

Ramsar Information Sheet

Published on 8 May 2023 Update version, previously published on : 5 April 2018

Norway Kurefjorden



Designation date 24 July 1985 Site number 306

Coordinates 59°19'53"N 10°44'22"E

Area 392,00 ha

Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

1 - Summary

Summary

The site is situated in the east of Oslofjorden in Østfold County. Kurefjorden is a very shallow fjord arm with large mudflats in the inner parts which are exposed at low tide, and with large amounts of mussels, snails and invertebrates supporting a high diversity of birds. Large eelgrass meadows are present in the submerged areas of the fjord, while areas of Phragmites australis, Scirpus maritimus, and Carex spp.are spread around the reserve. The shores around the fjord contain well-developed salt marshes/tidal meadows of high importance to birdlife. The Site is very important for a number of migrating and feeding species, especially for ducks and waders. The area is also a moulting site for waterfowl, as well as a breeding site for a number of species. A total of around 250 different bird species are recorded in the reserve, including numerous breeding and/or nationally red-listed species. Typical species include the great crested grebe Podiceps cristatus, the Slavonian grebe Podiceps auritus, the common teal Anas crecca, the mallard Anas platyrhynchos, the ruff Philomachus pugnax and the dunlin Calidris alpina.

2 - Data & location

2.1 - Formal data

2.1 - Formai data	
2.1.1 - Name and address of the com	piler of this RIS
Responsible compiler	
Institution/agency	Norwegian Environment Agency
Postal address	P.O. Box 5672 Torgarden, N-7485 Trondheim, Norway
National Ramsar Administrati	ve Authority
Postal address	Postboks 5672 Sluppen Trondheim Norway
2.1.2 - Period of collection of data and From year To year 2.1.3 - Name of the Ramsar Site	
Official name (in English, French or	Kurefjorden
(Update) A	racter of the Site he Ramsar Site (including
2.2.1 - Defining the Site boundaries	
b) Digital map/image <1 file(s) uploaded>	
Former maps	0
Boundaries description	as for the Krimsforden Netrus December
The Ramsar site border is the same	as for the Kurefjorden Nature Reserve
2.2.2 - General location	
a) In which large administrative region does the site lie?	Viken
b) What is the nearest town or population	Moss
centre?	1
2.2.3 - For wetlands on national bound	daries only
a) Does the wetland extend onto the te	rritory of one or more other countries? Yes ○ No ●
b) Is the site adjacent to another design territory of a	another Contracting Party? Yes O No ●

Official area, in hectares (ha): 392

2.2.4 - Area of the Site

Area, in hectares (ha) as calculated from 391.231 GIS boundaries

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
EU biogeographic regionalization	1. Boreal
Other scheme (provide name below)	Boreonemoral vegetation zone, slightly oceanic section (Bn-O1).

Other biogeographic regionalisation scheme

- 1. Biogeographical regions of Europe, European Environment Agency, 2005
- 2. Zonal division showing the variation in vegetation from south to north and from the lowlands to the mountains, and sectional graduation showing the variation between the coast and inland (In: Moen, A. 1998. Nasjonalatlas for Norge; vegetasjon. Statens kartverk, Hønefoss).

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

1	Criterion '	1: R	epresentative,	rare	or	unique	natural	or	near-natural	wetland	types
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Hydrological services provided

The area functions as a sediment trap for eroded material carried along the streams flowing into the shallow waters.

The site is a very shallow fjord arm where large mud- and sandflats are regularly revealed at low tide. These are of high importance to feeding, resting and wintering birds, especially ducks and waders. Surrounding the site is large areas of interesting tidal Meadow vegetation. like these have become scarce as the result of infilling for industrial or other economic developments.

Criterion 2 : Rare species and threatened ecological communities

Optional text box to provide further The site supports a high diversity of bird species, including nationally red-listed species like the Northern information Lapwing Vanellus vanellus (NRL: CR),

Criterion 3 : Biological diversity

Justification

The site supports a high diversity of both water birds and vegetation.

☑ Criterion 4 : Support during critical life cycle stage or in adverse conditions

Optional text box to provide further information

The area is of high importance for bird life, especially as a feeding and resting site for migrating birds like ducks and waders. The area is also a moulting site for wildfowl, as well as a breeding site for a number of species.

Criterion 8 : Fish spawning grounds, etc.

The two streams Kureåa and Heiabekken that flow into Kurefjorden support populations of the anadromous brown trout Salmo trutta and the European eel Anguilla Anguilla (IUCN: CR, NRL: EN). The site has a function as migration and feeding ground for the anadromous brown trout and migration route for the European eel.

3.2 - Plant species whose presence relates to the international importance of the site

Phylum	Scientific name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
Plantae								
TRACHEOPHYTA/ LILIOPSIDA	Carex hartmanii	2					National Red List: VU	This species is recorded in the saltmarshes/tidal meadows.
TRACHEOPHYTA/ MAGNOLIOPSIDA	Trifolium fragiferum	2					National Red List: VU	This species is recorded in the salt marshes/tidal meadows.
TRACHEOPHYTA/ LILIOPSIDA	Zostera marina		2		LC			Criterion 3: This species is an important part of the eel grass meadows supporting birdlife.

Red list status is given according to the National Red List 2021.	

3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	qua un crite	cies lifies der erion	Species contribute under criterion 3 5 7	Pop. Size	Period of pop. Est	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
Fish, Mollusc a	ind Crustacea				<u> </u>		<u>'</u>					
CHORDATA/ CTINOPTERYGII	Anguilla anguilla	2			>			CR			National Red List: Considered as EN	Criterion 3: Kurefjorden includes this species typical or representative for the biogeographical region. Criterion 8: The two streams Kureåa and Heiabekken that flow into Kurefjorder support populations of this species.
CHORDATA/ CTINOPTERYGII	Salmo trutta				✓			LC				Criterion 8: The two streams Kureåa and Heiabekken that flow into Kurefjorden support populations of this species.
Birds							_			<u> </u>		<u>'</u>
CHORDATA/ AVES	Anas acuta	1						LC			National Red List: Considered as VU	Criterion 4: Feeding and staging site for this species.
CHORDATA/ AVES	Anas penelope											Criterion 4: Kurefjorden is a staging and feeding site for this species.
CHORDATA/ AVES	Aythya marila	1						LC			National Red List: Considered as EN	The site regularly hosts this species in winter.
CHORDATA/ AVES	Calidris alpina							LC				Criterion 4: Kurefjorden is a very important migration and feeding site for this species.
CHORDATA/ AVES	Calidris canutus	1						NT			National Red List: Considered as VU	Criterion 4: Kurefjorden is a very important migration and feeding site for this species.
CHORDATA/ AVES	Charadrius hiaticula							LC				Criterion 4: This species is a regular breeder.
CHORDATA/ AVES	Falco peregrinus	V						LC	V			Criterion 4: The species is regularly observed hunting in the area.
CHORDATA/ AVES	Grus grus							LC				Criterion 4: Resting and staging area for this species.
CHORDATA/ AVES	Haematopus ostralegus							NT				Criterion 4: This species is a regular breeder, but the number breeding couples seem to have been decreasing in the last years.
CHORDATA/ AVES	Larus marinus							LC				Criterion 4: This species breeds on the site.
CHORDATA/ AVES	Melanitta fusca	1						VU			National Red List: Considered as VU	Criterion 4: Staging/feeding site for this species.
CHORDATA/ AVES	Numenius arquata	1						NT			National Red List: Considered as EN	Criterion 4: Feeding and staging site for this species.
CHORDATA/ AVES	Pandion haliaetus							LC			National Red List: Considered as VU	Criterion 4: Important feeding area for this species.
CHORDATA/ AVES	Philomachus pugnax	1									National Red List: Considered as VU	Criterion 4: Important staging and feeding site for this species
CHORDATA/ AVES	Podiceps auritus	J						VU			National Red List: Considered as VU	Criterion 4: Staging/feeding site for this species.
CHORDATA/ AVES	Podiceps cristatus							LC				Criterion 4: Feeding and staging site for this species.

Phylum	Scientific name	Species qualifies under criterion	Species contributes under criterion 3 5 7 8	Size	Period of pop. Est.	 IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
CHORDATA/ AVES	Somateria mollissima					NT			National Red List: Considered as VU	Criterion 4: Feeding and staging site for this species.
CHORDATA/ AVES	Tadorna tadorna					LC			Annex II, Bern Convention	Criterion 4: Important staging and feeding area for this species.
CHORDATA/ AVES	Vanellus vanellus					NT			National Red List: Considered as CR	Criterion 4: This species is a regular breeder.

¹⁾ Percentage of the total biogeographic population at the site

Criterion 2: The site supports several-red listed species, such as the horned grebe and the Eurasian curlew.

Criterion 4. Kurefjorden is a very important migration and feeding site for a number of species, especially for ducks and waders. The area is also a moulting site for wildfowl, as well as a breeding site for a number of species. Over 250 different bird species have been recorded. Criterion 8: The Ramsar site has a function as migration and feeding ground for the sea trout and migration route for European eel.

Red list status is given according to the national red list 2021.

3.4 - Ecological communities whose presence relates to the international importance of the site

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Tidal meadows/salt marsh	Ø	Large areas of intact tidal meadows with interesting flora.	Listed as VU on the National Red List for Ecosystems and Habitat types. Important for the birdlife.
Semi-natural grassland	2		Listed as VU on the National Red List for Ecosystems and Habitat types.

Optional text box to provide further information

Eel grass meadows: Large areas with well-developed eel grass meadows in shallow waters. Highly important for feeding birds, as well as fish.

Mud- and sand flats: Large areas of intertidal mud- and sandflats with large amounts of invertebrates and mussels. Highly important for feeding and resting birds.

4 - What is the Site like? (Ecological character description)

4.1 - Ecological character

The site is a very shallow fjord arm, with water levels only 5 meters at most, with several areas considerably lower than this. This creates large, flat areas of mud- and sandflats exposed at low tide, which are rich in invertebrates, mussels and snails supporting a high diversity of bird species. In the permanently submerged areas, there are well-developed populations of the eel grass Zostera and some Ruppia, which are an important food source for certain bird species like Swans Cygnus sp. The flat landscape and small differences in tidal water levels have created large, connected areas of saltmarshes and tidal meadows surrounding the fjord. The outer parts of the saltmarshes are dominated by the Puccinellia maritima which is extremely salt-tolerant. A little farther toward land are other salt-tolerant species such as the Tripolium pannonicum, the Plantago maritima, the Glaux maritima and the Triglochin maritima. Scattered in the area are stands of Phragmites australis, Schoenoplectus maritimus and Carex paleacea. In the past, these saltmarshes/ tidal meadows used to cover much larger areas, but in the beginning of the 1970s, much of this land was turned into agricultural fields. Today the remaining areas are grazed by livestock in order to keep its meadow vegetation and not succumb to ovegrowing. Meadows like these also contain a high insect diversity.

In addition to this, there is a common alder wood in the south with species such as the Solanum dulcamara and the Lycopus europaeus, and in the outer parts of the site, there are a few naked skerries and small islands, also important to seabirds.

The catchment area of the Kureåa stream which flows into Kurefjorden is 12.5 km2 and comprises farmland (7,3 km2), woodland (1,9 km2) and built-up areas (3,3 km2).

4.2 - What wetland type(s) are in the site?

Marine or coastal wetlands

Marino di doddiai Wollando				
Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
A: Permanent shallow marine waters		1		Rare
G: Intertidal mud, sand or salt flats		2		

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Phylum	Scientific name	Position in range / endemism / other
TRACHEOPHYTA/MAGNOLIOPSIDA	Centaurium pulchellum	National Red List: NT. Registered in the meadows/saltmarshes.
TRACHEOPHYTA/MAGNOLIOPSIDA	Glaux maritima	Species associated with the saltmarshes/tidal meadows
TRACHEOPHYTA/MAGNOLIOPSIDA	Ononis spinosa hircina	National Red List: NT. Species connected to the saltmarshes/tidal meadows
TRACHEOPHYTA/LILIOPSIDA	Puccinellia maritima	Species associated with the saltmarshes/tidal meadows.
TRACHEOPHYTA/MAGNOLIOPSIDA	Salicornia europaea	Species associated with the saltmarshes/tidal meadows.
TRACHEOPHYTA/MAGNOLIOPSIDA	Spergularia marina	Species associated with the saltmarshes/tidal meadows.
TRACHEOPHYTA/MAGNOLIOPSIDA	Tripolium pannonicum	Species associated with the tidal meadows/saltmarsh vegetation.

Invasive alien plant species

Phylum	Scientific name	Impacts	Changes at RIS update
TRACHEOPHYTA/MAGNOLIOPSIDA	Rosa rugosa	Potential	unknown

4.3.2 - Animal species

Invasive alien animal species

Phylum	Scientific name	Impacts	Changes at RIS update
CHORDATA/AVES	Branta canadensis	Potential	unknown

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
D: Moist Mid-Latitude climate with cold winters	Dfb: Humid continental (Humid with severe winter, no dry season, warm summer)

The area has a coastal climate and average temperatures measured at Rygge airfield in the period 1961-1990 are –3.70 C in January and 16.00 C in July and annual precipitation in the same period was about 880 mm. In winter winds are predominantly northerly, with south-western in the summer months. The climate is typically coastal with warm summers and mild winters.

	. The climate is typically		mers and mild winters.
4.4.2 - Geomorphic set	ting		
a) Minimum elevation ab	pove sea level (in metres)		
a) Maximum elevation ab	pove sea level (in metres)		
	En	tire river basin	
	Upper par	t of river basin \square	
		t of river basin □	
	•	t of river basin ☑	
		_	
		one river basin 🗆	
	No	t in river basin \square	
		Coastal 🗹	
Please name the river basin	or basins. If the site lies in a	sub-basin, please also name	the larger river basin. For a coastal/marine site, please name the sea or ocean.
Kureåa stream. Also, a Norwegian Sea	another minor stream, F	leiebekken, drains part	of the area.
4.4.3 - Soil		Mineral ☑	
	(Update) Changes	at RIS update No change	Increase O Decrease O Unknown O
	No availab	le information \square	
	change as a result of changin ons (e.g., increased salinity or		
Please provide further inform	nation on the soil (optional)		
The soils are of marine	e clay, as well as some	marine sludge, seawee	d remains and shellsand which create nutrient-rich soil.
4.4.4 - Water regime			
Water permanence			
Presence?	Changes at RIS update		
Usually permanent water present			
Source of water that maintain: Presence?	s character of the site Predominant water source	Changes at RIS update	
Water inputs from surface	Predominant water source		
water		No change	
Water inputs from precipitation		No change	
Marine water		No change	

Water destination

Presence?	Changes at RIS update
Marine	No change

Stability of water regime

Otability of water regime	
Presence?	Changes at RIS update
Water levels fluctuating	No change

Please add any comments on the water regime and its determinants (if relevant). Use this box to explain sites with complex hydrology:

Large areas are very shallow and are exposed at low tide. The tidal range in the Oslofjord is small, normally 0.5 m. Throughout the site, the water does not exceed five meters depth.

4 4 5	_	100		
4.4.5	- Sec	tramit	rec	IIMA

Significant accretion or deposition of sediments occurs on the site ${f ec{\!$	
^(Update) Changes at RIS update No change (©) Increase (○) Decrease (○) Unknown (○)	
Sediment regime unknown □	
Please provide further information on sediment (optional):	
The area functions as a sediment trap for eroded material carried along the streams flowing into the shallow waters.	
4.4.6 - Water pH	
Unknown ☑	
4.4.7 - Water salinity	
Euhaline/Eusaline (30-40 g/l) ☑	
^(Update) Changes at RIS update No change □ Increase □ Decrease □ Unknown □	
Unknown	
4.4.8 - Dissolved or suspended nutrients in water	
Unknown ☑	
4.4.9 - Features of the surrounding area which may affect the Site	
Please describe whether, and if so how, the landscape and ecological	
characteristics in the area surrounding the Ramsar Site differ from the i) broadly similar O ii) significantly different ⊚ site itself:	
Surrounding area has greater urbanisation or development	
Surrounding area has higher human population density \Box	
Surrounding area has more intensive agricultural use 🗹	
Surrounding area has significantly different land cover or habitat types	
Please describe other ways in which the surrounding area is different:	

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Food for humans	Sustenance for humans (e.g., fish, molluscs, grains)	Medium

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Erosion protection	Soil, sediment and nutrient retention	Medium

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Nature observation and nature-based tourism	High
Scientific and educational	Long-term monitoring site	Medium

Other ecosystem service(s) not included above:

Considered one of the very best birdwatching sites in the county due to the species diversity and ease of viewing. Access is forbidden between 1st April and 10th July and from 20th August to 1st October. Only boats to and from the holiday huts and boats used for commercial fishing are allowed access during these periods.
Some commercial net fishing in some of the deeper parts out in the fjord in practiced.
The area functions as a sediment trap for eroded material carried along the streams flowing into the shallow waters.
There are no formal scientific studies, although local ornithologists monitor the birdlife at Kurefjorden on a voluntary basis. The management authorities have plans to produce a report with bird observations.
Farming is predominantly corn production.

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site?

4.5.2 - Social and cultural values

i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland	
ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland	
iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples	
iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland	

<no data available>

4.6 - Ecological processes

<no data available>

5 - How is the Site managed? (Conservation and management)

5.1 - Land tenure and responsibilities (Managers)

5.1.1 - Land tenure/ownership

lic owners	

Category	Within the Ramsar Site	In the surrounding area			
Local authority, municipality, (sub)district, etc.	/	/			

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Other types of private/individual owner(s)	₽	 ✓

Provide further information on the land tenure / ownership regime (optional):

within the Ramsar site: Private and municipality in the surrounding area: Private and municipality

5.1.2 - Management authority

agency or organization responsible for managing the site:

Please list the local office / offices of any | County governor of Oslo and Viken

Postal address: Pb. 325

Statsforvalteren i Oslo og Viken

1502 MOSS

E-mail address: sfovpost@statsforvalteren.no

5.2 - Ecological character threats and responses (Management)

5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Drainage	Medium impact	Medium impact		No change	₽	No change

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Fishing and harvesting aquatic resources	Medium impact	Medium impact	2	No change	✓	No change

Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Recreational and tourism activities	Medium impact	Medium impact	✓	No change	✓	No change

Please describe any other threats (optional):

within the Ramsar site:

Ornithologists have reported breaches of the reserve boundaries by hunters during the open season, and that birds have drowned in fishing nets. Watersports are also a problem, previously by surfboarders but now from kiting (2005).

in the surrounding area:

The largest saltmarshes and productive coastal plains in the Oslofjord were formerly a natural part of this wetland system, but in 1973-74 seawalls were built and large areas of coastal plain were cultivated. This cultivation has greatly reduced the site's natural values, not only botanically and in terms of the vegetation, but also as important breeding areas for wetland birds have been lost. Land masses are currently rising at a rate of 3 – 3.5 mm and this slowly, but surely, will recreate some saltmarsh.

5.2.2 - Legal conservation status

National legal designations

National legal designations			
Designation type	Name of area	Online information url	Overlap with Ramsar Site
nature reserve	Kurefjorden		whole

523-	IUCN	protected	areas	categories	(2008)

1	la Strict Nature Reserve
	Ib Wilderness Area: protected area managed mainly for wilderness protection
	II National Park: protected area managed mainly for ecosystem protection and recreation
	III Natural Monument: protected area managed mainly for conservation of specific natural features
	IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
	V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
	VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

5.2.5 - Management planning

Is there a site-specific management plan for the site? Yes

Has a management effectiveness assessment been undertaken for the site? Yes O № ●

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning Yes O No

processes with another Contracting Party?

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

A bird observation tower has been erected on western side, and it is a good observation point during the afternoons and evenings when the sun is behind the observer.

There are a number of active local ornithologists, and updated species lists can be found on the internet (artskart.no).

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No need identified

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Birds	Implemented

There are no formal scientific studies, although local ornithologists monitor the birdlife at Kurefjorden on a voluntary basis. The management authorities have plans to produce a report with bird observations.

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Botnemyr, R. 1993. Ornitologiske registreringer i Kurefjorden 1989-91. Østfold-Natur 33: 5-38. (In Norwegian – Bird observations in Kurefjorden 1989-1991).

Fylkesmannen i Østfold. 2012. Forvaltningsplan for Kurefjorden Naturreservat. Rapport 3/2012. (In Norwegian - Management plan for Kurefjorden Nature reserve).

Artsdatabanken (2021, 24. november). Norsk rødliste for arter 2021. https://www.artsdatabanken.no/lister/rodlisteforarter/2021 (Norwegian Red List of Species 2021. Norwegian Biodiversity Information Centre, Norway)

Hovda, J.R. & Aasgaard, K. 1993 Floraen i Rosnesbukta 1972. Østfold-Natur 33: 39-45. (In Norwegian – On the Flora of Rosenbukta).

Kålås, J.A., Viken, Å., Henriksen, S. and Skjelseth, S. (eds.). 2010. The 2010 Norwegian Red-list for Species. Norwegian Biodiversity Information centre, Norway.

Lundberg, A. & Rydgren, K. 1994. Havstrand på Sørøstlandet. Regionale trekk og botaniske verdier. NINA Forskningsrapport 47: 142-144. (In Norwegian – On Seashores and botanical importance in SE Norway).

Lågbu, Ø. & Rosnes, A. (red). 1980. Kurefjorden 1973-78. Ornitologiske undersøkelser og utviklingen i området. Østfold Natur 10: 1-84. (In Norwegian – On Bird studies at Kurefjorden 1973-1978).

6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<no file available>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<1 file(s) uploaded>

vi. other published literature

<no file available>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Kurefjorden, Rock skerries in the background. (Gunna Bjare, County Governor Østfold, 11-06-2011)



Horse grazing in the tidal meadows. (Gunnar Bjare County Governor Østfold 11-06-2011)



Phragmites stand in the north-east corner of the site. (Gunnar Bjare, County Governor Østfold, 04-10-



Tidal meadow vegetation (Gunnar Bjare, County Governor Østfold, 16-06-

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 1985-07-24