



Ramsar Information Sheet

Published on 6 October 2023

Update version, previously published on : 1 January 1992

Germany Lake Chiemsee



Designation date	26 February 1976
Site number	95
Coordinates	47°52'35"N 12°27'15"E
Area	8 231,00 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

Chiemsee is a natural freshwater lake in Southeastern Bavaria with extensive natural shore vegetation and hydro-seral areas. Many settlements at the lake have leisure facilities, mainly harbours for sailing boats. There is an important delta of the Tiroler Ache river to the south with extensive floodplains and periodic mudflats. There are large moorlands to the south (partly cultivated for agriculture and mostly outside the site).

It is a large mesotrophic freshwater lake situated in a glacier basin, with fringing reedbelts and fen areas. The delta of the Tiroler Ache River is situated within the site and supports vast mudflats and alluvial forests. Internationally important as a resting and wintering area for waterbirds, the site supports various breeding birds and several notable fish and plant species. Access and leisure activities are partly restricted and fish spawning areas are protected.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Responsible compiler

Institution/agency	Landesamt für Umwelt Bayern
Postal address	Bürgermeister-Ullrich-Straße 160 86179 Augsburg

National Ramsar Administrative Authority

Institution/agency	International Cooperation on Biodiversity Ramsar Focal Point Germany Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection
Postal address	Stresemannstraße 128 - 130, 10117 Berlin, Germany

2.1.2 - Period of collection of data and information used to compile the RIS

From year	2000
To year	2021

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Lake Chiemsee
Unofficial name (optional)	Chiemsee

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 type="radio"/> No <input checked="" type="radio"/>
(Update) B. Changes to Site area	No change to area
(Update) For secretariat only: This update is an extension	<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?	No
--	----

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image
<2 file(s) uploaded>

Former maps	0
-------------	---

Boundaries description

The site boundary follows the contours of the lake for the most part. In the South-East the site also comprises parts of the nature reserve "Mündung der Tiroler Ache". The Ramsar Site is partly identical with EU Natura 2000 Sites Chiemsee (SCI) and Chiemsee mit Alz (SPA).

2.2.2 - General location

a) In which large administrative region does the site lie?	District: Traunstein, Rosenheim; State: Bavaria; Federal Republic of Germany
b) What is the nearest town or population centre?	Traunstein

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	Continental

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 reasons

Alpine lake of glacial origin with a significant delta and floodplain forests of the main tributary River Tiroler Ache. Surrounded by extended reed belts, peatbog and fen areas for grassland birds. With an extent of 80 km² largest lake in Bavaria, depth more than 70 m. The delta of the Tiroler Ache represents a natural delta with unique biotope diversity for Central Europe.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification

Oligo-mesotrophic lake with predominantly close to nature riverside. Numerous occurrences of species of EU Habitats Directive Annex II. Several species of submersed macrophytes, phytoplankton and zooplankton as indicator for water quality and as food source precondition for animal abundance, especially waterbirds.

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

End year 2014

- Criterion 6 : >1% waterbird population

- Criterion 8 : Fish spawning grounds, etc.

Justification

The site host a number of rare fish species for which it provides food, spawning grounds and nursery area. See table 3.3. for details

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/ MAGNOLIOPSIDA	<i>Apium repens</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	EU Habitats Directive Annex II, National RL 1 (CR), State RL 2 (EN)	Rare pioneer species
CHAROPHYTA/ CHAROPHYCEAE	<i>Chara aspera</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	National Red List 3 (VU)	Typical submerge vegetation
CHAROPHYTA/ CHAROPHYCEAE	<i>Chara tomentosa</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National and State Red List	Typical submerge vegetation
TRACHEOPHYTA/ LILIOPSIDA	<i>Iris sibirica</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National and State RL 3 (VU)	
TRACHEOPHYTA/ LILIOPSIDA	<i>Liparis loeselii</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	EU Habitats Directive Annex II., National and State RL 2 (EN)	Typical for endangered fen habitats
TRACHEOPHYTA/ LILIOPSIDA	<i>Najas marina</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	National and State Red List	Typical submerge vegetation
TRACHEOPHYTA/ LILIOPSIDA	<i>Potamogeton gramineus</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	National and State RL 2 (EN)	Typical for endangered fen habitats
TRACHEOPHYTA/ LILIOPSIDA	<i>Potamogeton nitens</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National and State RL 2 (EN)	Typical submerge vegetation
TRACHEOPHYTA/ LILIOPSIDA	<i>Spiranthes aestivalis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National and State RL 2 (EN)	
CHAROPHYTA/ CHAROPHYCEAE	<i>Tolypella glomerata</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	National and State Red List	Typical submerge vegetation

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

Phylum	Scientific 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								
Others																	
CHORDATA/ AMPHIBIA	<i>Bombina variegata</i>	<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"/>	EU Habitats Directive Annex II; EN, German Red List 2020	Rare; Spawning and development within a narrow period
ARTHROPODA/ INSECTA	<i>Maculinea nausithous</i>	<input checked="" type="checkbox"/>	<input 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"/>	EU Habitats Directive Annex II	
ARTHROPODA/ INSECTA	<i>Maculinea teleius</i>	<input checked="" type="checkbox"/>	<input 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"/>	EU Habitats Directive Annex II	
CHORDATA/ MAMMALIA	<i>Myotis emarginatus</i>	<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"/>	EU Habitats Directive Annex II	Nursery colony in the castle of Herrenchiemsee
CHORDATA/ MAMMALIA	<i>Myotis myotis</i>	<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"/>	EU Habitats Directive Annex II	Nursery colony in the castle of Herrenchiemsee
CHORDATA/ MAMMALIA	<i>Rhinolophus hipposideros</i>	<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"/>	EU Habitats Directive Annex II	Nursery colony in the castle of Herrenchiemsee
Fish, Mollusc and Crustacea																	
CHORDATA/ ACTINOPTERYGII	<i>Alburnus chalcoides</i>	<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 checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	RL, EU Habitats Directive Annex II	Food source for fishes, fish spawning grounds,nursery area
CHORDATA/ ACTINOPTERYGII	<i>Coregonus hoferi</i>	<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 checked="" type="checkbox"/>				CR	<input type="checkbox"/>	<input type="checkbox"/>	RL, EU Habitats Directive Annex V	BERG, 1932, endemic species; Food source for fishes, fish spawning grounds,nursery area
CHORDATA/ ACTINOPTERYGII	<i>Cottus gobio</i>	<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 checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	EU Habitats Directive Annex II	Food source for fishes, fish spawning grounds,nursery area
CHORDATA/ ACTINOPTERYGII	<i>Leuciscus aspius</i>	<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 checked="" type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	National RL 3 (VU), EU Habitats Directive Annex II	Food source for fishes, fish spawning grounds,nursery area
CHORDATA/ ACTINOPTERYGII	<i>Rutilus meidingeri</i>	<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 checked="" type="checkbox"/>				EN	<input type="checkbox"/>	<input type="checkbox"/>	Federal RL 1 (CR), EU Habitats Directive Annex II	Very Rare species Food source for fishes, fish spawning grounds,nursery area
CHORDATA/ ACTINOPTERYGII	<i>Rutilus virgo</i>	<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 checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Federal RL 3 (VU), EU Habitats Directive Annex II	Very Rare species Food source for fishes, fish spawning grounds,nursery area
Birds																	
CHORDATA/ AVES	<i>Anas strepera</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"/>	1306	1999-2014	0.5	LC	<input type="checkbox"/>	<input type="checkbox"/>		Resting wintering
CHORDATA/ AVES	<i>Aythya fuligula</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7204	1999-2014	1.6	LC	<input type="checkbox"/>	<input type="checkbox"/>		Max. 12041 Mean 7204; Resting wintering; Population Central Europe, Black Sea & Mediterranean (win)
CHORDATA/ AVES	<i>Fulica atra</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18938	1999-2014	0.5	LC	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive Annex I	Resting wintering
CHORDATA/ AVES	<i>Mergus merganser</i>	<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"/>	50	1999-2014	1.5	LC	<input type="checkbox"/>	<input type="checkbox"/>		Population merganser, Central west Europe (bre)
CHORDATA/ AVES	<i>Netta rufina</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	508	1999-2014	1.5	LC	<input type="checkbox"/>	<input type="checkbox"/>		Resting wintering; Population Black Sea & East Mediterranean

1) Percentage of the total biogeographic population at the site

staging area for migratory waterbird species + waterbird wintering/non-breeding/dry season area

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
EU Code 3140 Oligotrophic to mesotrophic calcareous waters of all zones hosting submerse stonewort communities	<input checked="" type="checkbox"/>	Charetea	EU Habitats Directive Annex I
EU-Code 3150 Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	<input checked="" type="checkbox"/>		EU Habitats Directive Annex I
EU Code 7210 Calcareous fens with Cladium mariscus and species of the Carico	<input checked="" type="checkbox"/>	Phragmitetæe (Röhrrichte und Seggenrieder)	EU Habitats Directive Annex I
EU Code 6410 Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Eu-Molini)	<input checked="" type="checkbox"/>	Molinion caeruleae (Streuwiesen)	EU Habitats Directive Annex I
EU Code 6510 Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)	<input checked="" type="checkbox"/>	Magere Flachland-Mähwiesen (Alopecurus pratensis, Sanguisorba officinalis)	EU Habitats Directive Annex I
EU Code 7230 Alkaline fens	<input checked="" type="checkbox"/>	Kalkreiche Niedermoore	EU Habitats Directive Annex I
EU Code 9180 Tilio-Acerion forests of slopes, screes and ravines	<input checked="" type="checkbox"/>		EU Habitats Directive Annex I
EU Code 3270 Rivers with muddy banks with Chenopodium rubri p.p. and Bidention p.p. vegetation	<input checked="" type="checkbox"/>	Schlammige Flußufer mit Vegetation der Verbände Chenopodium rubri (p.p.) und Bidention (p.p.)	EU Habitats Directive Annex I
EU Code 6430 Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels	<input checked="" type="checkbox"/>	Feuchte Hochstaudenfluren der planaren und montanen bis alpinen Stufe	EU Habitats Directive Annex I
EU Code 91E0 Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Pandion, Alnion incanae, Salicion albae)	<input checked="" type="checkbox"/>		EU Habitats Directive Annex I
EU Code 3130 Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the Isoëto-Nanojuncetea	<input checked="" type="checkbox"/>	Oligo- bis mesotrophe stehende Gewässer mit Vegetation der Littorelletea uniflorae und/oder der Isoëto-Nano	EU Habitats Directive Annex I

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

4.1 - Ecological character

Extensive water body mainly free of vegetation; natural shore vegetation with reed beds (*Phragmites communis*) dominant, hydro-seral areas, calcareous fens; partially surrounded by willow shrubs. The delta at the southeastern part of the lake contains all succession stages from mudbanks to older alluvial forests. Surroundings: peatlands, pasture and arable land, woods. Seasonally strong differences in water level (high in late spring/summer, low in winter).

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

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 > Flowing water >> L: Permanent inland deltas	Delta der Tiroler Achen	3	50	Unique
Fresh water > Flowing water >> M: Permanent rivers/ streams/ creeks	Tiroler Ache	4	10	Rare
Fresh water > Lakes and pools >> O: Permanent freshwater lakes	Lake Chiemsee	1	8500	Representative
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/ pools		3	50	Representative
Fresh water > Lakes and pools >> Ts: Seasonal/ intermittent freshwater marshes/ pools on inorganic soils		4	7.5	Representative
Fresh water > Marshes on peat soils >> U: Permanent Non-forested peatlands	Grabenstätter Moos	2	150	Rare
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands	Auwald im NSG Mündung der Tiroler Achen	2	180	Representative

Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
three islands	340

4.3 - Biological components

4.3.1 - Plant species

Invasive alien plant species

Phylum	Scientific name	Impacts	Changes at RIS update
TRACHEOPHYTA/MAGNOLIOPSIDA	<i>Fallopia multiflora ciliinervis</i>	Potential	increase
TRACHEOPHYTA/MAGNOLIOPSIDA	<i>Impatiens glandulifera</i>	Actual (major impacts)	increase
TRACHEOPHYTA/MAGNOLIOPSIDA	<i>Solidago canadensis</i>	Actual (major impacts)	increase

4.3.2 - Animal species

Invasive alien animal species

Phylum	Scientific name	Impacts	Changes at RIS update
MOLLUSCA/BIVALVIA	<i>Dreissena polymorpha</i>	Actual (major impacts)	No change

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
C: Moist Mid-Latitude climate with mild winters	Cfb: Marine west coast (Mild with no dry season, warm summer)

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.

mainly lake basin
Tiroler Ache

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	

Source of water that maintains character of the site

Presence?	Predominant water source	Changes at RIS update
Water inputs from surface water	<input checked="" type="checkbox"/>	No change
Water inputs from groundwater	<input type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
To downstream catchment	No change

Stability of water regime

Presence?	Changes at RIS update
Water levels largely stable	No change

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

The Chiemsee was polluted and considered eutrophic in the 1970s and 1980s because of the wastewater discharges from the surrounding municipalities and the nutrient contamination on the Tiroler Ache. In 1989 the ring sewerage network was built, minimizing afterwards the nutrient input via domestic sewage. Since that time phosphate levels have declined and the lake Chiemsee can now be clearly classified as mesotrophic.

4.4.5 - Sediment regime

Significant accretion or deposition of sediments occurs on the site

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

Significant transportation of sediments occurs on or through the site

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

Sediment regime unknown

4.4.6 - Water pH

Alkaline (pH>7.4)

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

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

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

Unknown

4.4.8 - Dissolved or suspended nutrients in water

Mesotrophic

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

Unknown

Please provide further information on dissolved or suspended nutrients (optional):

Water quality: good chemical state

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 ii) significantly different site itself:

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

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)	Low

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	High
Recreation and tourism	Water sports and activities	High
Recreation and tourism	Nature observation and nature-based tourism	Medium
Spiritual and inspirational	Inspiration	High
Spiritual and inspirational	Cultural heritage (historical and archaeological)	High
Spiritual and inspirational	Contemporary cultural significance, including for arts and creative inspiration, and including existence values	High
Spiritual and inspirational	Aesthetic and sense of place values	High
Scientific and educational	Educational activities and opportunities	High
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	High
Scientific and educational	Long-term monitoring site	High
Scientific and educational	Type location for a taxon	High

Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain, and the ecosystems of which they form a part	High

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

RIS for Site no. 95, Lake Chiemsee, Germany

- 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
Provincial/region/state government	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>

5.1.2 - Management authority

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

1) Ornithologische Arbeitsgemeinschaft Landesbund für Vogelschutz in Bayern e.V. (LBV)
2) Regierung von Oberbayern, Sachgebiet 51 (2) poststelle@reg-ob.bayern.de)

Provide the name and/or title of the person or people with responsibility for the wetland:

Dr. Andreas von Lindeiner (a-v-lindeiner@blv.de)

Postal address:

1) Eisvogelweg 1; 91161 Hilpoltstein

E-mail address:

gebietsbetreuer@chiemseegebiet.de

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
Tourism and recreation areas	High impact		<input checked="" type="checkbox"/>	increase	<input checked="" type="checkbox"/>	increase
Unspecified development	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	increase

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Drainage	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Canalisation and river regulation	Medium impact		<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Annual and perennial non-timber crops	Medium impact		<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	increase

Transportation and service corridors

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

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Hunting and collecting terrestrial animals	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Fishing and harvesting aquatic resources	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
(Para)military activities	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Recreational and tourism activities	High impact	High impact	<input checked="" type="checkbox"/>	increase	<input checked="" type="checkbox"/>	increase

Invasive and other problematic species and genes

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Invasive non-native/ alien species	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	increase

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Household sewage, urban waste water	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Agricultural and forestry effluents	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Air-borne pollutants	Medium impact		<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

5.2.2 - Legal conservation status

Regional (international) legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
EU Natura 2000	Moore südlich des Chiemsees 8140-371} {Moore südlich des Chiemsees 8141-471} {Chiemsee mit Alz 8140-471} {Chiemsee 8140-372}		partly

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
nature reserve	Mündung der Tiroler Ache		partly

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

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Habitat

Measures	Status
Improvement of water quality	Implemented

Human Activities

Measures	Status
Communication, education, and participation and awareness activities	Implemented
Research	Implemented

Other:

other pollution control: implemented

5.2.5 - Management planning

Is there a site-specific management plan for the site? No

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:

Gewässerentwicklungsplan
poststelle@wwa-ts.bayern.de

URL of site-related webpage (if relevant): <http://www.lbv.de/unsere-arbeit/themen-kampagnen/biologische-vielfalt/ramsar-gebiete.html>

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
Water regime monitoring	Implemented
Water quality	Implemented
Plant community	Implemented
Animal species (please specify)	Implemented

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Bayerisches Landesamt für Umweltschutz (2000); Artenschutz-Kartierung (Datenbank-Auszug)

LfU / Staatliche Vogelschutzwarte (2003); Datenbankauszug Wasservogelzählung 2014

Lohmann, M. (2000); OAG Chiemsee. Bericht 1. Halbjahr 2000; Rundbrief, unveröff.

OAG Chiemsee, Michael Lohmann; Jahresberichte bis 2012

Universität München. (Nature Reserve Mouth of Tiroler Achen: Analysis of problems and proposals for improvements. Thesis, University of Munich.)

Lohmann, M. & Hohlt G. (1989). Erste Brutnachweise für Gänsesäger *Mergus merganser* und Schellente *Bucephala clangula* am Chiemsee. Anz. orn. Ges. Bayern 28: 66-67. (First breeding records for *Mergus merganser* and *Bucephala clangula* on Chiemsee).

Lohmann M (1997a) Zur Bedeutung des Chiemsees als Rastgewässer für Wasservögel unter besonderer Berücksichtigung des Einflusses der Jagd und der Bedeutung der ausgewiesenen Jagdruhezonen; unveröff. Gutachten im Auftrag des Bayerischen Staatsministeriums für Ernährung, Landwirtschaft und Forsten

Lohmann M (1997b) Zum Einfluß von Freizeitaktivitäten auf die Rast- und Nahrungsplatzsituation für Wasservögel am Chiemsee; unveröff. Gutachten im Auftrag des Bayerischen Staatsministeriums für Landesentwicklung und Umweltfragen

Lohmann M, Vogel M (1997) Die bayerischen Ramsar-Gebiete; Laufener Forschungsbericht 5, 51 S.

Lohmann, M (2009) Chiemsee-Naturführer; 4. überarbeitete Auflage. Übersee, 150 S.

Lohmann, M & B.-U. Rudolph (2015): Avifauna Chiemseegebiet (in Vorbereitung)

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:



Delta of the river Ache in nature protection area of lake Chiemsee (Daten aus dem Bayer. Fachinfo.system Naturschutz (FIS-Natur), Geobasisdaten: © Bayer. Vermessungsverwaltung 2010, 04-06-2015)



Lake Chiemsee (Daten aus dem Bayer. Fachinfo.system Naturschutz (FIS-Natur), Geobasisdaten: © Bayer. Vermessungsverwaltung 2010, 04-06-2015)



View from the village of „Übersee“ and the half-island „Lachsgang“ to north-east in direction of the protected area „Achendelta“. (Sabine Pröls, LBV, 28-06-2023)



View from the village of „Übersee“ and the half-island „Lachsgang“ to north-east in direction of the protected area „Achendelta“. (Sabine Pröls, LBV, 28-06-2023)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation