway	1968	Nordenskiöldkysten	12/11/2010	42,992
Norway	2155	Anda	27/05/2013	52.5
Norway	2157	Horsvaer	27/05/2013	17,036
Norway	2158	Horta	27/05/2013	3,158
Norway	2159	Innherred Freshwater System	27/05/2013	182
Norway	2163	Risøysundet	27/05/2013	504
Norway	2165	West-Vikna Archipelago	27/05/2013	13,592
Poland	283	Swidwie Lake Nature Reserve	03/01/1984	891
Poland	756	Biebrzański National Park	24/10/1995	59,233
Poland	757	Słowiński National Park	24/10/1995	32,744
Poland	758	Milicz Fishponds Nature Reserve	24/10/1995	5,298.15
Poland	1564	Narew River National Park	29/10/2002	6,810
Poland	1565	Poleski National Park	29/10/2002	9,764
Poland	1567	Wigry National Park	29/10/2002	15,095.45
Senegal	139	Réserve Spéciale de Faune de Ndiaël	11/07/1977	26,000

² The list does not include Sites for which the review of the RIS or map is in process but not yet completed at the end of the reporting period.

Contracting Party	Site No.	Official name	Designation date	Area (ha)
Sweden	14	Falsterbo-Foteviken	05/12/1974	7,851.38
Sweden	17	Ottenby	05/12/1974	1,856
Sweden	18	Ölands ostkust	05/12/1974	10,718
Sweden	19	Getterön	05/12/1974	449.86
Sweden	21	Gotlands ostkust	05/12/1974	4,963.79
Sweden	430	Träslövsläge-Morups Tånge	12/06/1989	1,975.51
Sweden	1118	Emån	14/11/2001	1,527
Sweden	1119	Fylleån	14/11/2001	805.59
Sweden	1124	Mossaträsk-Stormyrn	14/11/2001	914
Sweden	1127	Skälderviken	14/11/2001	1,463
Sweden	1128	Svensksundsviken-Ållonöfjärden	14/11/2001	3,529.47
Sweden	2170	Gustavsmurarna-Tröskens rikkärr	19/03/2013	660.17
Sweden	2173	Mellanljusnan	19/03/2013	1,711.36
Switzerland	504	Les Grangettes	09/11/1990	6,342.22
Switzerland	507	Klingnauer Stausee	09/11/1990	364
Switzerland	1446	Vadret da Roseg	02/02/2005	383

Annex 3a

List of 34 Ramsar Sites for which either the RIS or an adequate map had not been submitted since designation, as of 21 February 2019.

Country	Site No.	Site Name	Designation Date	RIS	Map
Azerbaijan	1075	Agh-Ghol	21/05/2001	no	no
Azerbaijan	1076	Ghizil-Agaj	21/05/2001	yes	no
Central African Republic	1590	Les Rivières de Mbaéré-Bodingué	05/12/2005	no	no
Democratic People's Republic of Korea	2342	Mundok Migratory Bird Reserve	16/01/2018	no	yes
Democratic People's Republic of Korea	2343	Rason Migratory Bird Reserve	16/01/2018	no	yes
Djibouti	1239	Haramous-Loyada	22/03/2003	no	no
France	346	Camargue	01/12/1986	yes	no
France	786	La Petite Camargue	08/01/1996	yes	no
Germany	174	Unteres Odertal, Schwedt	31/07/1978	no	no
Germany	175	Peitzer Teichgebiet	31/07/1978	no	no
India	463	Loktak Lake	23/03/1990	yes	no
India	464	Sambhar Lake	23/03/1990	yes	no
Iran, Islamic Republic of	39	Neyriz Lakes and Kamjan Marshes	23/06/1975	yes	no
Iran, Islamic Republic of	42	Hamun-e- Saberi and Hamun-e-Helmand	23/06/1975	yes	no
Ireland	840	Bannow Bay	11/06/1996	no	yes
Ireland	841	Trawbreaga Bay	11/06/1996	no	yes
Ireland	842	Cummeen Strand	11/06/1996	no	yes
Kazakhstan	108	Lakes of the lower Turgay and Irgiz	11/10/1976	yes	no
Kuwait	2239	Mubarak Al-Kabeer Reserve	05/05/2015	no	yes
Netherlands	198	Het Spaans Lagoen	23/05/1980	no	yes
Pakistan	97	Thanedar Wala	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	Ucchali Complex (including Khabbaki, Uchhali and Jahlar Lakes)	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

Country	Site No.	Site Name	Designation Date	RIS	Map
Tajikistan	1084	Lower part of Pyandj River	18/07/2001	no	yes
Tajikistan	1085	Shorkul and Rangkul Lakes	18/07/2001	no	yes
Tajikistan	1086	Zorkul Lake	18/07/2001	no	yes

Annex 3b

List of Contracting Parties with the number of their Ramsar Sites and the number of Sites which have not been fully updated, as of 21 February 2019.

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ³	Sites for which the Secretariat has received updated information ⁴
Albania	4	3	0
Algeria	50	0	22
Andorra	3	1	0
Antigua and Barbuda	1	1	0
Argentina	23	15	6
Armenia	3	3	0
Australia	66	37	4
Austria	23	0	20
Azerbaijan	2	2	0
Bahamas	1	0	1
Bahrain	2	2	0
Bangladesh	2	2	0
Barbados	1	1	0
Belarus	26	1	0
Belgium	9	6	0
Belize	2	2	0
Benin	4	0	2
Bhutan	3	2	0
Bolivia (Plurinational State of)	11	8	0
Bosnia and Herzegovina	3	2	1
Botswana	1	1	0
Brazil	27	4	7
Bulgaria	11	8	0
Burkina Faso	22	0	0
Burundi	4	0	0
Cabo Verde	4	0	0
Cambodia	5	3	0
Cameroon	7	7	0
Canada	37	2	35
Central African Republic	2	2	0
Chad	6	6	0
Chile	14	7	5
China	57	5	31
Colombia	7	4	1
Comoros	3	3	0
Congo	14	8	0
Costa Rica	12	1	11

³ 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 in 2019.

⁴ Sites for which the Administrative Authorities had submitted an updated RIS that was being processed by the Secretariat 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 updated³	Sites for which the Secretariat has received updated information⁴
Côte d'Ivoire	6	4	0
Croatia	5	3	1
Cuba	6	0	6
Cyprus	1	1	0
Czech Republic	14	14	0
Democratic People's Republic of Korea	2	0	0
Democratic Republic of the Congo	4	2	0
Denmark	43	3	38
Djibouti	1	1	0
Dominican Republic	4	2	0
Ecuador	19	9	9
Egypt	4	4	0
El Salvador	7	2	4
Equatorial Guinea	3	2	1
Estonia	17	8	9
Eswatini	3	0	0
Fiji	2	0	0
Finland	49	8	41
France	48	28	11
Gabon	9	0	1
Gambia	3	3	0
Georgia	2	1	1
Germany	34	16	18
Ghana	6	0	0
Greece	10	10	0
Grenada	1	1	0
Guatemala	7	5	2
Guinea	16	10	0
Guinea-Bissau	4	1	0
Honduras	10	0	6
Hungary	29	0	0
Iceland	6	0	3
India	27	16	10
Indonesia	7	4	2
Iran (Islamic Republic of)	25	21	3
Iraq	4	1	0
Ireland	45	37	8
Israel	2	2	0
Italy	56	8	44
Jamaica	4	3	1
Japan	52	42	0
Jordan	2	1	0
Kazakhstan	10	10	0
Kenya	6	6	0
Kiribati	1	0	0
Kuwait	1	0	0

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated³	Sites for which the Secretariat has received updated information⁴
Kyrgyzstan	3	2	0
Lao People's Democratic Republic	2	2	0
Latvia	6	6	0
Lebanon	4	4	0
Lesotho	1	0	1
Liberia	5	5	0
Liechtenstein	1	1	0
Lithuania	7	6	1
Luxembourg	2	2	0
Madagascar	20	0	2
Malawi	2	0	1
Malaysia	7	4	2
Mali	4	1	0
Malta	2	2	0
Marshall Islands	2	2	0
Mauritania	4	4	0
Mauritius	3	3	0
Mexico	142	135	3
Monaco	1	1	0
Mongolia	11	0	11
Montenegro	2	1	0
Morocco	26	24	0
Mozambique	2	1	0
Myanmar	5	1	0
Namibia	5	4	0
Nepal	10	9	0
Netherlands	55	1	5
New Zealand	6	6	0
Nicaragua	9	1	8
Niger	12	0	0
Nigeria	11	11	0
North Macedonia	2	2	0
Norway	63	0	0
Oman	1	0	0
Pakistan	19	19	0
Palau	1	1	0
Panama	5	4	1
Papua New Guinea	2	0	2
Paraguay	6	6	0
Peru	13	10	3
Philippines	7	4	1
Poland	19	0	6
Portugal	31	24	6
Republic of Korea	23	3	12
Republic of Moldova	3	3	0
Romania	19	12	0

Contracting Party	Total designated Ramsar Sites	Sites requiring information to be updated ³	Sites for which the Secretariat has received updated information ⁴
Russian Federation	35	15	20
Rwanda	1	0	0
Saint Lucia	2	2	0
Samoa	2	1	0
Sao Tome and Principe	1	1	0
Senegal	8	1	0
Serbia	10	10	0
Seychelles	3	2	0
Sierra Leone	1	1	0
Slovakia	14	3	11
Slovenia	3	3	0
South Africa	23	14	6
South Sudan	1	1	0
Spain	75	74	0
Sri Lanka	6	5	0
State of Libya	2	2	0
Sudan	3	3	0
Suriname	1	1	0
Sweden	68	0	0
Switzerland	11	0	0
Syrian Arab Republic	1	1	0
Tajikistan	5	5	0
Thailand	14	11	0
Togo	4	4	0
Trinidad and Tobago	3	3	0
Tunisia	41	32	2
Turkey	14	11	2
Turkmenistan	1	1	0
Uganda	12	2	10
Ukraine	39	0	32
United Arab Emirates	9	2	0
United Kingdom	175	169	0
United Republic of Tanzania	4	4	0
United States of America	39	27	3
Uruguay	3	1	1
Uzbekistan	2	2	0
Venezuela (Bolivarian Republic of)	5	5	0
Viet Nam	9	4	0
Yemen	1	0	0
Zambia	8	8	0
Zimbabwe	7	0	0
Grand Total	2341	1196	518

Annex 4a

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

Open files where the Secretariat had received and followed up on information from the Administrative Authority (AA). The list contains Article 3.2 files which were open on 21 February 2019, and Article 3.2 files which were closed between 21 June 2018 and 21 February 2019.⁵

(* 87 Article 3.2 files with no update received from the AA for two years or more)

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
781	Albania	Karavasta Lagoon ecosystem	05/04/2017			Tourist resort development.	Awaiting AA update (2017)	other
1,290	Albania	Butrint*	12/10/2009			Urban developments, fish farm, new road.	Awaiting AA update (2013)	other
1,598	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
1,056	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 Llanquanelo*	02/07/2001		X	Potential change in the ecological character due to oil activities, invasive species and transbasin diversion of Rio Grande to Atuel river.	Issue is being actively addressed (2015)	
620	Armenia	Lake Sevan*	01/01/2010			Organic pollution of water, fish stocks diminished.	Awaiting AA update (2013)	AA

⁵ Other: first reported by a third party and confirmed by the Administrative Authority. AA: first reported by the Administrative Authority.

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
267	Australia	Western Port	28/11/2017			Very high levels of aluminium and chromium above trigger level in the constructed waterway flowing into the Site.	Update received from AA (2017)	other
269	Australia	Gippsland Lakes	30/11/2009			Dredging of the Lakes' entrance caused an increase in the site's salinity, but declining freshwater flows and increased nutrients; invasion of European shore crab and marine algal species. Concerns raised on potential impacts of the proposed Nowa Nowa Iron Mine Project (EPBC 2014/7114) and Stockman Mine Benambra Project (EPBC 2010/5717).	Update received from AA (2017)	other
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 (2017)	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 (2017)	AA
337	Australia	Macquarie Marshes	20/07/2009			Significant reduction in inundation frequency, and declines in key wetland vegetation, in particular in the River Red Gum forest, disappearance of Water Couch grasslands and Cumbungi rushlands.	Update received from AA (2017)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
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 Moreton Bay Ramsar Site.	Update received from AA (2019)	other
993	Australia	Gwydir Wetlands: Gingham and Lower Gwydir (Big Leather) Watercourses	23/09/2003			In September 2003, part of the site was reportedly damaged due to illegal land-uses and legal action was taken against the parties concerned. The site was also negatively impacted by low flows during the Millennium Drought.	Update received from AA (2017)	other
272	Austria	Donau-March-Thaya-Auen*	04/07/1990		X	Transport infrastructures 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
327	Belgium	Schorren van de Beneden Schelde*	22/12/1987		X	Lowering of the water table & eutrophication. RAM 1 (Feb 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
1,562	Belize	Sarstoon Temash National Park	20/05/2009			Concession to perform seismic testing for oil and natural gas.	Awaiting AA update (2013)	other
1,017	Benin	Basse Vallée du Couffo, Lagune Côtière, Chenal Aho, Lac Ahémé	10/04/2017			Construction of hotels along the "Coastal Lagoon" part of the hydrological complex of the site. New threats reported on 07-06-2018. Lac Toho faces high level of fish mortality since 26 May 2018	RAM Requested and in preparation (2018)	AA
489	Bolivia (Plurinational State of)	Los Lípez	29/07/2016			Change in the ecological character in the Silala wetlands by water diversion	RAM report published (2018)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
1,105	Bosnia and Herzegovina	Hutovo Blato*	31/08/2010			New road crossing the RS, bird poaching, urban developments.	Awaiting AA update (2012)	other
603	Brazil	Lagoa de Peixe National Park	01/09/2017			Potential risk for possible modifications in conservation status	Update received from AA (2018)	AA
1900	Brazil	Parque Estadual Rio Dolce*	18/04/2016			Change in the ecological character due to the collapse of a mining dam.	Awaiting AA update (2016)	AA
64	Bulgaria	Srébarna	02/04/1992		X	Erosion of the river bed, eutrophication, vegetation succession. RAM 28 (April 92). RAM 47 (October 01).	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 (2015)	AA
877	Chile	Complejo Lacustre Laguna del Negro Francisco y Laguna Santa Rosa*	28/08/2014			Change in ecological character by mining activities	Issue is being actively addressed (2015)	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 (2018)	AA
1,740	Congo	Cayo-Loufoualeba*	01/01/2010			Extractive industry (Mining)	RAM implementation and follow up (2012)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
540	Costa Rica	Palo Verde*	16/06/1993		X	Changes in the ecological character of the Site, particularly its hydrological characteristics, due agricultural and cattle ranching activities in the surrounding area.	Issue is being actively addressed (2013)	AA
811	Costa Rica	Humedal Caribe Noreste*	15/11/2010			Change in the ecological character by open artificial channels.	Issue is being actively addressed (2015)	AA
1,583	Côte d'Ivoire	Grand Bassam	14/08/2014			The creation of a plantation of 1000 ha of palm tree in the Grand Bassam Ramsar site.	RAM report published (2019)	other
582	Croatia	Crna Mlaka Fishponds*	10/04/2016			Termination of the Crna Mlaka fishery production.	Awaiting AA update (2016)	other
583	Croatia	Nature Park Kopacki rit	29/03/2005		X	Deforestation, drainage, poaching. RAM 55 (September 2005).	Awaiting AA update (2012)	other
585	Croatia	Neretva River Delta*	01/01/2003			Planned 3 hydropower plants, irrigation projects, urban developments, reed burning, illegal hunting.	Awaiting AA update (2012)	AA
494	Czech Republic	Šumavská rašeliniště*	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	Czech Republic	Třeboňské rybníky*	01/01/1994		X	Intensive fish farming, eutrophication, hunting, habitat destruction.	Awaiting AA update (2012)	AA
635	Czech Republic	Mokřady dolního Podýjí	01/01/1999		X	Planned navigation canal.	Update received from AA (2018)	AA
638	Czech Republic	Litovelské Pomoraví	01/01/1997		X	Overexploitation of the aquifer, plans for a navigation canal.	Update received from AA (2018)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
639	Czech Republic	Poodří	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	Update received from AA (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).	Awaiting AA update (2013)	AA
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
82	Germany	Wattenmeer, Ostfriesisches Wattenmeer & Dollart*	04/07/1990		X	Dike plans. RAM 19 (September 1990).	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
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

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
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.	Change in ecological character is partially addressed. (2014)	
1,163	Guinea	Niger-Mafou*	01/03/2014			Extractive Industry (Mining)	Awaiting for desk study report (2016)	AA
1,164	Guinea	Niger-Niandan-Milo*	01/03/2014			Extractive Industry (Mining)	Awaiting for desk study report (2016)	AA
1,165	Guinea	Niger Source*	01/03/2014			Extractive Industry (Mining)	Awaiting for desk study report (2016)	AA
1,166	Guinea	Niger-Tinkisso*	01/03/2014			Extractive Industry (Mining)	Awaiting for desk study report (2016)	AA
1,167	Guinea	Sankarani-Fié*	01/03/2014			Extractive Industry (Mining)	Awaiting for desk study report (2016)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
1,168	Guinea	Tinkisso*	01/03/2014			Extractive Industry (Mining)	Awaiting for desk study report (2016)	AA
722	Honduras	Parque Nacional Jeanette Kawas*	19/06/2006			Change in the ecological character due to building of tourist infrastructure.	Issue is being actively addressed (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.	Awaiting AA update (2016)	AA
899	Hungary	Rétság Fishponds Nature Conservation Area	30/03/2017			Decline in breeding fauna (heron, spoonbill, gull); affected criteria 2,3,4,5.	Awaiting AA update (2017)	AA
1,410	Hungary	Upper Tisza (Felső-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.	Awaiting AA update (2016)	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

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
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.	Awaiting AA update (2008)	AA
463	India	Loktak Lake*	16/06/1993		X	Problem caused by 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 that burned across Kalimantan and Sumatra, including large areas of the Berbak National Park Ramsar Site.	RAM report published (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	Issue is being actively addressed (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 Complex*	31/12/1993		X	Changing water levels; increased eutrophication which led to the spread of <i>Phragmites australis</i> . Also increased hunting pressure. The latest update in 2016 is the outbreak of water hyacinth.	Issue is being actively addressed (2016)	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

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
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
53	Iran (Islamic Republic of)	Gavkhouni Lake and marshes of the lower Zaindeh Rud*	01/02/2016			Severe degradation because of water over-extraction and pollution of Zaindeh Rud; groundwater over-extraction for agriculture.	Update received from AA (2016)	AA
1,718	Iraq	Hawizeh Marsh*	28/04/2010		X	Changes in hydrology due to the construction of dams upstream, and water control structures; Decline in rainfall; Oil exploration. RAM planned in 2017.	Issue is being actively addressed (2016)	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 Averte*	15/07/2014			Plans to dig a deep water shipping channel across the lagoon. RAM 80 (October 2015).	Awaiting AA update (2015)	other
1,454	Jamaica	Palisadoes - Port Royal*	15/10/2010			Severe degradation and adverse ecological change due to the constructing of a highway	Secretariat working with AA to address the issue (2015)	other
1,597	Jamaica	Portland Bight Wetlands and Cays	19/09/2013			Threat by a proposal to build a logistics/ trans-shipment port by China Harbour Engineering Company	Secretariat working with AA to address the issue (2015)	other
135	Jordan	Azraq Oasis	04/07/1990		X	Drying out of the oasis due to increased abstraction of water and reduced rainfall	Issue is being actively addressed (2017)	

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
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 dependent on it; Barrages across the River Turgay and its tributaries cut water supply. Opening date: PreCOP	Awaiting AA update (2011)	other
1,231	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
1,588	Kyrgyzstan	Chatyr Kul*	01/11/2012			Son-Kol has issues with overgrazing, illegal fishing and inadequate tourism management.	Update received from AA (2014)	AA
869	Malawi	Lake Chilwa*	01/08/2013			Mineral extraction	Looking for funding for RAM (2016)	AA
1,287	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.	Update received from AA (2017)	other
1,288	Malaysia	Sungai Pulai	10/04/2014			Some 2'000 acres has been lost already, e.g. some of the area of mangroves in the north western corner of the site due to construction; Further areas may be lost due to the Forest City project; possible impacts from new bridge to be built from the harbour to the west; water pollution due to developments at Gelang Pethah; impacts on the indigenous Seletar people (sea gypsies).	Update received from AA (2019)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
1,289	Malaysia	Tanjung Piai	10/04/2014			Strong waves are causing erosion of the shoreline. RM 80 million has been allocated to develop a breakwater system which will be completed by end of 2017 to prevent the coastal erosion and to stabilise the coast line. An ecological assessment is planned to be conducted in 2017.	Update received from AA (2017)	other
732	Mexico	Marismas Nacionales	05/08/2014			Building of Las Cruces Hydroelectric Project.	Update received from AA (2017)	AA
1,346	Mexico	Parque Nacional Sistema Arrecifal Veracruzano	24/09/2013			Threat by a proposal to expand Veracruz port.	Issue is being actively addressed (2017)	other
784	Montenegro	Skadarsko Jezero	24/12/2009			Tourism development in core biodiversity zone.	RAM and follow up (2018)	other
1487	Morocco	Embouchure de la Moulouya	01/01/2010			pollution	RAM implementation and follow-up (2014)	other
1,138	Nicaragua	Refugio de Vida Silvestre Río San Juan	30/11/2010			Project for the improvement of the navigation of the San Juan River.	Secretariat working with AA to address the issue (2015)	AA
1,139	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.	change in ecological character is partially addressed (2015)	AA
1,140	Nicaragua	Sistema de Humedales de San Miguelito	23/10/2014			Threat to the ecological character by the Interoceanic Nicaragua Channel. RAM requested and undertaken.	RAM implementation and follow up (2017)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
1,073	Niger	Zone humide du moyen Niger	07/12/2016			Development work planned on a site adjacent to the Ramsar site.	Update received from third party (2017)	AA
726	North Macedonia	Lake Prespa	28/03/2006			Eutrophication, overexploitation.	Awaiting AA update (2012)	AA
13	Norway	Åkersvika*	01/03/2007			Planned road expansion. RAM 64 (April 2010).	Awaiting AA update (2016)	other
307	Norway	Nordre Øyeren	27/11/2015			Raising of water level in mid-May - affecting waders during spring migration	Awaiting AA update (2017)	other
308	Norway	Ilene and Presterodkilen Wetland System*	21/01/2005			Pollution accident, urban developments and new road system.	Awaiting AA update (2016)	AA
310	Norway	Ørland Wetland System*	18/07/2012			Air base extension.	Awaiting AA update (2016)	other
802	Norway	Nordre Tyrifjord Wetlands System*	03/03/2013			Planned new main road and railway line. RAM 79 (July 2015).	Awaiting AA update (2016)	AA
805	Norway	Giske Wetlands System*	01/03/2012			Shelterbelt planting, building and overgrowing.	Awaiting AA update (2016)	AA
809	Norway	Froan Nature Reserve and Landscape Protection Area*	19/03/2004			Fish farm potentially affecting site's ecological character.	Awaiting AA update (2018)	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
1,067	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.	Update received from AA (2017)	AA

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
2,124	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.	Update received from AA (2017)	AA
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
1,074	Romania	Small Island of Braila*	28/04/2005			Works to improve navigation conditions potentially affecting the site ecological character.	Awaiting AA update (2009)	AA
2,065	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.	Awaiting AA update (2018)	other
139	Senegal	Réserve Spéciale de Faune de Ndiaël	01/01/2009	13/10/2018		Agro-industrial development projects.	Closed and removed from MR	AA
1,392	Serbia	Slano Kopovo	01/11/2006			Water deficit result of hydromelioration activities and successive dry years.	Issue actively addressed (2017)	other
1,014	Sierra Leone	Sierra Leone River Estuary*	27/01/2013			Urban development (Expansion of Freetown City)	RAM in preparation (2016)	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

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
343	South Africa	Blesbokspruit*	01/01/1996		X	Pollution from underground mine water	Update received from AA (2016)	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	Awaiting AA update (2016)	AA
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).	Awaiting AA update (2014)	other
235	Spain	Las Tablas de Daimiel	01/01/2009		X	Over-exploitation of the aquifer. Guadiana river ceased flowing in the RS. 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).	Awaiting AA update (2018)	other
454	Spain	Albufera de Valencia	16/03/2004	24/08/2018		Urban developments. RAM report 58 in Spanish of mission on 20-22 December 2006	closed	other
593	Spain	Delta del Ebro*	08/08/2014			National Hydrologic Plan potentially affecting the RS ecological character.	Awaiting AA update (2015)	other
706	Spain	Mar Menor	01/01/2004			Eutrophication and water extraction.	Issue is being actively addressed (2017)	other
2,069	Spain	Lagunas de Ruidera*	22/11/2012			Lack of management plan and tourism pressures.	Awaiting AA update (2015)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
736	Togo	Reserve de faune de Togodo*	01/01/2014			Dam Construction	Secretariat working with AA to address the issue (2016)	AA
213	Tunisia	Ichkeul*	04/07/1990		X	Hydraulic development works in catchment area	STRP advised to use updated report for the removal (2016)	AA
659	Turkey	Lake Seyfe*	05/12/2014			Non-implementation of Management Plan.	Awaiting AA update (2016)	other
945	Turkey	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.	RAM Requested and in preparation (2018)	AA
1,637	Uganda	Lutembe Bay Wetland System	25/11/2015			Some extractive industries are working around this site	RAM Requested and in preparation (2018)	AA
1,640	Uganda	Murchison Falls-Albert Delta Wetland System	25/11/2015			Some extractive industries are working around this site	RAM Requested and in preparation (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 meter, drying out of some of the basins and negative effect on migratory bird species.	Issue is being actively addressed (2017)	other

Site no	Country	Site name	Opening date	Closing date	Montreux listed	Issue summary	Comment	First reported by
765	Ukraine	Northern Part of the Dniester Liman	15/08/2014			330kV high voltage transmission line project potentially crossing the RS.	Awaiting AA update (2017)	other
1,715	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 organized in 2017.	RAM report published (2018)	other
74	United Kingdom	Lough Neagh & Lough Beg	16/12/2016	02/11/2018		Road construction.	closed	other
77	United Kingdom	Ouse Washes	18/07/2000		X	Water management problems. RAM 49 (November 2001).	Issue is being actively addressed (2018)	AA
298	United Kingdom	The Dee Estuary	21/11/2007		X	Industrial and transport developments. RAM 34 (November 1994).	Update received from AA (2018)	other
1,173	United Republic of Tanzania	Kilombero Valley Floodplain	20/03/2014			Management of complex wetlands sites faces several critical capacity bottlenecks, including regulatory gaps and conflicts among resource users. The effectiveness of traditional conservation services is questioned; surge in poaching; weak governance.	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)	

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 followed up with 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. Files which were opened and subsequently closed during the reporting period are not included.

(* 41 Ramsar Sites for which advice by the AA, if an 'Article 3.2 file' should be opened or not is expected since two years or more.)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
266	Australia	Port Phillip Bay & Bellarine Peninsula	17/01/2014	Proposed development situated very close to Lake Connewarre which forms part of the Port Phillip Bay & Bellarine Peninsula Ramsar Site. Concerns about wastewater from a local supermarket draining into the Ramsar Site and how storm water from the development floods adjacent properties during heavy rains.	Awaiting AA confirmation (2017)
560	Bangladesh	Sundarbans Reserved Forest*	09/06/2011	Construction of coal-fired power plant 14 km away from the Site; Plans to develop a coal mine in Phulbari; the extracted coal is transferred to Mongla port (near Sundarbans), then transported to an off-shore reloading facility inside the site. In addition, the possible 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)
1,091	Belarus	Olmany Mires Zakaznik	07/09/2018	Road construction.	Awaiting AA confirmation (2018)
1,180	Burundi	Parc National de la Rusizi*	01/01/2013	Large scale sugar cane plantation	Awaiting AA update (2016)
143	Denmark	Nissum Fjord*	17/11/2009	Increasing eutrophication leads to decrease of populations of staging and wintering waterbirds.	Awaiting AA confirmation (2013)
146	Denmark	Ulvedybet and Nibe Bredning*	17/11/2009	Increasing eutrophication leads to decrease of populations of staging and wintering waterbirds.	Awaiting AA confirmation (2013)
356	Denmark	Vadehavet*	17/11/2009	Drainage and agricultural intensification, destruction of meadows.	Awaiting AA confirmation (2013)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
460	Iceland	Thjörðsárver*	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*	27/04/2009	Unauthorized salt extraction; excess pumping of groundwater; Proposed construction of the world's biggest solar power generating facility close	Awaiting AA update (2009)
1,204	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)
1,207	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)
1,208	India	East Calcutta Wetlands	27/08/2010	Threat of urban encroachment and noxious pollutant escalation.	Awaiting AA update (2017)
1,209	India	Kolleru Lake*	07/06/2016	Due to high dependence for livelihood by low-income earners, there have been attempts to reduce the extent of Kolleru lake drastically. The latest threat has risen from a road work permitted by the state government itself and this was without authorization by the wildlife Protection.	Awaiting AA confirmation (2016)
1,212	India	Sasthamkotta Lake*	05/05/2013	Drought, waste dumping and lack of management	Awaiting AA update (2013)
1,214	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)
415	Ireland	Clara Bog*	27/06/2012	Peat extraction.	Awaiting AA confirmation (2012)
416	Ireland	Mongan Bog*	27/06/2012	Peat extraction.	Awaiting AA confirmation (2012)
417	Ireland	Raheenmore Bog*	27/06/2012	Peat extraction.	Awaiting AA confirmation (2012)
846	Ireland	Lough Corrib*	27/06/2012	Peat extraction.	Awaiting AA confirmation (2012)
847	Ireland	Lough Derravaragh*	27/06/2012	Peat extraction.	Awaiting AA confirmation (2012)
117	Italy	Pian di Spagna - Lago di Mezzola*	25/07/2012	Road and environmental centre construction within the Site.	Awaiting AA confirmation (2012)
1,812	Italy	Lagustelli di Percile*	10/03/2015	Improper management - incl. uphill water captation.	Awaiting AA confirmation (2015)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
1,856	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	<p>Proliferation of unplanned settlements and land conversions within the Ramsar site. The almost total loss of the papyrus fringe around the lake together with daily inflows of untreated sewage not only from the town but also from all emerging townships around the lake.</p> <p>As of 29/09/2018, the secretariat received an update regarding the threat on this site.</p> <p>The threat reported is about the pollution of Lake Naivasha by the cut-flower industry in Naivasha, Kenya. For a long time Naivasha conservation has been lacking authoritative focal point, as claims and counter claims proliferate, initiatives abound, yet no effort reaches a significant scale. Amid this confusing mix, laggard flower growers continue to fly below the radar. The report that we received furthermore elaborates how chemical and fertilizer runoff from the flower farms get their way back to the lake thus destabilizing the whole ecosystem of the lake sending it into downward spiral, making the flower growing the worst invader of the lake, than all other invaders combined. The report concludes that unless Lake Naivasha is managed as a protected Natural Resource. That promotes the preservation of ecosystem process and biodiversity. All efforts to conserve it will just be like a person mopping the floor to dry, while all the taps are open and running.</p>	Update received from third party, 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)
1,044	Mauritania	Chat Tboul*	20/12/2016	Construction of a port on the Ramsar site	Awaiting AA confirmation (2016)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
1,744	Mauritius	Blue Bay Marine Park	14/01/2019	The Secretariat received several emails and Call from Local Organisation (Ecosud) mentioning the threats affecting the ecological Character of the Site. At the date of today, we received specifically, letters and emails on the progress on Property Development projects in both Blue Bay Marine park and Point d'Esny.	Awaiting AA update (2019)
1,988	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. According to ECOSUD, the promoters have made a study that concluded that the Wetlands of Pointe D'Esny and the Wetlands Ramsar site of Pointe D'Esny are not connected. A member of the Ramsar local committee in Mauritius sent a letter to the EIA Committee to alert the authority that these Wetlands are in fact all interconnected. Their immediate concern is that this project would have an irreversible impact on this fragile ecosystem which are the Wetlands and the Lagoon	Awaiting AA update (2019)
1,391	Mozambique	Zambezi Delta*	01/01/2008	Oil and Gas exploration	Awaiting AA update (2016)
1,964	Mozambique	Lake Niassa and its Coastal Zone*	01/01/2012	Oil Exploration	Awaiting AA confirmation (2015)
742	Namibia	Walvis Bay	22/05/2017	Walvis Bay Waterfront Project consisting to develop a small area of the lagoon into a marina and an on-land waterfront.	Update received from third party, awaiting AA confirmation (2017)
818	Pakistan	Uchhali Complex*	06/04/2014	Proposed reconstruction of road through the wetland site; recommendation is to build the road at a lower level which would have a lower impact.	Awaiting AA update (2014)
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	
1,029	Republic of Moldova	Lower Prut Lakes*	20/05/2005	Oil drilling next to the RS.	Awaiting AA confirmation (2010)
110	Russian Federation	Kandalaksha Bay*	04/05/2012	Plans for the construction of a gas plant within the RS.	Awaiting AA confirmation (2012)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
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)
2,327	Senegal	Réserve Naturelle d'Intérêt Communautaire de la Somone	23/01/2019	The site is threatened by a Project 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	Developers plan to scale up the aquaculture operations to full production within a 5 year period. There is considerable pressure on the Lagoon's ecology from the rapidly expanding industrial activity in Saldanha Bay harbour. Irrefutable scientific evidence shows that the waters around these floating fish factories are not stratified and that accumulated waste matter will certainly move into the protected Lagoon system. Further, the rich diversity of benthic macro-fauna will be negatively impacted by the wide-scale pollution from aquaculture activities.	Awaiting AA confirmation (2018)
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	Raw Sewage Problem	Awaiting AA update (2016)

Site no	Country	Site name	Opening date	Issue summary	Secretariat expects (since)
452	Spain	Complejo intermareal Umia-Grove*	20/01/2014	Heavy metals pollution.	Awaiting AA confirmation (2014)
592	Spain	Aiguamolls de l'Empordà	10/01/2012	Wet meadows destruction for rice agriculture and overexploitation of the aquifer.	Awaiting AA confirmation (2012)
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)
1,712	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. These developments could radically change the functioning and the ecological balance of the Site as well as the composition of its biocenosis to a point that this wetland will no longer meet the criteria for its classification as important bird area.	Awaiting AA confirmation (2019)
945	Turkey	Gediz Delta	06/10/2017	Bridge construction near the Ramsar Site	Awaiting AA confirmation (2017)
74	United Kingdom	Lough Neagh & Lough Beg	05/06/2018	Illegal sand extraction.	Awaiting AA confirmation (2018)
897	United Kingdom	Dornoch Firth and Loch Fleet	17/10/2017	Planned golf course development.	Awaiting AA confirmation (2018)
967	United Kingdom	Ballynahone Bog	05/06/2018	Effluents of nearby poultry factory.	Awaiting AA confirmation (2018)
974	United Kingdom	Lough Foyle	05/06/2018	Planned pig factory, aerobic digester and expansion of poultry farm.	Awaiting AA confirmation (2018)
1,035	United Kingdom	Slieve Beagh	05/06/2018	Agricultural pollution.	Awaiting AA confirmation (2018)
1,037	United Kingdom	Lee Valley	25/01/2018	Gravel quarry near Rye meads (part of the Lee Valley RS).	Awaiting AA confirmation (2018)
2,107	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.	Awaiting AA confirmation