



Ramsar Information Sheet

Published on 9 July 2018

Update version, previously published on : 19 March 1996

Norway

Lista Wetlands System



Designation date	18 March 1996
Site number	804
Coordinates	58°04'57"N 06°41'15"E
Area	1 173,00 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

Lista Wetlands System consists of several sub-sites that are situated both along the coastline, as well as inland. From north-west to south-east the landscape is shifting from wild rocky formations to wide sandy beaches with scattered dune-landscapes and pebble beaches. Large areas with flat plains is characteristic for this part of Norway. Inland shallow lakes are important feeding areas for divers, grebes, cormorants and many species of diving ducks during winter and migration periods. The Site is of great importance to wintering and staging waterfowl, seabirds and waders, which is due to its great diversity and its strategic geographical location on the southern tip of Norway. Several of the nature types found here, such as sand dune systems and coastal heath are considered nationally red-listed nature types, and they host many specialized species.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Compiler 1

Name	Ellen Haakonsen Karr
Institution/agency	Norwegian Environment Agency
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2.1.2 - Period of collection of data and information used to compile the RIS

From year	2011
To year	2017

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Lista Wetlands System
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2.1.4 - Changes to the boundaries and area of the Site since its designation or earlier update

(Update) A. Changes to Site boundary	Yes <input checked="" type="radio"/> No <input type="radio"/>
(Update) The boundary has been delineated more accurately	<input type="checkbox"/>
(Update) The boundary has been extended	<input checked="" type="checkbox"/>
(Update) The boundary has been restricted	<input type="checkbox"/>
(Update) B. Changes to Site area	the area has increased
(Update) The Site area has been calculated more accurately	<input type="checkbox"/>
(Update) The Site has been delineated more accurately	<input type="checkbox"/>
(Update) The Site area has increased because of a boundary extension	<input checked="" type="checkbox"/>
(Update) The Site area has decreased because of a boundary restriction	<input type="checkbox"/>

2.1.5 - Changes to the ecological character of the Site

(Update) 6b i. Has the ecological character of the Ramsar Site (including applicable Criteria) changed since the previous RIS?	Not evaluated
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2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image

<1 file(s) uploaded>

Former maps	0
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Boundaries description

The boundaries are the same as for Steinodden Bird Protection Area, Steinodden Plant- and bird Protection Area (these two are adjacent and can be seen as one continuous area), Slevdalsvann Nature Reserve, Nordhasselvika Bird Protection Area, Fuglevika Bird Protection Area, Nesheimvann Nature Reserve, Kviljo Plant- and bird Protection Area, Prestvannet Bird Protection Area, Havika Bird Protection Area, Harangervann and Kråkenesvann Landscape Protection Area, Einarsneset Plant- and Bird Protection Area and Røyrtjønn Nature Reserve. The sub-site Slevdalsvann was added to the Wetlands System in 2017.

2.2.2 - General location

a) In which large administrative region does the site lie?	Aust-og Vest-Agder
b) What is the nearest town or population centre?	Farsund by, with 3326 app. inhabitants (2016)

2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries? Yes No

b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes No

2.2.4 - Area of the Site

Official area, in hectares (ha):

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

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
EU biogeographic regionalization	Atlantic

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

- Criterion 1: Representative, rare or unique natural or near-natural wetland types

Other ecosystem services provided: This part of Norway has been populated for a very long time, and the area has a high number of archaeological remains.

Other reasons: An important area for a high diversity of bird species, in particular as a staging and resting site for migratory species, due to its strategic geographical location. Characteristic flat south-west Norwegian coastal landscape, with sand dunes and long sandy beaches, and wetland areas With mires and shallow lakes. The human impact through centuries has created a special landscape that is unique to the south-west coast of Norway.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification: The site contains a high diversity of bird- and plant species.

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

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









Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Corynephorus canescens</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National red list status: EN	The site is very important for this species, and Southern Norway is the northern limit for this species.
<i>Eryngium maritimum</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National red list status: EN	The site is very important for this species.
<i>Gentiana pneumonanthe</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National red list status: VU	The site is very important for this species as one of its remaining habitats.

It is referred to the Norwegian Red List from 2015.

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

Phylum	Scientific name	Common name	Species qualifies under criterion			Species contributes under criterion			Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5								
Birds																

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	<i>Acrocephalus paludicola</i>	Aquatic Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Criterion 4: This rare species is observed regularly staging at the site at the fall migration.
CHORDATA / AVES	<i>Alca torda</i>	Razorbill	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: EN	Criterion 4: Important staging area for this species.
CHORDATA / AVES	<i>Aythya marila</i>	Greater Scaup	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Important staging and wintering site for this species.
CHORDATA / AVES	<i>Calidris alpina</i>	Dunlin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important staging area for this species.
CHORDATA / AVES	<i>Cephus grylle</i>	Black Guillemot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Important staging and wintering area for this species.
CHORDATA / AVES	<i>Charadrius hiaticula</i>	Common Ringed Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important breeding and staging area for this species.
CHORDATA / AVES	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Important breeding and feeding area for this species. App. 900 pairs registered.
CHORDATA / AVES	<i>Clangula hyemalis</i>	Oldsquaw; Long-tailed Duck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important staging and wintering site for this species.
CHORDATA / AVES	<i>Gallinula chloropus</i>	Common Moorhen	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Staging site for this species.
CHORDATA / AVES	<i>Larus fuscus</i>	Lesser Black-backed Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important breeding site for this species.
CHORDATA / AVES	<i>Larus fuscus intermedius</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4474	2013			<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important beeding site for this species.
CHORDATA / AVES	<i>Melanitta fusca</i>	White-winged Scoter; Velvet Scoter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Important staging and moulting area for this species.
CHORDATA / AVES	<i>Melanitta nigra</i>	Black Scoter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: NT	Criterion 4: Important staging, breeding and wintering site for this species.
CHORDATA / AVES	<i>Numenius arquata</i>	Eurasian Curlew	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Important breeding area for this species.
CHORDATA / AVES	<i>Phalacrocorax aristotelis</i>	European Shag	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important staging and wintering site for this species.
CHORDATA / AVES	<i>Phalacrocorax carbo</i>	Great Cormorant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important area for this species, both as a breeding site and a staging and wintering site.
CHORDATA / AVES	<i>Philomachus pugnax</i>	Ruff	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: EN	Criterion 4: Important staging area for this species.
CHORDATA / AVES	<i>Podiceps auritus</i>	Horned Grebe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Important staging and wintering site for this species.

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	<i>Rallus aquaticus</i> 	Water Rail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: VU	Criterion 4: Important staging and breeding area for this species.
CHORDATA / AVES	<i>Somateria mollissima</i> 	Common Eider	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	700			NT 	<input type="checkbox"/>	<input type="checkbox"/>		Criterion 4: Important site for this species through the whole year. Breeding, moulting and staging site. app. 350 breeding couples.
CHORDATA / AVES	<i>Tadorna tadorna</i> 	Common Shelduck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Annex II, Bern Convention	Criterion 4: Important breeding and staging site for this species.
CHORDATA / AVES	<i>Vanellus vanellus</i> 	Northern Lapwing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	National red list status: EN	Criterion 4: Important staging area for this species. Breeding also occurs.

1) Percentage of the total biogeographic population at the site

It is referred to the Norwegian Red List from 2015.

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
Coastal heath	<input checked="" type="checkbox"/>	A semi-natural nature type. Consists of low growing heath vegetation that is in need of grazing or burning in order to maintain its ecological state.	Listed as EN in the Norwegian red list for ecosystems and habitat types 2011.
Sand-dune systems	<input checked="" type="checkbox"/>	Consists of shifting sand-dunes, formed by sand from the sea blown inland by the wind.	Listed as VU in the Norwegian red list for ecosystems and habitat types 2011.
Eutrophic lakes	<input type="checkbox"/>	Nutrient-rich lakes with a diverse underwater vegetation, supporting a variation of fish and bird species.	Important areas for the large amounts of wintering, moulting and breeding water birds.

Optional text box to provide further information

Sand-dune systems: An open-area nature type, usually by the coast. The areas closest to the seashore are the most shifting and unstable, rarely supporting vegetation. Further inland the substrate get gradually more stable, supporting typical coastal vegetation.

Coastal Heath: A traditional semi-natural nature type that used to be very common all along the coast of Norway, but is now highly threatened by overgrowing and cessation of farming.

Eutrophic lakes: The lakes are surrounded by agriculture, and have been affected by human influence for centuries. This has created several lakes rich in nutrients and with a large species diversity, of high importance to many bird species.

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

4.1 - Ecological character

Shallow bays with sand or rocky outcrops allows large quantities of seaweed to accumulate, and thus create rich feeding opportunities for birds. The geographic position of Lista combined with shallow waters, sand dune systems and wetlands makes this area internationally important for migrating birds. Active sand dunes systems characterize the beaches, with several typical plant species such as the *Eryngium maritimum* and the *Ammophila arenaria*. Nesheimvann, Prestvann, Hanagervann - Kråkenesvann and Røyrtjønn are all freshwater lakes partly eutrophicated and partly dominated by *Phragmites communis*. The complex of natural habitats makes Lista valuable for migratory birds and for a number of plant communities which are nationally rare.

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

Marine or coastal wetlands

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		Representative
B: Marine subtidal aquatic beds (Underwater vegetation)		2		
D: Rocky marine shores		3		
E: Sand, shingle or pebble shores		3		

Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Lakes and pools >> O: Permanent freshwater lakes		1		

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Scientific name	Common name	Position in range / endemism / other
<i>Ammophila arenaria</i>		This nationally rare plant species occurs in the area
<i>Atriplex laciniata</i>		This nationally rare plant species occurs in the area
<i>Carex diandra</i>		This nationally rare plant species occurs in the area
<i>Crambe maritima</i>		This nationally rare plant species occurs in the area
<i>Hedera helix</i>		This nationally rare plant species occurs in the area
<i>Ilex aquifolium</i>		This nationally rare plant species occurs in the area

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range / endemism/other
CHORDATA/AVES	<i>Acrocephalus palustris</i>	Marsh Warbler				
CHORDATA/AVES	<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	300			300 pairs
CHORDATA/AVES	<i>Acrocephalus scirpaceus</i>	Eurasian Reed Warbler				
CHORDATA/AVES	<i>Anser anser</i>	Greylag Goose	4000			
CHORDATA/AVES	<i>Aythya ferina</i>	Common Pochard	300			
CHORDATA/AVES	<i>Aythya fuligula</i>	Tufted Duck	1000			
CHORDATA/AVES	<i>Emberiza schoeniclus</i>	Reed Bunting;Common Reed Bunting;Common Reed-Bunting				
CHORDATA/AVES	<i>Larus canus</i>	Mew Gull	350			350 pairs
CHORDATA/AVES	<i>Motacilla flava</i>	Western Yellow Wagtail				
CHORDATA/AVES	<i>Sturnus vulgaris</i>	European Starling	60000			

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
D: Moist Mid-Latitude climate with cold winters	Dfc: Subarctic (Severe winter, no dry season, cool summer)

The area has a coastal climate, but due to its sheltered position on the Skagerak coast, it still enjoys relatively warm summers. Winters are mild, with annual precipitation around 800mm.

4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

Entire river basin

Upper part of river basin

Middle part of river basin

Lower part of river basin

More than one river basin

Not in river basin

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.

The site lies in the main catchment area Lygna/Kyst Lindesnes-Lista, and within this area we find the rivers Nesheim, Frøyslandbekken and Ellebekken that all have outlet in the Norwegian Sea.

4.4.3 - Soil

Mineral

(Update) Changes at RIS update No change Increase Decrease Unknown

No available information

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes No

4.4.4 - Water regime

Water permanence

Presence?	Changes at RIS update
Usually permanent water present	

4.4.5 - Sediment regime

Sediment regime unknown

4.4.6 - Water pH

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

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

Eutrophic

(Update) Changes at RIS update No change Increase Decrease Unknown

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 site itself: i) broadly similar ii) significantly different

Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

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:

Agricultural use, fishing and hunting, recreation and camping, military use, excavation of sand and industry. Planting of alien coniferous trees as windshelter.

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	Medium
Recreation and tourism	Picnics, outings, touring	Medium
Recreation and tourism	Nature observation and nature-based tourism	Medium
Recreation and tourism	Water sports and activities	Medium
Spiritual and inspirational	Cultural heritage (historical and archaeological)	High
Scientific and educational	Long-term monitoring site	Medium

Other ecosystem service(s) not included above:

This area is important for leisure activities such as swimming, camping and birdwatching. The Lista area is noted for a large number of archaeological findings of national importance, including ancient and monumental burial sites, ca. 1,500 in all. Many sites are located within the reserves. Hanangervann and Kråkenesvann are listed by IBP/Project Aqua as freshwater reservoirs of scientific interest.

Nature conservation, recreation, fishing and boating

The Lista bird observatory situated at Lista lighthouse records the bird migration in the area as a part of a European network.

Camping sites, hunting, windsurfing and boating

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes No Unknown

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

Public ownership

Category	Within the Ramsar Site	In the surrounding area
Local authority, municipality, (sub)district, etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

site: Partly municipality and partly private.

surrounding area: Private and municipality.

5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

County-Governor Aust- og Vest-Agder

Postal address:

Post Box 788 Stoa, 4809 Arendal

E-mail address:

fmapost@fylkesmannen.no

5.2 - Ecological character threats and responses (Management)

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

Human settlements (non agricultural)

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Commercial and industrial areas	Medium impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Housing and urban areas	Low impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Water abstraction	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change
Water releases	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Wood and pulp plantations	Low impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	decrease

Energy production and mining

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Mining and quarrying	Low impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	decrease

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Agricultural and forestry effluents	Medium impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Please describe any other threats (optional):

at the site: Some problems due to leisure activities, such as surfing, which can be harmful to the vulnerable sand dunes. Hanangervann - Kråkensvann is used as a freshwater supply for the local aluminum plant, and the water released into the Huseby bay, which is right by the sub-site Einarsneset. This caused some negative impacts on the water quality in the previous years. Water testing done by NIVA (The Norwegian Institute for Water Research) shows that pollution from these plants has been greatly reduced in the last years, improving the conditions for especially invertebrates and algae.

in the surroundings/catchment: Agricultural, gravel quarries, and development for housing and industry. There are some areas with spruce forest, planted to provide shelter from strong winds.

5.2.2 - Legal conservation status

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
nature reserve			whole
plant and bird protection area			whole

5.2.3 - IUCN protected areas categories (2008)

- Ia 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

<no data available>

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Species

Measures	Status
Threatened/rare species management programmes	Implemented

Other:

Protection of Norway's largest stand of Phragmites communis at Slevdalsvann.

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 No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes No

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

Posters, brochures and a booklet covering the natural history of the reserves and the seashore in general.

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No, the site has already been restored

Further information

The sub-site lake Slevdalsvann has been restored quite recently (2015). At the moment further need for restoration is unknown.

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Birds	Implemented
Water quality	Implemented

The Lista bird observatory situated at Lista lighthouse records the bird migration in the area as a part of a European network. NIVA controls the water quality in areas with industry.

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Fylkesmannen i Aust- og Vest-Agder. 2017. Forvaltningsplan for Listastrendene landskapsvernområde med tilhørende plante- og fuglefredningsområder (utkast). (The plan is in Norwegian, translates: County Governor of Aust- and Vest-Agder. Management plan for the Lista beaches landscape protection area, With plant- and animal protection sites (Draft, not yet published).

Numerous reports (in Norwegian) and studies have been published on the natural history and archeological findings in the area. The management authorities have published reports on the management of all protected areas at Lista.

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

<no file available>

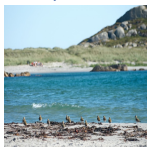
vi. other published literature

<no file available>

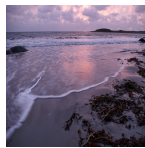
<no data available>

6.1.3 - Photograph(s) of the Site

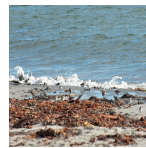
Please provide at least one photograph of the site:



From the sub-site Havika. (Pål Klevan, County Governor of Agder, 25-08-2013)



Beach at sub-site Nordhasselvika. (Pål Klevan, County Governor of Agder, 02-12-2006)



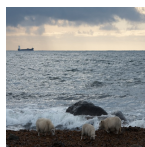
Common ringed plover and dunlin at the Beach at sub-site Kviljo (Pål Klevan, County Governor of Agder, 25-08-2013)



Beach at sub-site Nordhasselvika. (Pål Klevan, County Governor of Agder, 03-03-2013)



Beach at sub-site Nordhasselvika. (Pål Klevan, County Governor of Agder, 26-02-2014)



Sheep at the Beach at sub-site Steinodden (Pål Klevan, County Governor of Agder, 14-11-2010)



Aerial photo of sub-site Steinodden. (Pål Klevan, County Governor of Agder, 10-11-2013)



Cattle in the sub-site Fuglevika. (Pål Klevan, County Governor of Agder, 26-02-2013)



From the sub-site Einarsneset in the Winter. (Pål Klevan, County Governor of Agder, 07-12-2006)



From the sub-site Einarsneset in the summer. (Pål Klevan, County Governor of Agder, 22-08-2009)



From the sub-site Fuglevika in the Winter. (Pål Klevan, County Governor of Agder, 26-02-2013)



From the sub-site Hanangervann og Kråkenes in the Winter. (Pål Klevan, County Governor of Agder, 02-12-2006)



Beach at sub-site Havika. (Pål Klevan, County Governor of Agder, 22-08-2009)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation