

**Convention Concerning the Protection of
the World Cultural and Natural Heritage
Natural Heritage: China**

Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

Annex 1 Executive Summary

**National Forestry and Grassland Administration
People's Republic of China**

2022.1

Executive Summary

State party	People's Republic of China				
State, province or region	ID No (WHC)	ID No (SP)	Name of the area	Province/ Municipality	District/ County
	Phase I				
	1606-001	YS-1	Migratory Bird Habitat in the South of Yancheng, Jiangsu	Jiangsu Province	Dafeng District, Dongtai City and Dongsha
	1606-002	YS-2	Migratory Bird Habitat in the Nouth of Yancheng, Jiangsu	Jiangsu Province	Sheyang County, Tinghu District, and Dafeng District
	Phase II				
	1606bis-003	YS-3	Migratory Bird Habitat at Chongming Dongtan, Shanghai	Shanghai Municipality	Chongming District
		YS-4	Migratory Bird Habitat at Yellow River Estuary, Dongying, Shandong Province	Shandong Province	Hekou District, Kenli District, and Lijin County of Dongying City
	1606bis-004	YS-4-1	Old Course of Yellow River Estuary	Shandong Province	Hekou District and Lijin County, Dongying city
	1606bis-005	YS-4-2	North Part of the Yellow River Estuary	Shandong Province	Kenli District, Dongying city
	1606bis-006	YS-4-3	South Part of the Yellow River Estuary	Shandong Province	Kenli District, Dongying city
	1606bis-007	YS-4-4	Dawenliu	Shandong Province	Kenli District, Dongying city
	1606bis-008	YS-5	Migratory Bird Habitat at Nandagang Wetland, Cangzhou, Hebei Province	Hebei Province	Nandagang Industrial Park, Cangzhou Bohai New Area
	1606bis-009	YS-6	Migratory Bird Habitat at Nanpu Zuidong Wetland, Luannan, Hebei Province	Hebei Province	Luannan County, Tangshan City
	1606bis-010	YS-7	Migratory Bird Habitat at Qilihai Lagoon, Qinhuangdao, Hebei Province	Hebei Province	Beidaihe New District, Qinhuangdao City
	1606bis-011	YS-8	Migratory Bird Habitat at Dachaoqing of Beidaihe, Qinhuangdao, Hebei Province	Hebei Province	Beidaihe District, Qinhuangdao City
	1606bis-012	YS-9	Migratory Bird Habitat at Shihenandao of Laolongtou, Qinhuangdao, Hebei Province	Hebei Province	Shanhaiguan District, Qinhuangdao City
		YS-10	Migratory Bird Habitat at Liao River Estuary, Panjin, Liaoning Province	Liaoning Province	Panshan County, Dawa District, Panjin City
	1606bis-013	YS-10-1	West Part of Liao River Estuary	Liaoning Province	Panshan County, Panjin City
	1606bis-014	YS-10-2	East Part of Liao River Estuary	Liaoning Province	Dawa District, Panjin City
		YS-11	Migratory Bird Habitat at Snake Island - Laotieshan, Dalian, Liaoning Province	Liaoning Province	Lushunkou District, Dalian City
	1606bis-015	YS-11-1	Jiutou Hill	Liaoning Province	Lushunkou District, Dalian City
	1606bis-016	YS-11-2	Snake Island	Liaoning Province	Lushunkou District, Dalian City
		YS-12	Migratory Bird Habitat at	Liaoning	Donggang City,

			Yalujiang Estuary, Dandong, Liaoning Province	Province	Dandong City	
	1606bis-017	YS-12-1	Dayang River	Liaoning Province	Donggang City, Dandong City	
	1606bis-018	YS-12-2	Erdaogou	Liaoning Province	Donggang City, Dandong City	
		YS-13	Migratory Bird Habitat at Changshan Archipelago, Dalian, Liaoning Province	Liaoning Province	Changhai County, Dalian City	
	1606bis-019	YS-13-1	Fantuozi Islet of Guanglu Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-020	YS-13-2	Ertuozi Islet of Gexian Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-021	YS-13-3	Dacaotuozi of Guapi Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-022		Xiaocaotuozi of Guapi Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-023		Nandajiao of Guapi Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-024	YS-13-4	Wuhushi of Haxian Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-025	YS-13-5	Wushi of Dahaozi Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-026		Dabanshi of Dahaozi Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-027	YS-13-6	Xicaotuozi of Dachangshan Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-028	YS-13-7	Beituozi Islet of Dachangshan Island	Liaoning Province	Changhai County, Dalian City	
	1606bis-029	YS-13-8	Bashao Island Lithoherm Belt	Liaoning Province	Changhai County, Dalian City	
	Table legend (Applies to Executive Summary)					
			Already inscribed (Phase I)	Component part		
			Nomination dossier addition (Phase II)	Component part		
			Nomination dossier addition (Phase II)	Area/cluster grouping components		
			1606-001/1606bis-003	The number of the components		
Name of properties	Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)					
Geographical coordinates to the nearest second	ID No (WHC)	ID No (SP)	Range of coordinates		Central coordinates	
	1606bis-003	YS-3	N 31°27'28"-N 31°36'54" E 121°53'04"-E 122°03'57"		N 32°31'11", E 121°58'31"	
		YS-4				
	1606bis-004	YS-4-1	N 38°03'22"-N 38°11'51" E 118°37'58"-E 118°46'18"		N 38°07'50", E 118°42'48"	
	1606bis-005	YS-4-2	N 37°46'07"-N 37°51'27" E 119°10'09"-E 119°14'23"		N 37°48'58", E 119°11'55"	
	1606bis-006	YS-4-3	N 37°44'16"-N 37°48'28" E 119°13'08"-E 119°19'39"		N 37°46'14", E 119°16'48"	
	1606bis-007	YS-4-4	N 37°36'28"-N 37°44'45" E 119°01'39"-E 119°19'17"		N 37°40'41", E 119°11'18"	
	1606bis-008	YS-5	N 38°28'13"-N 38°32'02" E 117°26'48"-E 117°32'19"		N 38°30'11", E 117°29'31"	
	1606bis-009	YS-6	N 39°01'40"-N 39°05'33" E 118°07'15"-E 118°14'04"		N 39°03'33", E 118°10'43"	
	1606bis-010	YS-7	N 39°31'13"-N 39°35'37" E 119°14'26"-E 119°16'23"		N 39°33'40", E 119°15'25"	

	1606bis-011	YS-8	N 39°50'08"-N 39°50'47" E 119°30'48"-E 119°31'35"	N 39°50'28", E 119°31'12"
	1606bis-012	YS-9	N 39°57'11"-N 39°57'57" E 119°46'13"-E 119°47'06"	N 39°57'31", E 119°46'35"
		YS-10		
	1606bis-013	YS-10-1	N 40°45'10"-N 40°51'50" E 121°32'14"-E 121°43'39"	N 40°48'30", E 121°37'57"
	1606bis-014	YS-10-2	N 40°40'07"-N 40°53'45" E 121°46'13"-E 121°52'40"	N 40°46'56", E 121°49'27"
		YS-11		
	1606bis-015	YS-11-1	N 38°55'07"-N 38°57'17" E 121°07'22"-E 121°09'39"	N 38°56'12", E 121°8'30"
	1606bis-016	YS-11-2	N 38°56'30"-N 38°57'43" E 120°58'00"-E 120°59'23"	N 38°57'06", E 120°58'42"
		YS-12		
	1606bis-017	YS-13-1	N 39°42'35"-N 39°53'38" E 123°34'41"-E 123°41'38"	N 39°48'06", E 123°38'09"
	1606bis-018	YS-13-2	N 39°45'31"-N 39°49'23" E 123°50'20"-E 124°05'38"	N 39°47'26", E 123°57'59"
		YS-13		
	1606bis-019	YS-13-1	N 39°08'58"-N 39°09'06" E 122°17'58"-E 122°18'29"	N 39°09'02", E 122°18'12"
	1606bis-020	YS-13-2	N 39°15'19"-N 39°15'29" E 122°27'09"-E 122°27'24"	N 39°15'22", E 122°27'15"
	1606bis-021	YS-13-3	N 39°12'46"-N 39°13'02" E 122°26'47"-E 122°27'07"	N 39°12'54", E 122°26'57"
	1606bis-022		N 39°13'03"-N 39°13'16" E 122°26'31"-E 122°26'43"	N 39°13'10", E 122°26'37"
	1606bis-023		N 39°12'57"-N 39°13'01" E 122°26'25"-E 122°26'29"	N 39°12'59", E 122°26'27"
	1606bis-024	YS-13-4	N 39°13'09"-N 39°13'26" E 122°29'39"-E 122°29'55"	N 39°02'15", E 122°49'09"
	1606bis-025	YS-13-5	N 39°02'06"-N 39°02'11" E 122°49'05"-E 122°49'12"	N 39°2'8", E 122°49'8"
	1606bis-026		N 39°02'15"-N 39°02'16" E 122°49'08"-E 122°49'10"	N 39°2'15", E 122°49'9"
	1606bis-027	YS-13-6	N 39°17'18"-N 39°17'55" E 122°29'42"-E 122°31'20"	N 39°17'39", E 122°30'31"
	1606bis-028	YS-13-7	N 39°17'59"-N 39°18'14" E 122°33'26"-E 122°33'44"	N 39°18'08", E 122°33'34"
	1606bis-029	YS-13-8	N 39°13'05"-N 39°13'35" E 122°46'36"-E 122°48'16"	N 39°13'29", E 122°47'19"
Textual description of the boundaries of the nominated property	Principles for the delineation of nomination properties and buffer zones:			
	<p>In accordance with the requirements of the <i>Operational Guidelines for the Implementation of the World Heritage Convention (2019)</i> regarding integrity and conservation management, the following principles are followed for the delineation of the boundaries of the components:</p> <ol style="list-style-type: none"> 1. Ensuring components are sufficient in size and representativeness to maintain the integrity of biodiversity, habitat conservation and ecological value within each component. 2. Ensuring the integrity of biodiversity conservation in components with a vast area by selecting the most representative and continuous areas for inclusion in the property. 3. Component boundaries occur within protected areas so that their 			

	<p>delineation is clear, and subsequent confirmation, protection and management is straightforward.</p> <p>4. Maximizing the coverage of critical habitats for threatened birds in the area, including key foraging, roosting, and breeding areas.</p> <p>A buffer zone denotes an area adjacent to the component, and its boundary range is determined with reference to the following principles:</p> <ol style="list-style-type: none"> 1. Being a peripheral area with a meaningful ecological buffer effect on the component. 2. The buffer zone protects the component from potential sources of air or water pollution. 3. Ensuring that the buffer zone is of an adequate size so that the full range of habitats used by important biodiversity is located within the component and its buffer area. 4. Located within protected areas. <p>Description of the boundary of each component and buffer zone:</p> <p>Migratory Bird Habitat at Chongming Dongtan, Shanghai (YS-3)</p> <p>Component YS-3 is located in Chongming Dongtan Birds National Nature Reserve and includes tidal flats between 500 m east of the 1998 seawall (seawall constructed in 1998) and 300 m east of the ecological seawall (i.e., seawall constructed in the nature reserve to exclude <i>Spartina alterniflora</i> and protect bird habitat) to 0 m isobath. It is bounded by 500 m east of the southern 1998 seawall and 300 m east of the 2015 ecological seawall in the west; the water area at 0 m elevation in the east; the junction of the 1998 seawall and the 2002 seawall in the south; and the boundary of the core area in the northern part of nature reserve in the north.</p> <p>The geographical coordinates of YS-3 are as follows:</p> <p>The component is situated between latitudes N 31°27'28"-N 31°36'54"</p>
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	<p>and longitudes E 121°53'04"-E 122°03'57". Its boundary starts from 650 m east of the junction of the 2001 seawall and the 1998 seawall (N 31°27'53", E 121°55'41") northeastward to (N 31°29'32", E 121°57'09") and southeastward to (N 31°36'19", E 121°53'04") along the boundary of the core area in the reserve (N 31°28'33", E 121°56'35"); northward to (N 31°29'51", E 121°59'16") and then northwestward to the boundary of the core area in Dongwangsha Sluice (N 31°35'04", E 121°55'02") along 300 m outside the 2015 ecological seawall; westward to the boundary of the experimental zone (N 31°36'18", E 121°53'04") in the core area along the boundary of the core area (N 31°35'28", E 121°55'18"); northward to the 0 m isobath (N 31°36'54", E 121°53'26") along the boundary, then southward to (N 31°27'27", E 121°56'35") along the 0 m isobath and finally northwestward to the starting point. The component has an area of 7504.71 ha.</p> <p>The buffer zone is bounded by Xiaobei Port to the south and Beibayao Port to the north, with western and eastern boundaries sharing with the boundary of the Chongming Dongtan Birds National Nature Reserve. It is situated between the latitudes N 31°27'13"-N 31°37'28" and longitudes E 121°50'29"-E 122°04'59". The buffer zone completely encircles the component to provide buffer and extra protection. The western boundary of the buffer zone is the western boundary of the nature reserve. Specially, bounded by seawall constructed in 1998 and 2002, the buffer zone starts from the junction of the 2001 seawall and the 1998 seawall (N 31°27'56", E 121°55'17") northwestward to 300 m inside the boundary of Beibayao in the reserve, northeastward as parallel to the boundary to intersect with the northern boundary of the reserve (N 31°37'28", E 121°51'57"), southward to (N 31°27'27", E 121°56'34") along the western boundary of the reserve, and finally northwestward to the starting point. The buffer zone has an area of 11271.32 ha. It is also inside the nature reserve, less disturbed by human activities, and can provide practical protection and effective buffering to the component.</p>
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Migratory Bird Habitat at Yellow River Estuary, Dongying, Shandong Province (YS-4)

Component cluster YS-4 is located between latitudes N 37°36'12"-N 38°12'10" and longitudes E 118°37'28"-E 119°20'00", and comprises four parts: Old Course of Yellow River Estuary (YS-4-1), North Part of the Yellow River Estuary (YS-4-2), South Part of the Yellow River Estuary (YS-4-3) and Dawenliu (YS-4-4). The area of the components is 42327.26 ha, and the area of the buffer zone is 13735.02 ha. The total area of YS-4 is 56062.28 ha.

Old Course of Yellow River Estuary (YS-4-1)

Component YS-4-1 lies in the Old Course of Yellow River Estuary, within Yiqian'er Management Station of Shandong Yellow River Delta National Nature Reserve.

YS-4-1 is bounded by 1400 m west of Pile No. 106 Manshuizhi Road in the east, by the seawall at the boundary of the buffer area of Yiqian'er Management Station in the south, by the inside boundary of three rivers in the Old Course of Yellow River in the west, and by the inward buffer about 500 m from the -3 m isobath in the north. In particular, the northern boundary is based on the -3 m isobath according to the adjusted vector map by the Ministry of Ecology and Environment in 2012.

Its boundary starts from (N 38°04'04", E 118°46'11") and northward to (N 38°04'37", E 118°46'18"), then northward to (N 38°06'48", E 118°45'30") along the core area boundary of the Yiqian'er Management Station, and northward to (N 38°08'29", E 118°46'00"), and then northward to (N 38°11'01", E 118°43'52") after bending westward about 885m, and turns northwestward to (N 38°11'51", E 118°39'58"), and westward to (N 38°11'37", E 118°37'58"), then southward along inward buffer about 500 m from the boundary of the core area of Yiqian'er Management Station to (N 38°08'32", E 118°40'18"), and then extends to (N 38°06'00", E 118°40'31"), (N

38°03'23", E 118°41'41"), (N 38°03'22", E 118°42'36"), (N 38°03'59", E 118°42'33") along the boundary of the core area of Yiqian'er management Station, and then connect to the starting point, with an area of 8462.14 ha.

The buffer zone of YS-4-1 reach the boundary of the buffer area of Yiqian'er Management Station of Nature Reserve in the east, south and southwest, while the northwest boundary is bounded by the northwest boundary of the core area of Yiqian'er Management Station, and the northern boundary is -3 m isobathic line. That is, the boundary of the buffer zone of YS-4-1 starts from (N 38°04'00", E 118°46'44") and northward to (N 38°04'46", E 118°46'53") and (N 38°08'46", E 118°46'23"), and turns westward to 1175 m, northward to (N 38°11'18", E 118°43'55"), northwestward to (N 38°12'10", E 118°40'18"), and then reaches (N 38°11'50", E 118°37'28"), (N 38°08'16", E 118°40'14") along the boundary of the core area of the Yiqian'er Management Station, and roughly coincide with the boundary of the buffer area of the Yiqian'er management Station to (N 38°05'53", E 118°40'08"), (N 38°02'47", E 118°41'00"), (N 38°03'03", E 118°43'01"), northward to (N 38°03'55", E 118°43'01"), and then eastward to the starting point. The area of buffer zone of YS-4-1 is 3698.00 ha.

North Part of the Yellow River Estuary (YS-4-2)

Component YS-4-2 is located in the north part of the Yellow River Estuary, all of which belong to the Yellow River Estuary Management Station of Shandong Yellow River Delta National Nature Reserve. The YS-4-2 is bounded by inward buffer about 500 m from the boundary of the core area of Yellow River Estuary Management Station in the east, south and north, and by the boundary of core area in the west. That is, the boundary of the component starts from (N 37°51'06", E 119°10'14"), southward to (N 37°46'07", E 119°10'09") and northeastward to (N 37°49'35", E 119°14'23") along the boundary of the core area of Yellow River Estuary Management Station, and then

northwestward to (N 37°51'27", E 119°11'23") and southwest to the starting point, with an area of 4358.71 ha.

The buffer zone of YS-4-2 is bounded by the boundary of core area of the Yellow River Estuary Management Station in the east, south and north, by the boundary of buffer area of the management station in the west. That is, the boundary of buffer zone of YS-4-2 starts from (N 37°51'30", E 119°12'13") and southwestward to (N 37°50'57", E 119°09'05"), and then southward to (N 37°45'47", E 119°09'10") along the western boundary of buffer area of management station, and eastward to (N 37°45'52", E 119°10'10"), and then northeastward to (N 37°49'33", E 119°14'44") along the boundary of the core area of the management station, and northwestward to (N 37°50'29", E 119°14'15") and connects to the starting point, with an area of 2414.76 ha.

South Part of the Yellow River Estuary (YS-4-3)

Both component YS-4-3 and component YS-4-4 are located in the south part of the Yellow River Estuary, within the scope of the Dawenliu Management Station of Shandong Yellow River Delta National Nature Reserve, and the buffer zone of the two components is connected.

Component YS-4-3 is bounded by inward buffer about 500 m from the boundary of core area of Dawenliu Management Station in the east, north and northwest, by the boundary of core area of Dawenliu management Station in the southwest, and by northward buffer about 500 m from the boundary of Kendong drilling platform in the south. That is, the boundary starts from (N 37°48'23", E 119°15'11"), southwestward to (N 37°46'10", E 119°13'08"), and southeastward along the boundary of the core area of the nature reserve to (N 37°44'25", E 119°15'26"), and eastward to (N 37°44'21", E 119°19'19"), northward to (N 37°46'28", E 119°19'37"), northwestward to (N 37°48'28", E 119°17'05"), westward back to the starting point, with an area of 5214.62 ha.

The buffer zone of YS-4-3 is bounded by the boundary of the buffer area of Dawenliu Management station in the east, north and southwest, the southern boundary is adjacent to the east of Kendong drilling platform, and the rest boundary is roughly bounded by the boundary of the core area of Dawenliu management station. That is, the boundary of buffer zone starts from (N 37°46'10", E 119°12'17"), southeastward to (N 37°44'13", E 119°14'48"), and eastward to (N 37°43'50", E 119°19'28"), and then northwestward to (N 37°48'56", E 119°16'53"), (N 37°49'19", E 119°15'50") along the boundary of core area of Dawenliu management station, southwestward to (N 37°48'49", E 119°15'04"), and then returns to the starting point, with an area of 1977.12 ha.

Dawenliu (YS-4-4)

Component YS-4-4 is bounded by an inward buffer about 500 m from the boundary of core area of Dawenliu Management Station in the east and south, by the boundary of core area of Dawenliu management Station in the west and north, and by 500 m northward from the boundary of Kendong drilling platform in the north. That is, the boundary starts from (N 37°43'43", E 119°15'35"), southwestward to (N 37°41'10", E 119°12'58") and northwestward to (N 37°44'24", E 119°07'33"), (N 37°44'45", E 119°03'25"), southwestward to (N 37°43'25", E 119°01'39"), southeastward to (N 37°41'37", E 119°02'03"), (N 37°38'36", E 119°05'17"), northeastward to (N 37°39'08", E 119°06'36"), southeastward to (N 37°36'28", E 119°15'30"), northeastward to (N 37°40'30", E 119°19'17"), (N 37°43'17", E 119°18'58"), westward to the starting point, with an area of 24291.79 ha.

The buffer zone of YS-4-4 is bounded by the boundary of core area of Dawenliu Management Station in the east and south, by the boundary of buffer area of Dawenliu Management Station in the west and northwest; the northern boundary is adjacent to the Kendong drilling platform. That is, the boundary of the buffer zone starts from (N

	<p>37°43'59", E 119°14'54"), southwestward to (N 37°41'52", E 119°12'57") along the boundary of the buffer area of the Dawenliu Management station, and northwestward to (N 37°44'43", E 119°08'06"), (N 37°45'00", E 119°03'27"), southwestward to (N 37°43'45", E 118°59'49"), southeastward to (N 37°41'33", E 119°01'22"), (N 37°38'20", E 119°04'29"), (N 37°38'21", E 119°05'19"), northeastward to (N 37°38'52", E 119°06'35"), and then southeastward to (N 37°36'12", E 119°15'30"), and then northeastward to (N 37°40'29", E 119°19'38"), (N 37°43'50", E 119°19'28"), and then westward to the starting point, with an area of 5645.14 ha.</p> <p>Migratory Bird Habitat at Nandagang Wetland, Cangzhou, Hebei Province (YS-5)</p> <p>Component YS-5 is bounded by the boundary of the core area of the Hebei Nandagang Wetland and Bird Provincial Nature Reserve in the southeast, and by an inward buffer about 200 m from the boundary of the core area of the nature reserve in the northwest.</p> <p>YS-5 is located between latitudes N 38°28'13"-N 38°32'02" and longitudes E 117°26'48"-E 117°32'19". Starting from the southernmost core area (N 38°28'13", E 117°28' 34") of the nature reserve, northwestward to (N 38°28'49", E 117°27'24") along the boundary of core area of the nature reserve. Then, northwestward to (N 38°29'30", E 117°26'48") along inward buffer about 200 m from the boundary of core area, and eastward to (N 38°29'37", E 117°27'20") and northward to (N 38°30'10", E 117°27'18"), northeastward to (N 38°32'02", E 117°29'52"), southeastward to (N 38°31'23", E 117°32'19") and then southwestward to (N 38°30'00", E 117°31'19") along the boundary of the core area, finally back to the starting point, with an area of 2922.92 ha.</p> <p>The buffer zone of YS-5 is bounded by the boundary of the core area of the nature reserve in the east and north, and by the boundary of the buffer area of the nature reserve in the south and west.</p>
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The buffer zone of YS-5 is located between latitudes N 38°28'02"-N 38°32'42" and longitudes E 117°26'39"-E 117°32'40". Starting from the southernmost part of the buffer area of the nature reserve (N 38°28'02", E 117°28'21"), northwestward to (N 38°28'42", E 117°27'03") and northeastward to (N 38°28'55", E 117°27'14") along the boundary of the buffer area of the nature reserve, and then northwestward to (N 38°29'34", E 117°26'39"), eastward to (N 38°29'41", E 117°27'14") and northward to (N 38°30'13", E 117°27'09") along the boundary of the core area of the nature reserve, and then northeastward to (N 38°31'39", E 117°29'11"), (N 38°32'42", E 117°29'17"), eastward to (N 38°32'42", E 117°29'48"), southward to (N 38°32'25", E 117°29'49"), eastward to (N 38°32'23", E 117°30'50"), southward to (N 38°31'53", E 117°30'55"), then southeastward to (N 38°31'25", E 117°32'40"), southwestward to (N 38°29'51", E 117°31'28"), and then connects to the starting point, with an area of 891.22 ha.

Migratory Bird Habitat at Nanpu Zuidong Wetland, Luannan, Hebei Province (YS-6)

Component YS-6 is bounded by an inward buffer about 100 m from the seawall and an inward buffer about 500 m from the boundary of the Rational Utilization Area and Seasonal Conservation Area of Nanpu Zuidong Provincial Wetland Park in the east; an inward buffer about 300 m from the boundary of the Wetland Park Conservation Area in the south; an inward buffer about 1,000 m from the boundary of the Wetland Park Conservation Area, the Seasonal Conservation Area and the Rational Utilization Area in the west; and an outward buffer about 100 m from the seawall in the north.

Ys-6 is located between latitudes N 39°01'40"-N 39°05'33" and longitudes E 118°07'15"-E 118°14'04". Starting from outward about 100 m from the seawall (N 39°03'03", E 118°14'04"), southwestward to (N 39°01'46", E 118°12'13") along inward buffer about 500 m from the boundary of wetland park, northwestward to (N 39°02'30", E

	<p>118°11'10") along inward buffer about 300 m from the boundary of the wetland park, southwestward to (N 39°01'40", E 118°09'51"), northwestward to (N 39°04'04", E 118°07'15"), and then northeastward to (N 39°05'33", E 118°11'22") along inward buffer about 1000 m from the boundary of wetland park, and southeastward to (N 39°04'45", E 118°11'59") along outward about 100 m from the seawall, northeastward to (N 39°05'11", E 118°12'41"), southeastward to (N 39°04'44", E 118°13'08"), southwestward to (N 39°04'18", E 118°12'25"), and then southeastward to the starting point along outward about 100 m from the seawall, with an area of 3958.30 ha.</p> <p>The buffer zone of YS-6 is bounded by an inward buffer about 300 m from the seawall, the boundary of the wetland park in the east; the boundary of the wetland park in the south; an inward buffer about 500 m from the boundary of the wetland park in the west; an inward buffer about 100-190 m from the boundary of the wetland park in the north.</p> <p>The buffer zone of YS-6 is located between latitudes N 39°01'27"-N 39°06'14" and longitudes E 118°06'51"-E 118°14'13". That is, starting from the seawall (N 39°03'01", E 118°14' 13"), southwestward to (N 39°01'35", E 118°12'10") along inward buffer about 300 m from the boundary of wetland park, northwestward to (N 39°02'17", E 118°11'09") along the boundary of the wetland park, southwestward to (N 39°01'27", E 118°09'50"), northwestward to (N 39°04'14", E 118°06'51"), northeastward to (N 39°06'14", E 118°12'20") along inward buffer about 500 m from the boundary of the wetland park, and then southeastward to (N 39°05'34", E 118°12'46"), (N 39°05'34", E 118°12'43"), (N 39°05'19", E 118°12'52") and (N 39°04'47", E 118°13'26") along inward buffer about 100-190 m from the boundary of wetland park, southwestward to (N 39°04'39", E 118°13'15"), southeastward to (N 39°04'31", E 118°13'22"), southwestward to (N 39°04'05", E 118°12'46"), and finally southeastward to the starting point along the seawall. The buffer zone has an area of 1223.51 ha.</p> <p>Within the buffer zone, there is a piece of land whose right of use</p>
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	<p>belongs to the enterprise, which does not have the property of protected land and is not included in the buffer zone. However, it has negotiated with the enterprise and obtained its consent. It will be managed according to the requirements of priority of ecological protection, and no construction and development activities will be carried out in the future. Its scope is: from (N 39°05'17", E 118°11'39") to (N 39°05'20", E 118°11'45"), southeastward to (N 39°05'15", E 118°11'47"), northeastward to (N 39°05'19", E 118°11'55"), southeastward to (N 39°05'05", E 118°12'07"), southwestward to (N 39°04'57", E 118°11'54"), northwestward back to the starting point.</p> <p>Migratory Bird Habitat at Qilihai Lagoon, Qinhuangdao, Hebei Province (YS-7)</p> <p>Component YS-7 is bounded by the Beidaihe New District Subcompartment determined during the 2020 Forest Land Resources Survey in the east and west, by the boundary of core area of the Changli Golden Coast National Nature Reserve in the south; and by inward buffer about 100 m from the boundary of the core area of the nature reserve in the north.</p> <p>Component YS-7 is located between latitudes N 39°31'13"-N 39°35'37" and longitudes E 119°14'26"-E 119°16'23". The boundary starts from the south of the core area of the nature reserve (N 39°31'13", E 119°15'29"), northeastward to (N 39°33'28", E 119°16'23") along the boundary of the core area, and northwestward to (N 39°34'10", E 119°15'20") along the boundary of subcompartment, northeastward to (N 39°35'18", E 119°16'19") along inward buffer about 100 m from the boundary of core area, and northwestward to (N 39°35'37", E 119°16'07"), and northwestward to (N 39°35'37", E 119°16'07"), and southwestward to (N 39°35'03", E 119°14'26"), southeastward to (N 39°34'50", E 119°14'30"), (N 39°34'18", E 119°14'57"), and then southwestward to (N 39°33'24", E 119°14'43"), finally southeastward to the starting point, with an area of 1050.26 ha.</p>
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	<p>The buffer zone of YS-7 is bounded by the Beidaihe New District Subcompartment determined during the 2020 Forest Land Resources Survey in the east and west, and by the boundary of the core area of the nature reserve in the north, without any buffer zone in the south which is seaside.</p> <p>The buffer zone of YS-7 is located between latitudes N 39°31'09"-N 39°35'42" and longitudes E 119°14'18"-E 119°16'39". The boundary starts from the south of the core area of the nature reserve (N 39°31'09", E 119°15'27"), northeastward to (N 39°33'42", E 119°16'32") along the boundary of the core area, northwestward to (N 39°34'16", E 119°15'29") along the boundary of the subcompartment, northeastward to (N 39°35'04", E 119°16'16"), (N 39°35'19", E 119°16'23"), northwestward to (N 39°35'42", E 119°16'10"), southwestward to (N 39°35'05", E 119°14'18") along the boundary of the core area, and then southeastward to (N 39°34'47", E 119°14'23") and (N 39°34'19", E 119°14'51"), southwestward to (N 39°33'08", E 119°14'26"), (N 39°32'55", E 119°14'28"), and southeastward to the starting point along the boundary of subcompartment, with an area of 471.12 ha.</p> <p>Migratory Bird Habitat at Dachaoping of Beidaihe, Qinhuangdao, Hebei Province (YS-8)</p> <p>Component YS-8 is bounded by an inward buffer about 25 m from the boundary of Beidaihe National Wetland Park in the east, by an outward buffer about 25-90 m from the boundary of coastal mudflat in the south which is next to Geziwo Park, by an outward buffer about 25 m from the tourist walkway of the national wetland park in the west; and by an inward buffer 25 m from the northern boundary of the national wetland park.</p> <p>Component YS-8 is located between latitudes N 39°50'08"-N 39°50'47" and longitudes E 119°30'48"-E 119°31'35". The boundary starts from (N 39°50'46", E 119°31'32") that is located about 25 m</p>
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	<p>southwest of the northeast point of the boundary of the National Wetland Park., and then westward to (N 39°50'47", E 119°31' 09") along inward buffer about 25 m from the boundary of the wetland park, and southwestward to (N 39°50'46", E 119°31'06"), (N 39°50'46", E 119°31'01") and (N 39°50'42", E 119°30'58"), southwestward to (N 39°50'19", E 119°30'48") along the tourist walkway of wetland park, southeastward to (N 39°50'14", E 119°30'50"), (N 39°50'13", E 119°30'51") and (N 39°50'08", E 119°30'55"), and northeastward to (N 39°50'15", E 119°31'00"), then southeastward to (N 39°50'08", E 119°31'29"), and northeastward to (N 39°50'14", E 119°31'35"), (N 39°50'23", E 119°31'30") along inward buffer 25 m from the boundary of the wetland park, and finally northeastward to the starting point, with an area of 97.53 ha.</p> <p>The buffer zone of YS-8 is bounded by the boundary of the national wetland park in the east; by an outward buffer about 0-65 m from the boundary of coastal mudflat in the south, by the tourist walkway of the national wetland park in the west; and by the national wetland park in the north.</p> <p>The buffer zone of YS-8 is between latitudes N 39°50'07"-N 39°50'48" and longitudes E 119°30'47"-E 119°31'36". Its boundary starts from the northeast point of the boundary of the National Wetland Park (N 39°50'47", E 119°31' 33"), and then westward to (N 39°50'48", E 119°31'09") along the boundary of the park, and then southwestward to (N 39°50'47", E 119°31'06"), (N 39°50'47", E 119°31'01") and (N 39°50'43", E 119°30'57"), southwestward to (N 39°50'19", E 119°30'47") along the tourist walkway, southeastward to (N 39°50'14", E 119°30'49"), (N 39°50'12", E 119°30'50") and (N 39°50'07", E 119°30'55"), northeastward to (N 39°50'15", E 119°31'01"), and southeastward to (N 39°50'07", E 119°31'29"), and northeastward to (N 39°50'14", E 119°31'36") and (N 39°50'23", E 119°31'31") along the boundary of the wetland park, finally northeastward to the starting point, with an area of 11.11 ha.</p>
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Migratory Bird Habitat at Shihenandao of Laolongtou, Qinhuangdao, Hebei Province (YS-9)

Component YS-9 includes the land within dikes around Shihenandao, the wetland in pit-ponds, as well as the stable gravel beach and land outside the dikes around Shihenandao that can be exposed in case of high-water level.

Component YS-9 is located between latitudes N 39°57'11"-N 39°57'57" and longitudes E 119°46'13"-E 119°47'06". The boundary starts from (N 39°57'57", E 119°46'23"), where is the northernmost of the stable gravel beach that can be exposed at high tide outside the embankment of Shihenandao, and southeastward to (N 39°57'44", E 119°46'51"), (N 39°57'31", E 119°47'00"), (N 39°57'29", E 119°47'05"), (N 39°57'28", E 119°47'05") and (N 39°57'25", E 119°47'06"), and then westward along the beach boundary to (N 39°57'11", E 119°46'40") and (N 39°57'13", E 119°46'13"), and northward to (N 39°57'53", E 119°46'14"), and finally northeastward to the starting point, with an area of 128.25 ha.

The buffer zone of YS-9, situated outside the component, includes river waters and intertidal sandbars 100-200 m from the boundary of the component.

The buffer zone of YS-9 is located between latitudes N 39°57'08"-N 39°57'59" and longitudes E 119°46'07"-E 119°47'10". The boundary starts from the intersection of the estuary on the west bank of Shihe River and 0 m isobathic line (N 39°57'09", E 119°46'07"), northward along the west bank of Shihe River to (N 39°57'46", E 119°46'09"), and eastward to (N 39°57'46", E 119°46'12"), and then northward to (N 39°57'54", E 119°46'12"), northeastward to (N 39°57'59", E 119°46'24"), and southeastward to (N 39°57'46", E 119°46'54") and (N 39°57'26", E 119°47'10"), westward along the 0 m isobathic line to (N 39°57'08", E 119°46'33") and finally westward to the starting point, with an area of 39.96 ha.

Migratory Bird Habitat at Liao River Estuary, Panjin, Liaoning Province (YS-10)

Component cluster YS-10 has two components, West Part of Liao River Estuary (YS-10-1) and East Part of Liao River Estuary (YS-10-2).

West Part of Liao River Estuary (YS-10-1)

Component YS-10-1 starts at the northern boundary of the breeding area of Saunders's Gull (*Saundersilarus saundersi*) in the north and extends to the east of the rehabilitation wetland along the northern boundary of the core area of the Liaohe Estuary National Nature Reserve, Liaoning after integrated optimization; to the sea area in the south; to the western boundary of the nature reserve in the west; finally, to the breeding area of Saunders's Gull by detouring the determined marine and oil well area of the tidal flat in the north. The component has an area of 14142.24 ha.

The boundary of the buffer zone includes the deep water area, the area on the north side of the Saunders's Gull breeding ground is 500 m buffer from the boundary of the YS-10-1, and the boundary of the Nanxiaohe bank and the middle area coincides with the boundary of the YS-10-1. In the northeast region, a buffer zone is set along the boundary of the wetland rehabilitation area according to the topography of the bird's high tide roosting habitat. The Saunders's Gull breeding ground on the west side of the YS-10-1 is adjacent to Nanxiaohe, which is the junction of Panjin and Jinzhou city. Nanxiaohe River serves as a natural buffer, so no buffer zone has been set up. The YS-10-1 is within the core reserve of the proposed Liao River National Park. No buffer zone is set in the central and upper western parts facing the sea and the river. The buffer zone has an area of 5084.32 ha.

East Part of Liao River Estuary (YS-10-2)

Component YS-10-2 starts from 500 m east of the artificial wharf in

the north to 500 m of the embankment on the east part of Liao River in the east; to the eastern boundary of the buffer area of Liao River National Park along the Red Beach Corridor in the southeast; to the southeastern boundary of Geligang in the south; to the south of the starting point in the northwest along the boundary of Geligang; and finally, to the starting point along the beach boundary in the north. The component has an area of 14057.19 ha.

The buffer zone of YS-10-2 is located on the periphery of the component, and most of the boundary is within 500 m from the boundary of the component. Due to the tidal creek and topography, the boundary between the Red Beach area and the southwestern side of Geligang is about 1,500 m away from the boundary of the component. The buffer zone has an area of 3834.36 ha.

Migratory Bird Habitat at Snake Island - Laotieshan, Dalian, Liaoning Province (YS-11)

Jiutou Hill (YS-11-1)

Component YS-11-1 starts at the coast to the north of Aizikou Village and extends to the coast to the west of Yuanjiagou Village, to Tieshanjia Reservoir (Dike) along the valley, to hill foot to the west of Yaolinggou Village, southwestward to Guanjiabeigou Reservoir near the valley, and finally to the coast of Aizikou Village along the hill foot.

The buffer zone includes the sea area 500 m outward the coast of Aizikou Village, the mountains between the west of Yuanjiagou Village and Guanjiabeigou, and the reserve area outside the mountains between Guanjiadonggou to the coast of Aizikou Village via Guanjia Village and Shantou Village.

Component YS-11-1 starts from the west end of the coast on the north side of Aizikou Village (N 38°56'48", E 121°07'42"), to the east end of the coast on the west side of Yuanjiagou Village (N 38°57'20", E 121°09'4"), along the valley to Tieshanjia Reservoir (N 38°56'40", E

	<p>121°09'37"), to the west foot of Yaolinggou Village (N 38°55'32", E 121°09'41"), along the southwest valley to Guanjiabeigou Reservoir (N 38°55'30", E 121°08'44"), along the foot of the mountain to Guanjia Village (N 38°55'20", E 121°08'31") to the starting point of the west end of the coast of Aizikou Village. The component has an area of 768.20 ha.</p> <p>The buffer zone extends from the west end of the coast on the north side of Aizikou Village (N 38°56'40", E 121°07'37") to the sea area of 500 m (N 38°57'01", E 121°07'19"), heading eastwards along the west coast of Yuanjiagou Village (N 38°57'19", E 121°09'12"), turning to Tieshanjia Reservoir (N 38°56'45", E 121°09'45"), going south through the west end of Yuanjiagou Village (N 38°56'15", E 121°10'2") and (N 38°56'23", E 121°10'14") to the foot of the junction of Yuanjiagou Village and Yaolinggou Village (N 38°55'52", E 121°10'47"), along part of the foot of Guanjiabeigou Mountain to the west end of Yaolinggou Village (N 38°55'33", E 121°10'18"), to Guanjia Donggou (N 38°55'09", E 121°08'54") via Guanjia Village (N 38°55'19", E 121°08'25"), Shantou Village to Aizikou Village, the outer protected area of the coast mountain (N 38°56'30", E 121°07'43"). The buffer zone has an area of 500.91 ha.</p> <p style="text-align: center;">Snake Island (YS-11-2)</p> <p>Component YS-11-2 is Snake Island (5.3 nautical miles east from land) and the sea area 500 m away, locate in N 38°56'30"-N 38°57'43", E 120°58'00"-E 120°59'23". The buffer zone is the sea area 400 m from the component, with an area of 316.29 ha.</p> <p style="text-align: center;">Migratory Bird Habitat at Yalujiang Estuary, Dandong, Liaoning Province (YS-12)</p> <p>The two core areas of the Yalu River Estuary Wetland National Nature Reserve in Dandong, Liaoning Province are selected as the components, of which the west boundary is the Dayang River (YS-12-1), from 200 m south of He-Da Highway to 2 m isobath of the shallow</p>
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sea, the east boundary is based on the boundary of Gushan Reed Field, and the west boundary is based on the boundary line between Gushan Reed Field and Haiyanghong Farm. On the east side is Erdaogou (YS-12-2), which is located in the tidal flat and shallow sea area 500 m south of the embankment between Changshan Town and Beijingzi Town in Donggang. The north boundary is parallel to the embankment and extends 500 m to the south, the southern boundary is the southern boundary of the core area of the nature reserve, and some sea areas to the east of the core area of the nature reserve, the northwest corner boundary is parallel to the straight line between the Longtai estuary and Zhang Island and the distance to the southeast is 550 m.

Dayang River (YS-12-1)

YS-12-1 is located between latitudes N 39°42'35"-N 39°53'38" and longitudes E 123°34'41"-E 123°41'38" with an area of 8,578.14 ha. It starts at the boundary of the core area of the Yalujiang Estuary Wetland National Nature Reserve (N 39°43'20", E 123°36'58",) in the southwestern corner and extends northward to the boundary of Haiyanghong Farm (N 39°47'37", E 123°36'43") along the boundary of the core area, where the boundary is 15 m from Xiaodao Village Seawall; eastward to the inflection with the core area (N 39°49'47", E 123°35'28") along the boundary of Haiyanghong Farm, where the boundary moves 15 m towards the river center from the fourth aquaculture pond in the west seawall of Shuangcha River Estuary, until Shuangcha River extending to the aquaculture pond, then the boundary share with core area again; northward to extend along the boundary of the core area; finally to the starting point for a closed loop.

The buffer zone of YS-12-1 is bounded by a southward buffer 500m from the core area in the south and the buffer area of the nature reserve in the north, with western and eastern boundaries sharing with the boundary of buffer area of the nature reserve. It is located between the latitudes N 39°42'19"-N 39°55'02" and longitudes E 123°34'19"-E 123°42'00".

The buffer zone of YS-12-1 completely encircles this region to provide a buffer and additional protection. With the western boundary of the buffer area of the reserve as its western boundary, the buffer zone extends southward to 500 m from this region (N 39°43'15", E 123°36'18") and eastward to the junction of the buffer area of the reserve (N 39°43'00", E 123°41'17") with a spacing of a southward buffer 500 m from the southern boundary of this region; northward to the junction of the buffer area of the reserve (N 39°49'32", E 123°39'32") with a spacing of an eastward buffer 500 m from the eastern boundary of this region; and northward along the boundary of the buffer area of the reserve until to the junction to form a closed loop. Buffer zone of YS-12-1 with an area of 4886.27 ha. It is also inside the nature reserve, less disturbed by human activities, and can provide practical protection and buffer to this region.

Erdaogou (YS-12-2)

YS-12-2 is situated between latitudes N 39°45'31"-N 39°49'23" and longitudes E 123°50'20"-E 124°05'38", with an area of 8,666.76 ha. It starts at the inflection of the core area of the reserve (N 39°46'35", E 123°50'21") in the southwestern corner and extends eastward to the boundary point of the core area along the southern boundary of the core area; northward by eastward to the inflection (N 39°48'07", E 124°04'05"); eastward by northward to the inflection (N 39°48'56", E 124°05'38"); then extends to the junction 500 m from the seawall (N 39°49'22", E 124°05'20"); westward to the inflection of the boundary of the core area along the seawall (N 39°48'06", E 124°01'48"); westward to the inflection (N 39°47'42", E 124°00'11") along the boundary of the core area; southwestward to the junction of the buffer along the seawall (N 39°49'10", E 123°51'43"); southwestward to the junction of the core area of the reserve (N 39°47'56", E 123°50'20"); and finally perpendicular by southward to the starting point to form a closed loop.

The buffer zone of YS-12-2 is bounded by an outward buffer 500 m

from this region in the south (partial), north and west, with its southeastern boundary sharing with the boundary of the buffer area of the reserve. It is located between longitudes E 123°48'12"-E 124°06'00" and latitudes N 39°44'32"-N 39°49'44". The buffer zone completely encircles this region to provide a buffer and additional protection. It starts at the inflection 500 m outward the inflection of this region (E 123°49'59", N 39°46'34") in the southwestern corner and extends eastward as parallel to the southern boundary of this region to the inflection with the boundary of the core area of the reserve (E 123°54'43", N 39°46'18"); northeastward to the junction along the boundary of the buffer zone (E 124°05'20", N 39°47'41"); to the junction with the boundary of the reserve (E 124°06'00", N 39°49'02", and N 39°49'44", E 124°05'28"); westward to the inflection of the east bank of Longtai River along the seawall (also a northward buffer 500 m from the northern boundary of YS-12-2) (N 39°49'28", E 123°51'36"); to the inflection perpendicularly along the boundary of the core area with a buffer distance of 500 m (E 123°49'59", N 39°48'03"); and finally southward to the starting point to form a closed loop. Buffer zone of YS-12-2 has an area of 3895.5 ha. It is also inside the nature reserve, less disturbed by human activities, and can provide practical protection and buffer to the component.

Migratory Bird Habitat at Changshan Archipelago, Dalian, Liaoning Province (YS-13)

Fantuozi Islet of Guanglu Island (YS-13-1) is situated between latitudes N 39°08'58"-N 39°09'06" and longitudes E 122°17'58"-E 122°18'29". It is bounded by the boundary of Fantuozi Islet attached to Guanglu Island, and the intersected areas in the Dalian Changshan Archipelago National Marine Park, with an area of 12.13 ha. The buffer zone covers the sea surface and its connecting lines in the periphery of Fantuozi Islet and two protected areas in northern marine park, with an area of 369.00 ha, to ensure that the buffer zone is continuous and encircles the component. It is a feeding area for

	<p>Chinese Egret (<i>Egretta garzetta</i>) and other seabirds.</p> <p>Ertuozi Islet of Gexian Island (YS-13-2) is located between latitudes N 39°15'19"-N 39°15'29" and longitudes E 122°27'09"-E 122°27'24". It is bounded by the boundary of Ertuozi Islet, with an area of 6.06 ha, and the sea surface in the marine park as the buffer zone, with an area of 17.04 ha.</p> <p>Guapi Island (YS-13-3) is composed of three parts, which are all bounded by the boundaries of each reef in the marine park, with an area of 26.01 ha.</p> <p style="padding-left: 40px;">Dacaotuozi of Guapi Island is situated between latitudes N 39°12'46"-N 39°13'02" and longitudes E 122°26'47"-E 122°27'07". It is bounded by the boundary of the Dacaozu reef.</p> <p style="padding-left: 40px;">Xiaocaozu of Guapi Island is situated between latitudes N 39°13'03"-N 39°13'16" and longitudes E 122°26'31"-E 122°26'43". It is bounded by the boundary of the Xiaocaozu reef.</p> <p style="padding-left: 40px;">Nandajiao of Guapi Island is situated between latitudes N 39°12'57"-N 39°13'01" and longitudes E 122°26'25"-E 122°26'29". It is bounded by the boundary of the Nandajiao reef.</p> <p>The three components share a buffer zone that covers the sea surface within the Marine Park, with an area of 159.37 ha.</p> <p>Wuhushi of Haxian Island (YS-13-4) is situated between latitudes N 39°13'09"-N 39°13'26" and longitudes E 122°29'39"-E 122°29'55". It is bounded by the boundary of the island, with an area of 8.01 ha; and the sea surface within the red line of the marine park as the buffer zone, with an area of 3.99 ha.</p> <p>Dahaozi Island (YS-13-5) is composed of two components, which are all bounded by the boundaries of each reef in the nature reserve, with an area of 1.60 ha.</p> <p style="padding-left: 40px;">Wushi of Dahaozi Island is situated between latitudes N</p>
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	<p>39°02'06"-N 39°02'11" and longitudes E 122°49'05"-E 122°49'12". It is bounded by the boundary of the Wushi reef.</p> <p>Dabanshi of Dahaozi Island is situated between latitudes N 39°02'15"-N 39°02'16" and longitudes E 122°49'08"-E 122°49'10". It is bounded by the boundary of the Dabanshi reef.</p> <p>The two components share a buffer zone that covers the sea surface within the nature reserve, with an area of 137.25 ha.</p> <p>Xicaotuozi of Dachangshan Island (YS-13-6) is situated between latitudes N 39°17'18"-N 39°17'55" and longitudes E 122°31'19"-E 122°29'42". It is bounded by the boundary of the reserve and the road of Xiaoxi Line (X292) in Chengling Village in the south and the boundary of the reserve in the north, with an area of 129.49 ha. The buffer zone is bounded by the protected area Red Line in the north; the western and southern sides of the road of Shanqing Line (Y23C) and Penglai Line (X25G) in Chengling Village in the east; the western side of the road of Yanshanxi Line (C283) to the southern reserve red line in the southeast; the boundary of the coastal tidal flat and the reserve red line in the south and west. The buffer zone primarily features intertidal zones as well as a few protected zones and surrounding forests, with an area of 77.54 ha.</p> <p>Beituozi Islet of Dachangshan Island (YS-13-7) is situated between latitudes N 39°17'59"-N 39°18'14" and longitudes E 122°33'26"-E 122°33'44". It is bounded by the boundary of the island, with an area of 11.37 ha; and the sea surface within the ecological red line of the marine park as the buffer zone, with an area of 10.18 ha.</p> <p>Bashao Island Lithoherm Belt (YS-13-8) is located between latitudes N 39°13'05"-N 39°13'35" and longitudes E 122°46'36"-E 122°48'16". It is bounded by the boundary of the marine park, with an area of 21.32 ha. The buffer zone is bounded by the cliffs and land 50 m outward from the component in the north, and the sea surface 400 m outward from the component and southern reefs in the south, with an area of</p>
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	137.16 ha.
A4 size map of the nominated properties, showing boundaries and buffer zones	<p>Figure 1 Location of World Heritage Property (Phase I) and Nominated Components (Phase II) of the Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China</p> <p>Figure 2 Detailed Map of Migratory Bird Habitat at Chongming Dongtan, Shanghai (YS-3) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 3 Map Showing Relationship of Migratory Bird Habitat at Chongming Dongtan, Shanghai (YS-3) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 4 Map Showing Relationship of the Four Components of Migratory Bird Habitat at Yellow River Estuary, Dongying, Shandong Province (YS-4) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 5 Detailed Map of Old Course of Yellow River Estuary (YS-4-1) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 6 Detailed Map of North Part of the Yellow River Estuary (YS-4-2), South Part of the Yellow River Estuary (YS-4-3) and Dawenliu (YS-4-4) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 7 Map Showing Relationship of Old Course of Yellow River Estuary (YS-4-1) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 8 Map Showing Relationship of North Part of the Yellow River Estuary (YS-4-2), South Part of the Yellow River Estuary (YS-4-3) and Dawenliu (YS-4-4) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 9 Detailed Map of Migratory Bird Habitat at Nandagang Wetland, Cangzhou, Hebei Province (YS-5) of Migratory Bird</p>

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	<p>China (Phase II)</p> <p>Figure 37 Detailed Map of Wuhushi of Haxian Island (YS-13-4) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 38 Detailed Map of Wushi and Dabanshi of Dahaozi Island (YS-13-5) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 39 Detailed Map of Xicaotuozi of Dachangshan Island (YS-13-6) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 40 Detailed Map of Beituozi Islet of Dachangshan Island (YS-13-7) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 41 Detailed Map of Bashao Island Lithoherm Belt (YS-13-8) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)</p> <p>Figure 42 Map Showing Relationship of Fantuozi Islet of Guanglu Island (YS-13-1) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 43 Map Showing Relationship of Ertuozi Islet of Gexian Island (YS-13-2) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 44 Map Showing Relationship of Dacao tuozi of Dacao tuozi, Xiaocao tuozi and Nandajiao of Guapi Island (YS-13-3) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 45 Map Showing Relationship of Wuhushi of Haxian Island (YS-13-4) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 46 Map Showing Relationship of Wushi and Dabanshi of</p>
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	<p>Dahaozi Island (YS-13-5) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 47 Map Showing Relationship of Xicaotuozi of Dachangshan Island (YS-13-6) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 48 Map Showing Relationship of Beituozi Islet of Dachangshan Island (YS-13-7) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p> <p>Figure 49 Map Showing Relationship of Bashao Island Lithoherm Belt (YS-13-8) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas</p>
Criterion under which property is nominated	Criterion x
Draft Statement of Outstanding Universal Value	<p>a) Brief synthesis</p> <p>The Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China includes multiple components of the world's largest intertidal mudflat system that the State Party (China) has nominated to the UNESCO World Heritage Committee for listing as a World Natural Heritage Site in two Phases. Phase I of this serial World Heritage Site is located in Yancheng, Jiangsu Province, and was successfully inscribed on the World Heritage List in 2019. Phase II of the World Heritage Nomination includes 27 components in the four provinces/municipalities of Liaoning, Hebei, Shandong and Shanghai. Phase II is located between N 31°27'28"-N 40°53'45", E 117°26'48"-E 124°05'38". The total area of nominated property is 104,741.70 ha, and the total area of buffer zone is 47,072.28 ha.</p> <p>The Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China property is located in the Yellow Sea Ecoregion. It</p>

	<p>forms part of the world's largest intertidal mudflat system with some of the most abundant biodiversity in the world, and also includes wetland ecosystems such as major estuaries, silt beaches, saltwater/freshwater swamps, bedrock coasts, and islands in the Yellow Sea-Bohai Gulf. The nominated property is an irreplaceable and indispensable hub for birds migrating along the East Asian-Australasian Flyway, which spans some 22 countries across two hemispheres from the Arctic to East and South-East Asia and Australasia. Most areas within the Phase II nominated property are already included in the Ramsar Site Network, Man and the Biosphere (MAB) Programme, East Asian-Australasian Flyway Partnership (EAAFP) Flyway Site Network, and/or listed as Important Bird and Biodiversity Areas (IBA) and Key Biodiversity Areas (KBA), further reinforcing the global importance of these areas. Phase II significantly enhances the Outstanding Universal Value (OUV) of the serial property, strengthens its conservation and management, and provides a new model for the systematic conservation of important habitats in migratory bird flyways.</p> <p>The Yellow Sea Ecoregion spans three countries: China, Democratic People's Republic of Korea and the Democratic People's Republic of Korea, which together support crucial habitats for birds migrating along the EAAF. Following the successful inscription of two components in Yancheng, Jiangsu on the World Heritage List as Phase I of the property, China hereby fulfills its commitment to submit a Phase II nomination that includes all of the additional components of the proposed serial property, in order to reflect the full range of natural properties and diversity of the ecoregion and to meet integrity requirements. The inscription of Getbol, Korea Tidal Flats on the World Heritage List further strengthens the protection of the OUV of this area.</p> <p>b) Justification for criteria</p> <p>(x) Contain the most important and significant natural habitats for in-situ conservation of biological diversity, including those</p>
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containing threatened species of Outstanding Universal Value from the point of view of science or conservation.

The Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China is the world's first serial World Natural Heritage Site focusing on the protection of migratory birds' habitat in the world's largest flyway, the East Asian-Australasian Flyway.

The Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China serial property includes a vast area of coastal wetlands in the Yellow Sea Ecoregion in China. The two components of Phase I and 27 components of Phase II cover the critical habitats for migratory birds, including mudflats, estuarine deltas, shoals, salt marsh, gravel beaches, salt/freshwater swamps, bedrock coasts, islands, and artificial landscapes such as salt fields, fishponds and paddy fields.

The wetlands within the Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China serve a unique ecological function as indispensable stopover and staging sites that provide necessary food resources, ensuring fat replenishment and storage for subsequent flights during northward/southward migration. Without these important hubs, the successful migration, breeding and population maintenance of birds in the flyway could not be maintained. In addition to providing stopover habitat for migration birds, the nominated components of Phase II also include wintering areas and breeding areas for at least 45 threatened bird species including shorebirds, waterfowl and raptors. They constitute the most diverse and magnificent coastal landscapes and ecosystems in the temperate region of the world, and are indispensable to global biodiversity conservation. It is estimated that at least two million migratory shorebirds use the components of nominated property during their northward migration, accounting for 40% of the total migratory shorebirds in the EAAF. At least one million shorebirds also pass through the region during their southward migration. Without protection of this ecosystem, waterbird populations in the world's largest flyway would collapse.

As the central node of the EAAF, the serial nominated property is 7,000 km away from the breeding and wintering areas of migratory shorebirds, and is an irreplaceable and indispensable hub for migratory birds in the flyway. According to an IUCN assessment report on "Yellow Sea Intertidal Habitat", there are 16 key areas supporting intertidal waterbird biodiversity in the EAAF, of which seven are located in the Yellow Sea-Bohai Gulf, including five in China. The 27 components included in the Phase II nomination cover these five key areas in China.

Abundant nutrients and sediment from large rivers such as the Yangtze River and the Yellow River, together with light and shallow water, enable the Yellow Sea Ecoregion to nurture rich marine life. 1,135 species of angiosperms from 560 genera and 145 families, and 978 species of vertebrates have been recorded in the Phase II nominated property. The vertebrates include 562 species of birds in 86 families, 26 orders; 56 species of mammals in 19 families, eight orders; seven species of amphibians in four families, one order; 24 species of reptiles in eight families, four orders; and, 329 species of fish in 95 families, 27 orders. This rich biodiversity provides migratory birds with a wide variety of food resources. Migratory birds feed on the abundant aquatic animals and plants to refuel their energy, which supports the rest of their long migration journeys.

The property supports many threatened species of Outstanding Universal Value. 70 species listed as threatened on the IUCN Red List have been recorded in the nominated property, including five CR species, 12 EN species and 28 VU species of birds (45 in total); three CR species, five EN species and seven VU species of fishes (15 in total); one EN species and four VU species of mammals (five in total); and, one EN species and four VU species of reptiles (five in total). Among these species, at least 29 species of birds are endemic to the region, and only migrate within the EAAF.

The nominated property contains 20 species (13 species of birds, six

species of mammals and one species of reptiles) listed on CITES Appendix I, and 75 species (63 species of birds, two species of plants, four species of mammals and six species of fishes) listed on CITES Appendix II, totaling 95 species. Among the species included in China's List of State Key Protected Wild Animals in the nominated property, 49 species are first-class protected animals (37 species of birds, six species of mammals, five species of fishes and one species of reptiles), one first-class protected plant, 120 second-class protected animals (102 species of birds, eight species of mammals, seven species of fishes and three species of reptiles), and six second-class protected plants, totaling 176 species.

c) Statement of integrity

The two components that form Phase I of the serial World Heritage Property and the 27 components within the Phase II are an indivisible whole. Together, they cover the key intertidal zone areas in China that are used by migration birds in the Yellow Sea Ecoregion. The components of Phase II are a vital supplement to the integrity of Phase I and will significantly enhance the OUV of the serial property as a whole, providing a new model for the systematic protection of important habitats for migratory birds in flyways.

The Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China includes one of the largest stretches of coastal migratory bird habitat anywhere in the world. This huge area of mudflats, beaches and other types of habitats for birds provide critical stopover, staging, wintering and breeding sites for the millions of migratory waterbirds of hundreds of species that migrate along the EAAF. The components of Phase II are representative locations with OUV that feature the most diverse habitat types and the most remarkable biodiversity. The components selected are subject to little interference from human activities because they occur within formally protected areas. The boundary delineation of the 27 components ensures the integrity of biodiversity values and ecological values, and fully reflects

	<p>and protects various elements of natural dynamic intertidal wetlands. They maximize the coverage of stopover, refueling, moulting, wintering, and breeding sites needed to protect bird species. The most representative and continuous areas of habitat have been selected to ensure the integrity of natural landscape types, natural phenomena and biodiversity conservation in the nominated property. All the components are in protected areas, and their boundaries coincide with or are within the boundaries of existing protected areas as much as possible. All of the components are strictly protected by national laws, regulations or regulatory documents; the newly instated Ecological Red Lines are also conducive to their conservation and effective management. These management and conservation policies provide the necessary mechanisms for maintaining intact ecosystems and biological processes within the nominated property. Furthermore, buffer zones in areas adjacent to the components will help to exclude potential sources of air or water pollution. The buffer zones area also subject to strict protection under national laws, regulations and regulatory documents, which fully guarantee effective conservation and management at present and in the future. With sufficient area, high-quality tidal flats, undisturbed natural ecosystems, high-quality stopover sites and wide spaces are provided for migratory birds.</p> <p>Conservation of other species with OUV and their habitats are also considered within the nominated property. For example, YS-3 includes the foraging and fattening grounds for fingerlings of Chinese Sturgeon (<i>Acipenser sinensis</i>, CR). YS-10 includes the migratory channel and breeding area for Spotted Seal (<i>Phoca largha</i>). YS-11 includes Snake Island, which is not only a favorable breeding area and habitat for Chinese Egret (<i>Egretta garzetta</i>), but also the only habitat for over 20,000 Chinese Pit vipers (<i>Gloydius shedaoensis</i>). YS-13 covers the habitat and migratory channel of threatened marine mammals, such as Indo-Pacific Humpback Dolphin (<i>Sousa chinensis</i>), and Northern Minke Whale (<i>Balaenoptera acutorostrata</i>).</p>
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d) Requirements for protection and management

The 27 components of Phase II are state-owned, with the status of protected areas. Management plans have been made for all components. A multi-level management system has been established from the state level to the local level, forming a mechanism of collaborative protection among government management agencies as well as communities, social organizations and research institutions, with staffing and funding guaranteed. Under the strict protection of relevant national and local laws and regulations, the natural state of coastal wetlands will be effectively conserved in the nominated property through cooperation among government agencies, communities and social organizations, ensuring the survival and reproduction of species and providing stopover sites for migratory waterbirds.

Both national and provincial governments pay close attention to the conservation and management of World Natural Heritage Nominated Property.

The local governments of Shanghai, Shandong, Hebei and Liaoning have approved the establishment of leading groups and offices for the World Heritage inscription, and assigned full-time personnel to uniformly lead the conservation and management of the property's components and buffer zones. For each component, specific management organizations and protection teams have been established, and detailed management regulations and measures have been enacted. Management organizations are responsible for the work of security, law enforcement and supervision, scientific research, science popularization and education (such as tourism guides, etc.), and resource management and protection, which together form a complete and effective scientific and management mechanism for the property.

The eastern coastal region of China is economically developed and densely populated. Local residents strongly rely on coastal wetlands

	<p>for their livelihoods, including marine fishing, aquaculture, and cultivation of farmland. In order to protect the coastal wetlands and migratory bird habitats to the maximum extent, China has promulgated a series of wetland conservation policies, including the <i>Notice of the State Council on Strengthening the Protection of Coastal Wetlands and Strictly Controlling Land Reclamation from Sea</i> (G.F. [2018] No.24), the <i>Notice of the General Office of the State Council on Issuing the Scheme of Wetland Protection and Restoration System</i> (G.B.F. [2016] No.89), and the <i>Guiding Opinions on Establishing a Nature Reserve System with National Parks as the Main Component, Wetland Protection Law</i>. China has completely prohibited reclamation projects and actively advanced the restoration of tidal flat ecosystems in some damaged areas, representing a change from “seeking resources from nature” to “living in harmony with nature”.</p> <p>Under the conservation and management plan of each component, local residents are allowed to continue traditional sustainable marine fishing, aquaculture and farming activities in the components. The ecotourism in the components will be concentrated in designated areas, and local residents are encouraged to be more engaged in the conservation and publicity of the components and protected areas.</p> <p>Most of the protected areas on which Phase II are based have been included in the MAB Programme, Ramsar Site Network, East Asian-Australasian Flyway Partnership (EAAFP) Flyway Site Network, and/or listed as Important Bird and Biodiversity Areas (IBA) and/or Key Biodiversity Areas (KBA). They are the best-preserved, undeveloped coastal wetlands remaining in the Yellow Sea Ecoregion in China, and are the wetlands most frequently used by migratory waterbirds.</p> <p>China will take the following measures to strengthen conservation and management: 1) strengthen the monitoring of and scientific research on key elements of natural heritage, including both landscape and biological elements, and implement adaptive management according to</p>
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	<p>the results of research and monitoring; 2) carry out monitoring and purposeful scientific research on threatening factors, take targeted measures of prevention and control or rehabilitation based on this research, and incorporate business entities and residents in the actions for management, monitoring and public education within the components and buffer zones; 3) further encourage social participation, and increase social and public attention and participation in conservation work within the property; 4) construct effective the display systems, control the number of tourists, enhance the ecological conservation education of tourists, regulate traffic to tourist areas, and reinforce supervision and control of tourism and traffic to ensure that there is minimal impact from human activities on the value of natural heritage.</p> <p>From 2020 to 2025, China's protected areas will continue to be integrated and optimized. The protected areas which the 27 components of Phase II are based will undergo stricter demarcation and confirmation of rights, clear management institutions, and rationalize management methods. This will greatly facilitate the management of components and buffer zones. The World Heritage Nomination Expert Group of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II), local functional departments, monitoring agencies, research institutes and universities will provide the necessary technical support for the effective monitoring, scientific conservation and management of the nominated property into the future.</p>
Name and contact information of official local institution /Agency	<p>Org: National Forestry and Grassland Administration of the People's Republic of China Add: No. 18, Hepingli East Street, Dongcheng District, Beijing, China P.C.: 100714 Tel: +86-10-84238317 Fax: +86-10-84239527 Email: 17033045@qq.com Web: http://www.forestry.gov.cn/</p> <p>YS-3: Migratory Bird Habitat at Chongming Dongtan, Shanghai</p>

	<p>Org: Shanghai Landscaping & City Appearance Administrative Bureau (Shanghai Forestry Bureau) Add: No. 768 Jiaozhou Road, Jing'an District, Shanghai, China P.C.: 200040 Tel: +86-21-52567156 Fax: +86-21-52567156 Email: littleowls@163.com Web: http://lhsr.sh.gov.cn/</p> <p>Org: Management Affairs Center of Chongming Dongtan Birds Nature Reserve, Shanghai Add: No.168, Dongwang Road, Chongming District, Shanghai, China P.C.: 202183 Tel: +86-21-59471556-618 Fax: +86-21-5947155 Email: 276842504@qq.com Web: http://www.dongtan.cn/</p> <p>YS-4: Migratory Bird Habitat at Yellow River Estuary, Dongying, Shandong Province</p> <p>Org: Department of Natural Resources of Shandong Province Add: No. 114 Jingshi East Road, Jinan City, Shandong Province, China P.C.: 250014 Tel: +86-531-88954540 Email: zhangzhaosheng@163.com Web: http://dnr.shandong.gov.cn/</p> <p>Org: Administration Committee of Shandong Yellow River Delta National Nature Reserve Add: No.258, Yihe Road, Dongying, Shandong Province, China P.C.: 257100 Tel: +86-546-8305827 (Nature Reserve Office) +86- 546-8305259 (Nature Reserve Research Center) Email: zrbhqbg@dy.shandong.cn (Nature Reserve Office) bhqkyzx@dy.shandong.cn (Nature Reserve Research Center) Web: http://hhsjzrbhq.dongying.gov.cn/</p> <p>YS-5: Migratory Bird Habitat at Nandagang Wetland, Cangzhou, Hebei Province</p> <p>Org: Forestry and Grassland Bureau of Hebei Province Add: No. 666, Chengjiao Street, Qiaoxi District, Shijiazhuang City, Hebei Province, China P.C.: 050081</p>
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	<p> Tel: +86-311-88607626 Email: zrbhdc@163.com Web: http://lycy.hebei.gov.cn/ (YS-5 to YS-9 are taken charge of the Forestry and Grassland Bureau of Hebei Province) </p> <p> Org: Natural Resources and Planning Bureau of Cangzhou City Add: No.54, Yuhe Road, Yunhe District, Cangzhou City, Hebei Province, China P.C.: 050051 Tel: +86-317-2024227 Email: lzk2079605@126.com Web: http://zr.cangzhou.gov.cn/ </p> <p> Org: Management Committee of Nandagang Industrial Park Add: Nandagang Industrial Park, Cangzhou City, Hebei Province, China P.C.: 061103 Tel: +86-317-5897806 Email: lzk2079605@126.com Web: http://www.nandagang.gov.cn/index.asp </p> <p> YS-6: Migratory Bird Habitat at Nanpu Zuidong Wetland, Luannan, Hebei Province </p> <p> Org: Natural Resources and Planning Bureau of Tangshan Add: No.23 Beixinxi Road, Lubei District, Tangshan City, Hebei Province, China P.C.: 063000 Contact person: ZHANG Fengchun Tel: +86-315-5901881 Email: tsssyb@126.com Web: http://zygh.tangshan.gov.cn/ </p> <p> Org: Natural Resources and Planning Bureau of Luannan County Add: No.5 Chongfa Street, Luannan County, Tangshan City, Hebei Province, China P.C.: 063500 Tel: +86-15232661009 Email: lnhnqxdsy@163.com Web: http://www.luannan.gov.cn/ </p> <p> YS-7: Migratory Bird Habitat at Qilihai Lagoon, Qinhuangdao, Hebei Province </p>
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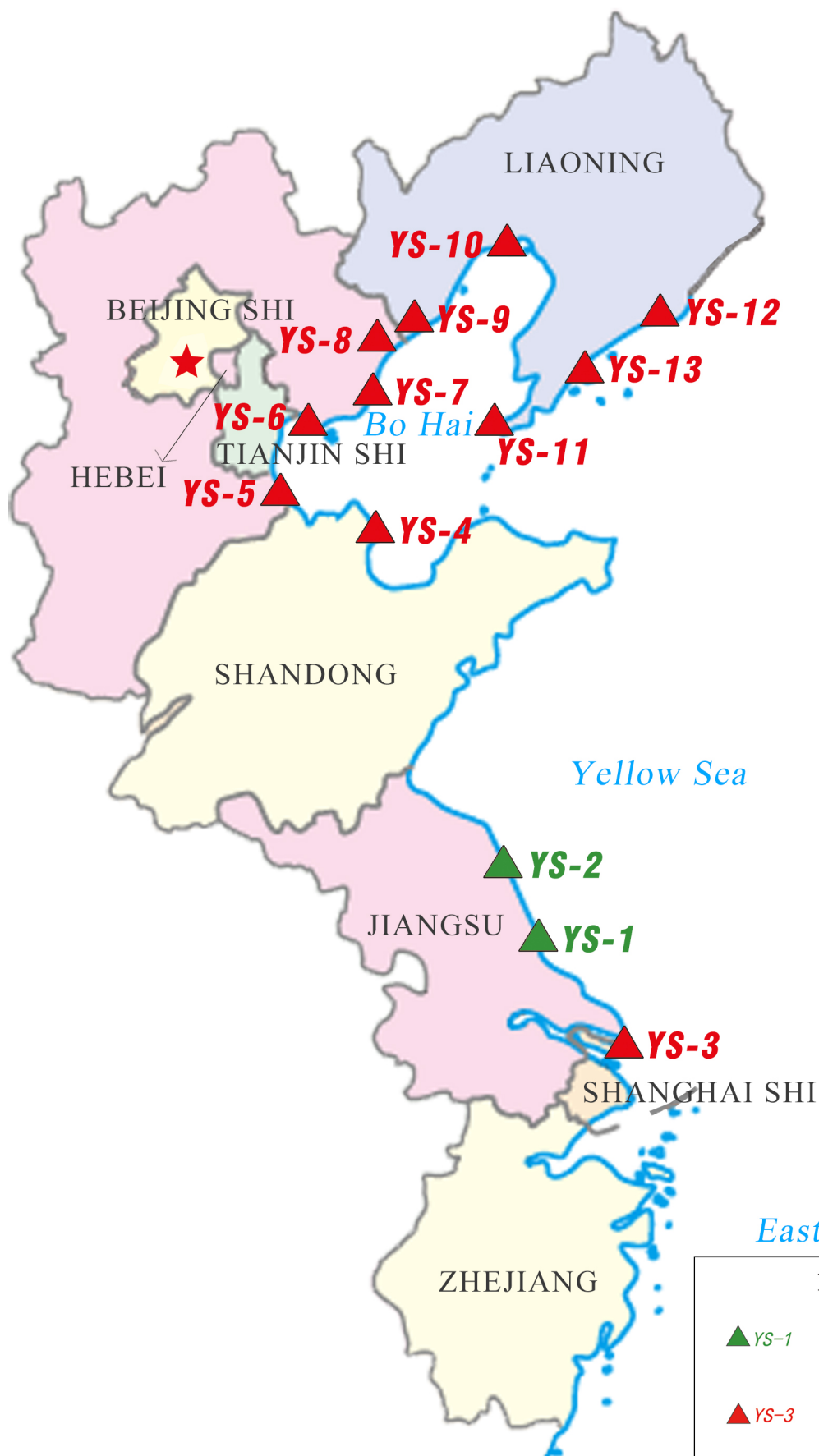
	<p>Org: Qinhuangdao Forestry Bureau Add: No.238 Taishan Road, Development Zone, Qinhuangdao City, Hebei Province, China P.C.: 066004 Tel: +86-335-5911085 Fax: +86-335-5911085 Email: qhdlyjbhd@163.com Web: http://lyj.qhd.gov.cn/ (YS-7 to YS-9 are taken charge of Qinhuangdao Forestry Bureau)</p> <p>Org: Bureau of Forestry and Landscaping of Beidaihe New Area Add: Business base in Beidaihe New Area, Qinhuangdao, Hebei Province, China P.C.: 066600 Tel: +86-335-3590330 Fax: +86-335-3590330 Email: xqfjms@126.com Web: http://www.qhd.gov.cn</p> <p>Org: Administration Center of Changli Golden Coast National Nature Reserve, Hebei Province Add: North of International Sand Sliding Center Road, Changli County, Hebei Province, China P.C.: 066609 Tel: +86-335-2081360 Fax: +86-335-2081360 Email: clbhqglcjsk@163.com Web: http://www.clxzf.gov.cn/index.jsp</p> <p>YS-8: Migratory Bird Habitat at Dachaoping of Beidaihe, Qinhuangdao, Hebei Province</p> <p>Org: Forestry Bureau of Beidaihe District Add: No.114, Lianfeng Road, Beidaihe District, Qinhuangdao City, Hebei Province, China P.C.: 066100 Tel: +86-335-7521122 Fax: +86-335-7521122 Email: ylj-bgs@163.com Web: http://www.beidaihe.gov.cn</p> <p>Org: Administration Office of Beidaihe Scenic Area Add: No.114, Lianfeng Road, Beidaihe District, Qinhuangdao City, Hebei Province, China</p>
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	<p> P.C.: 066100 Tel: +86-335-7521126 Fax: +86-335-7521126 Email: bdhqfjb@163.com Web: http://www.beidaihe.gov.cn/ </p> <p> Org: Administration Office of Beidaihe National Wetland Park, Hebei Province Add: No.36, Binhai Avenue, Beidaihe District, Qinhuangdao City, Hebei Province, China P.C.: 066100 Tel: +86-335-4689151 Fax: +86-335-4689151 Email: bdhsdbgs@163.com Web: http://www.beidaihe.gov.cn/ </p> <p> YS-9: Migratory Bird Habitat at Shihenandao of Laolongtou, Qinhuangdao, Hebei Province </p> <p> Org: Bureau of Planning and Natural Resources of Shanhaiguan District Add: No.189 Old Dragon Head Road, Shanhaiguan District, Qinhuangdao City, Hebei Province, China P.C.: 066200 Tel: +86-335-5135008 Fax: +86-335-5135008 Email: shggtj@163.com Web: http://www.shanhaiguan.gov.cn/ </p> <p> Org: Service Center for the Scenic Area of Shanhaiguan District, Qinghuangdao Add: No.189 Old Dragon Head Road, Shanhaiguan District, Qinhuangdao City, Hebei Province, China P.C.: 066200 Tel: +86-335-5135919 Fax: +86-335-5135919 Email: shgfjb@163.com Web: http://www.shanhaiguan.gov.cn/ </p> <p> YS-10: Migratory Bird Habitat at Liao River Estuary, Panjin, Liaoning Province </p> <p> Org: Forestry and Grassland Bureau of Liaoning Province Add: No. 2, Taiyuan North Street, Heping District, Shenyang City, Liaoning Province, China </p>
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	<p>P.C.: 110001 Tel: +86-24-23448960 Fax: +86-24-23448960 Email: lcjbhdc@163.com Web: http://lyt.ln.gov.cn/ (YS-10 to YS-13 are taken charge of Forestry and Grassland Bureau of Liaoning Province)</p> <p>Org: Bureau of Forestry and Wetland Reserve of Panjin Add: No.4, Block B, Administration Center, Liaodong Bay New District, Panjin City, Liaoning Province, China P.C.: 124221 Tel: +86-427-2828410 Fax: +86-427-2828410 Email: slysdj@163.com Web: http://www.panjin.gov.cn/</p> <p>Org: Service Center for the Conservation of Forestry and Wetlands at Panjin City, Administration Bureau of Liao River Estuary Provincial Nature Reserve, Liaoning Province Add: No.4, Block B, Administration Center, Liaodong Bay New District, Panjin City, Liaoning Province, China P.C.: 124221 Tel: +86-427-2810368 Fax: +86-427-2810368 Email: pjslsj_2019@163.com Web: http://www.panjin.gov.cn/</p> <p>Org: Administration Bureau of Liao River Estuary National Nature Reserve, Liaoning Province Add: No.4, Block B, Administration Center, Liaodong Bay New District, Panjin City, Liaoning Province, China P.C.: 124221 Tel: +86-427-2810368 Fax: +86-427-2810368 Email: pjlsjsdk@126.com Web: http://www.panjin.gov.cn/</p> <p>YS-11: Migratory Bird Habitat at Snake Island - Laotieshan, Dalian, Liaoning Province</p> <p>Org: Bureau of Natural Resources, Dalian, China Add: No.72 Renmin Road, Zhongshan District, Dalian, Liaoning Province, China</p>
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	<p>P.C.: 116001 Tel: +86-411-82654013 Fax: +86-411-82654013 Email: slzybhc@163.com Web: https://zrzy.dl.gov.cn/</p> <p>Org: Municipal Service Center for Natural Resources Affairs of Dalian Add: No.124, Xinkai Road, Xigang District, Dalian, Liaoning Province, China P.C.: 116001 Tel: +86-411-83600725 Fax: +86-411-83600725 Web: http://124.93.228.101:8087/ (YS-11 and YS-13 are taken charge of Municipal Service Center for Natural Resources Affairs of Dalian)</p> <p>Org: Administration Bureau of Snake Island-Laotieshan National Nature Reserve, Liaoning Province Add: No.2 Youyi Road, Lushunkou District, Dalian, Liaoning Province, China P.C.: 116041 Tel: +86-411-86383697 Fax: +86-411-86383697 Email: snakeisland@163.com Web: http://www.snakeisland.cn</p> <p>YS-12: Migratory Bird Habitat at Yalujiang Estuary, Dandong, Liaoning Province</p> <p>Org: Forestry and Grassland Bureau of Dandong Add: No.2 North Center Road, Langtou Town, Zhenxing District, Dandong City, Liaoning Province, China P.C.: 118000 Tel: +86-415-2593190 Fax: +86-415-2593190 Email: ddslyjbgs@163.com Web: http://lyj.dandong.gov.cn/</p> <p>Org: Service Center for the Development of Forestry and Grassland at Dandong City, Liaoning Province Add: No.2 North Center Road, Langtou Town, Zhenxing District, Dandong City, Liaoning Province, China P.C.: 118000 Tel: +86-415-2593123</p>
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	<p>Fax: +86-415-2593123 Email: 809877020@qq.com Web: http://lyj.dandong.gov.cn/wzgl/zzjg/xsdw/</p> <p>Org: Forestry and Grassland Bureau of Donggang Add: No.17, Zhanqian Street, Donggang City, Liaoning Province, China P.C.: 118300 Tel: +86-415-7123549 Fax: +86-415-7123549 Email: dgslhb@126.com Web: http://www.donggang.gov.cn</p> <p>YS-13: Migratory Bird Habitat at Changshan Archipelago, Dalian, Liaoning Province</p> <p>Org: Changhai County Natural Resources Bureau Add: No. 42, Dongshan D Park, Dachangshan Island Town, Changhai County, Dalian City, Liaoning Province, China P.C.: 116599 Tel: +86-411-89882821 Fax: +86-411-89882821 Email: ghk89882712@163.com Web: https://zrzy.dl.gov.cn/</p> <p>Org: Service Center for Natural Resources Affairs of Changhai County Add: No. 42, Dongshan D Park, Dachangshan Island Town, Changhai County, Dalian City, Liaoning Province, China P.C.: 116599 Tel: +86-411-89889876 Email: 634334649@qq.com; ghk89882712@163.com Web: https://zrzy.dl.gov.cn/</p>
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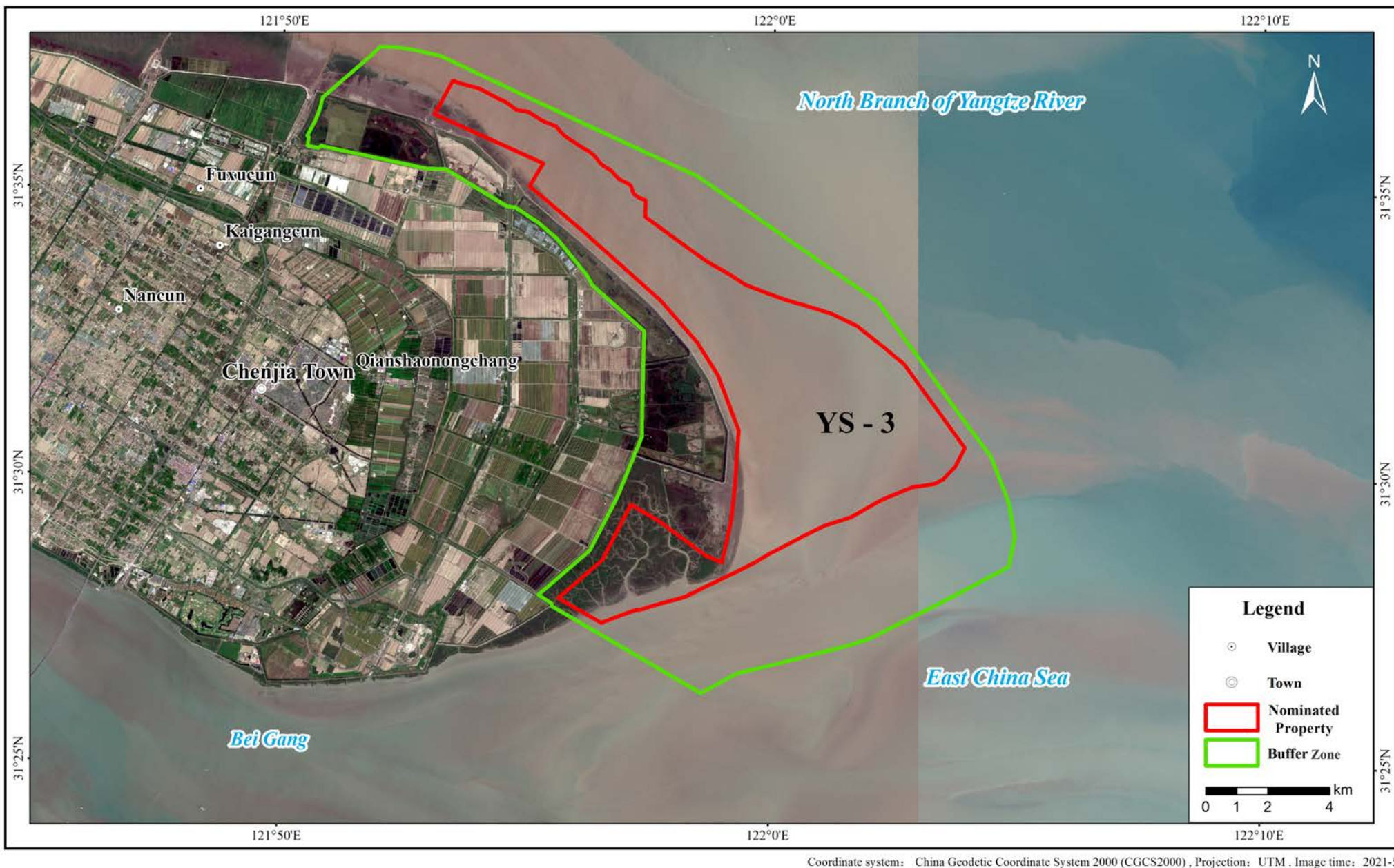
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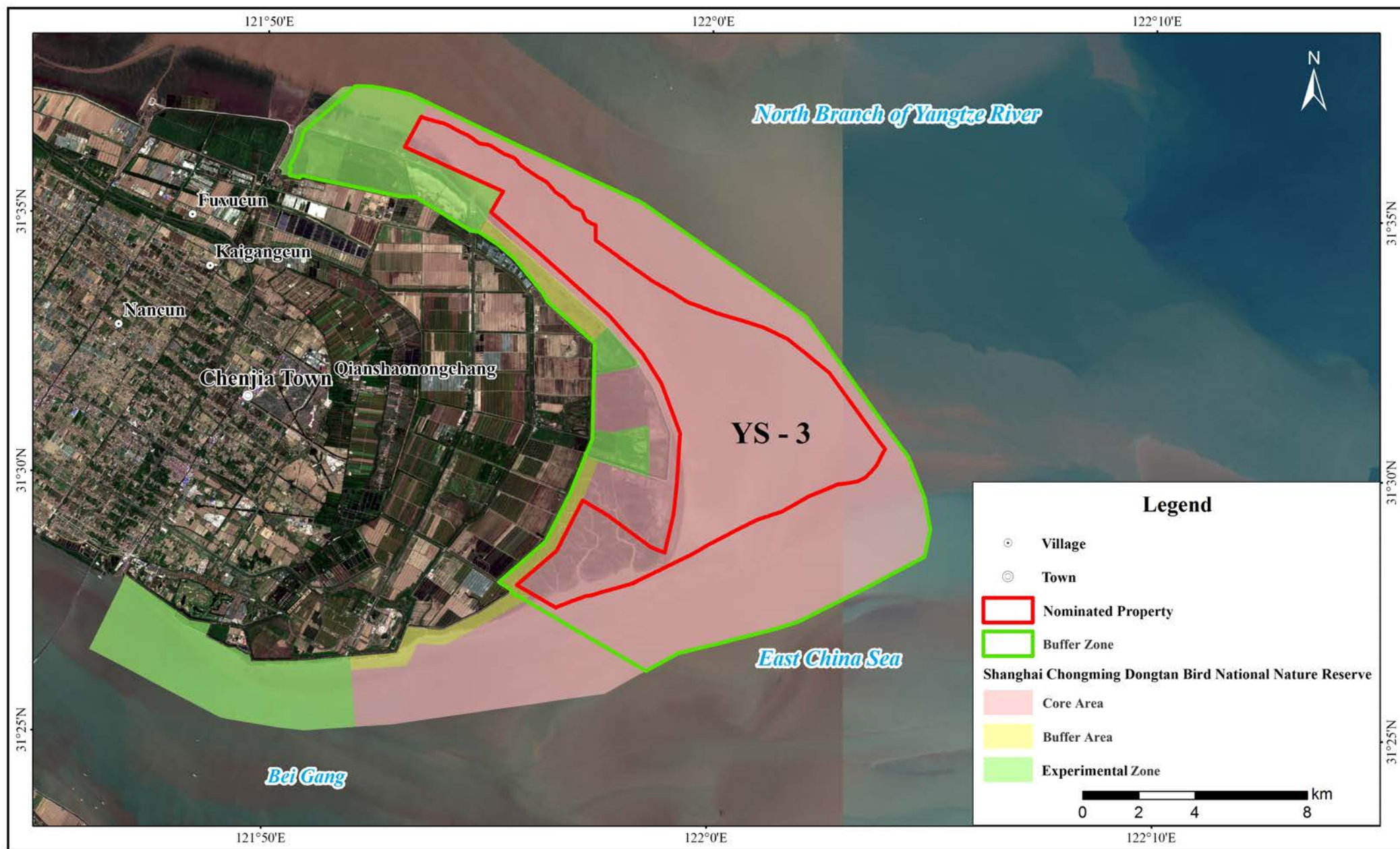


Nominated property(Phase II)



Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM. Image time: 2021-5

Figure 2 Detailed Map of Migratory Bird Habitat at Chongming Dongtan, Shanghai (YS-3) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

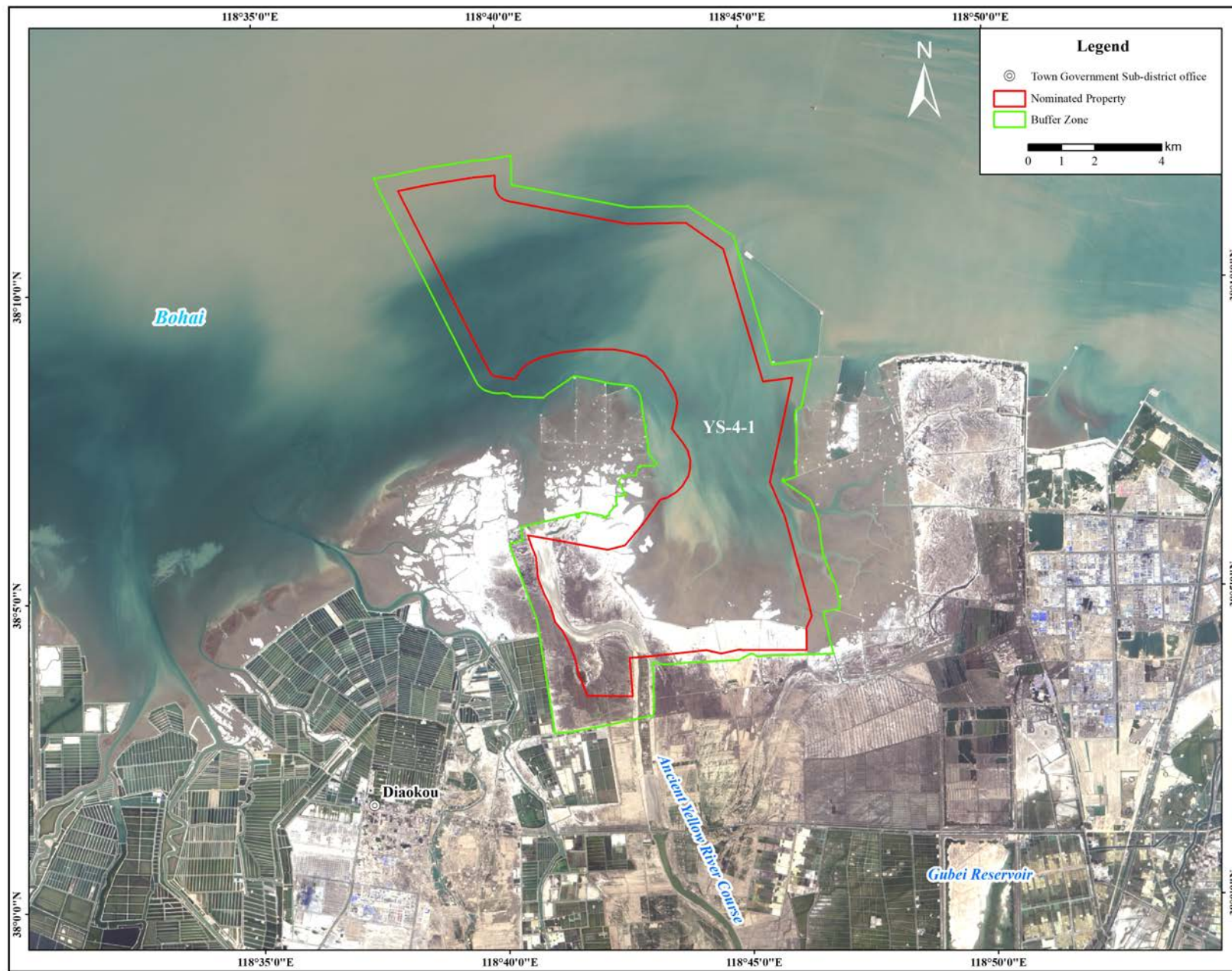


Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM, Image time: 2021-5

Figure 3 Map Showing Relationship of Migratory Bird Habitat at Chongming Dongtan, Shanghai (YS-3) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas



Figure 4 Map Showing Relationship of Four Components of Migratory Bird Habitat at Yellow River Estuary, Dongying, Shandong Province (YS-4) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate System: WGS 1984, Projection: Transverse Mercator. Image Time: May 2020 Mapped in April 2021

Figure 5 Detailed Map of Old Course of Yellow River Estuary (YS-4-1) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

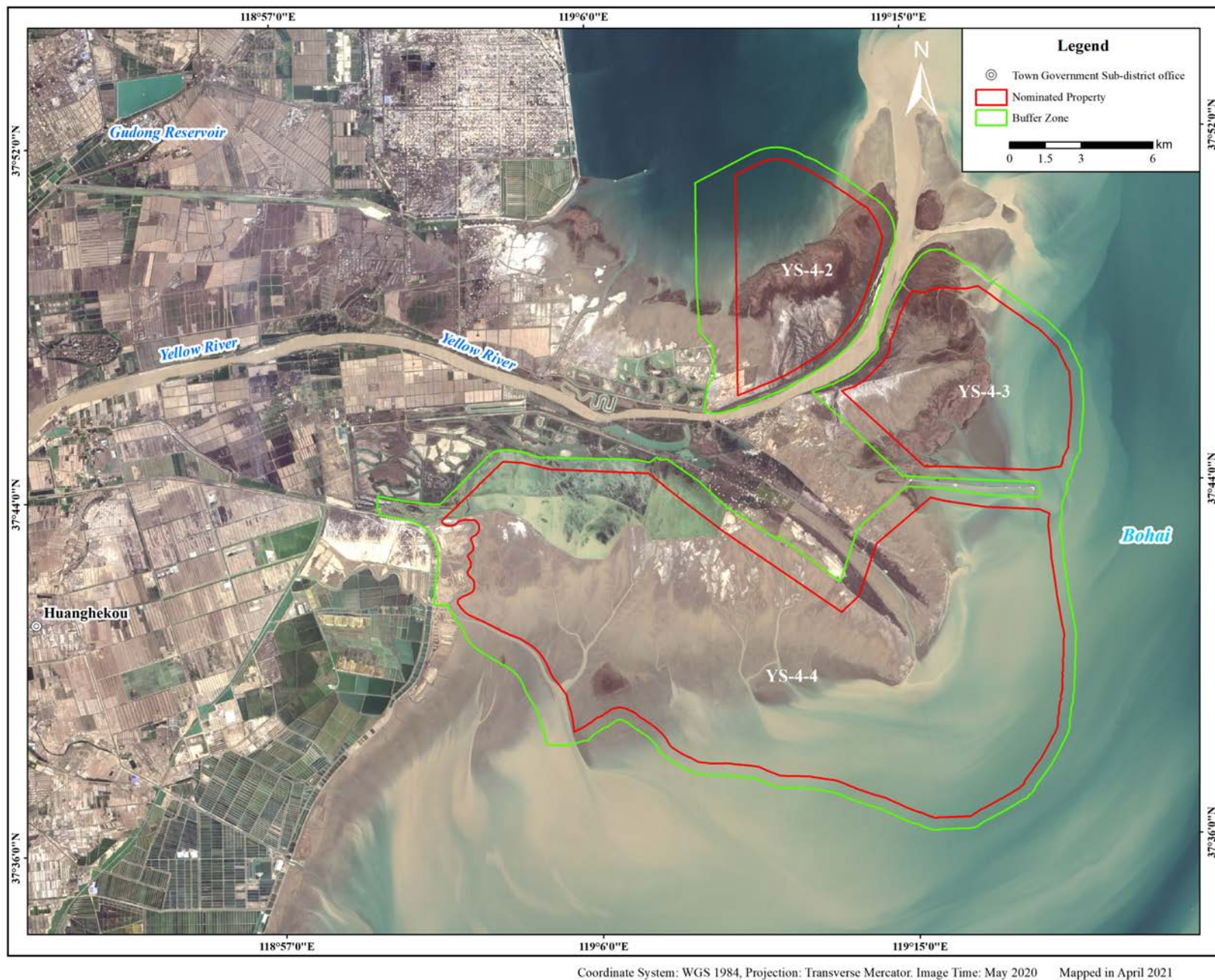


Figure 6 Detailed Map of North Part of the Yellow River Estuary (YS-4-2), South Part of the Yellow River Estuary (YS-4-3) and Dawenliu (YS-4-4) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

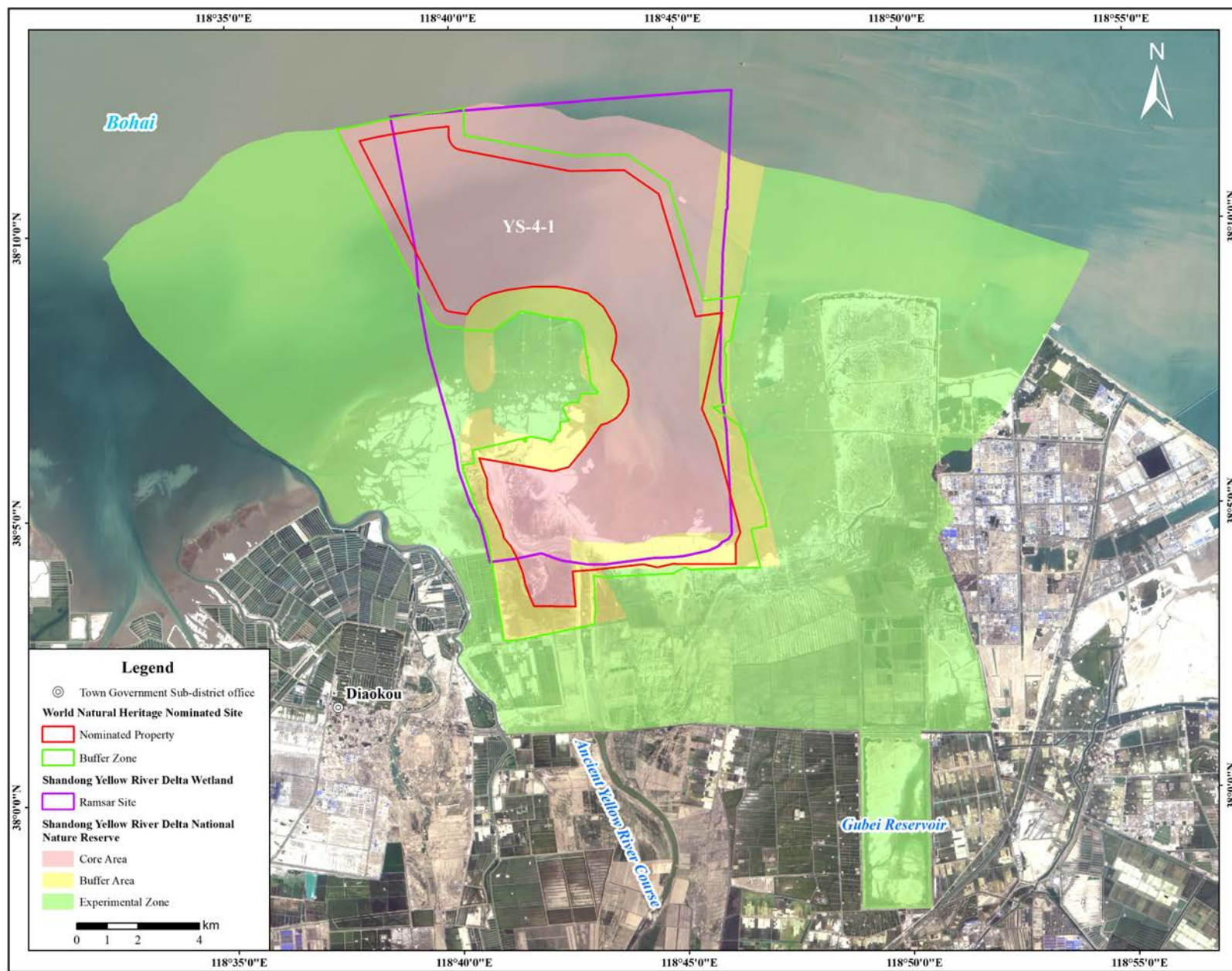


Figure 7 Map Showing Relationship of Old Course of Yellow River Estuary (YS-4-1) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

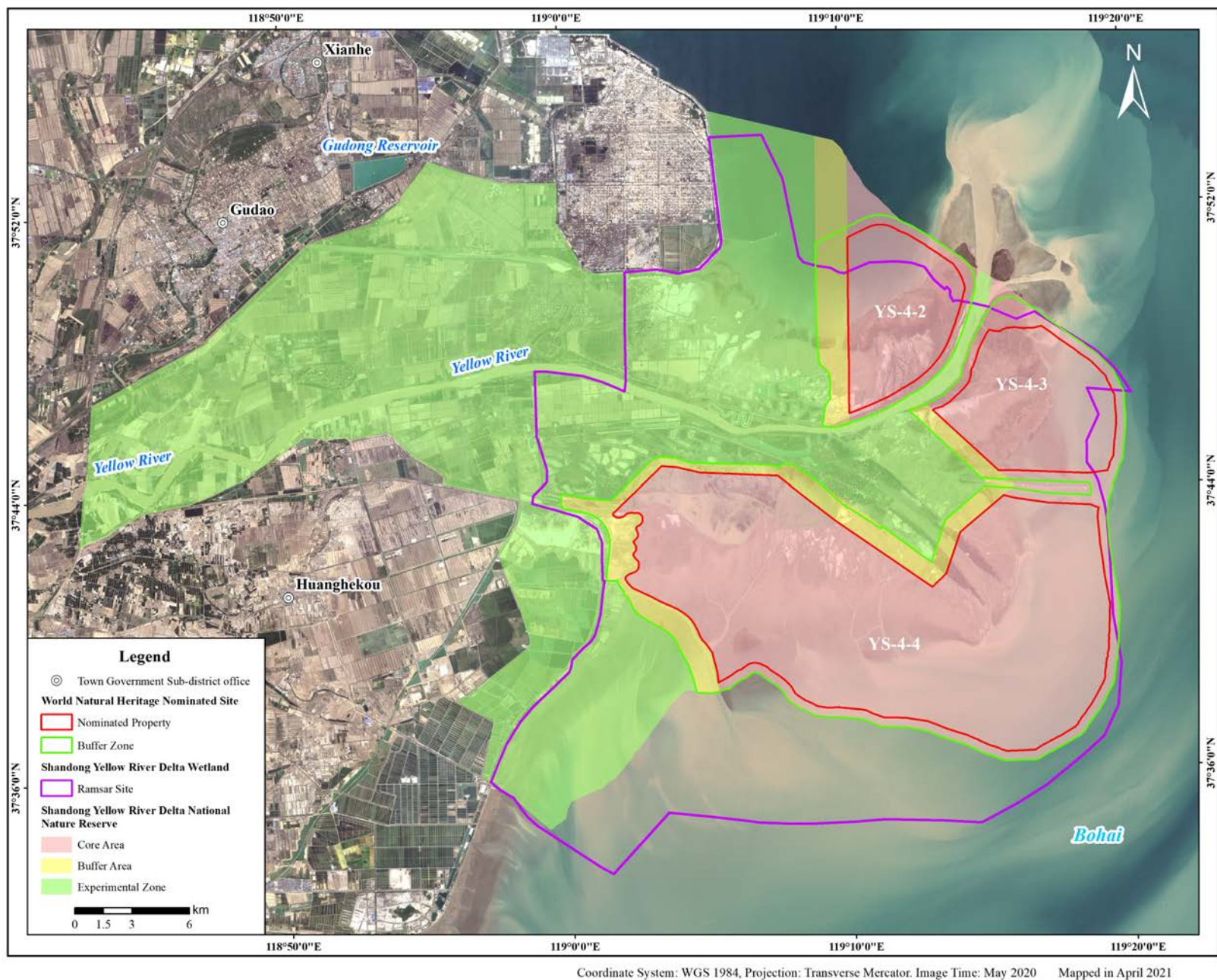


Figure 8 Map Showing Relationship of North Part of the Yellow River Estuary (YS-4-2), South Part of the Yellow River Estuary (YS-4-3) and Dawenliu (YS-4-4) of YS-4 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

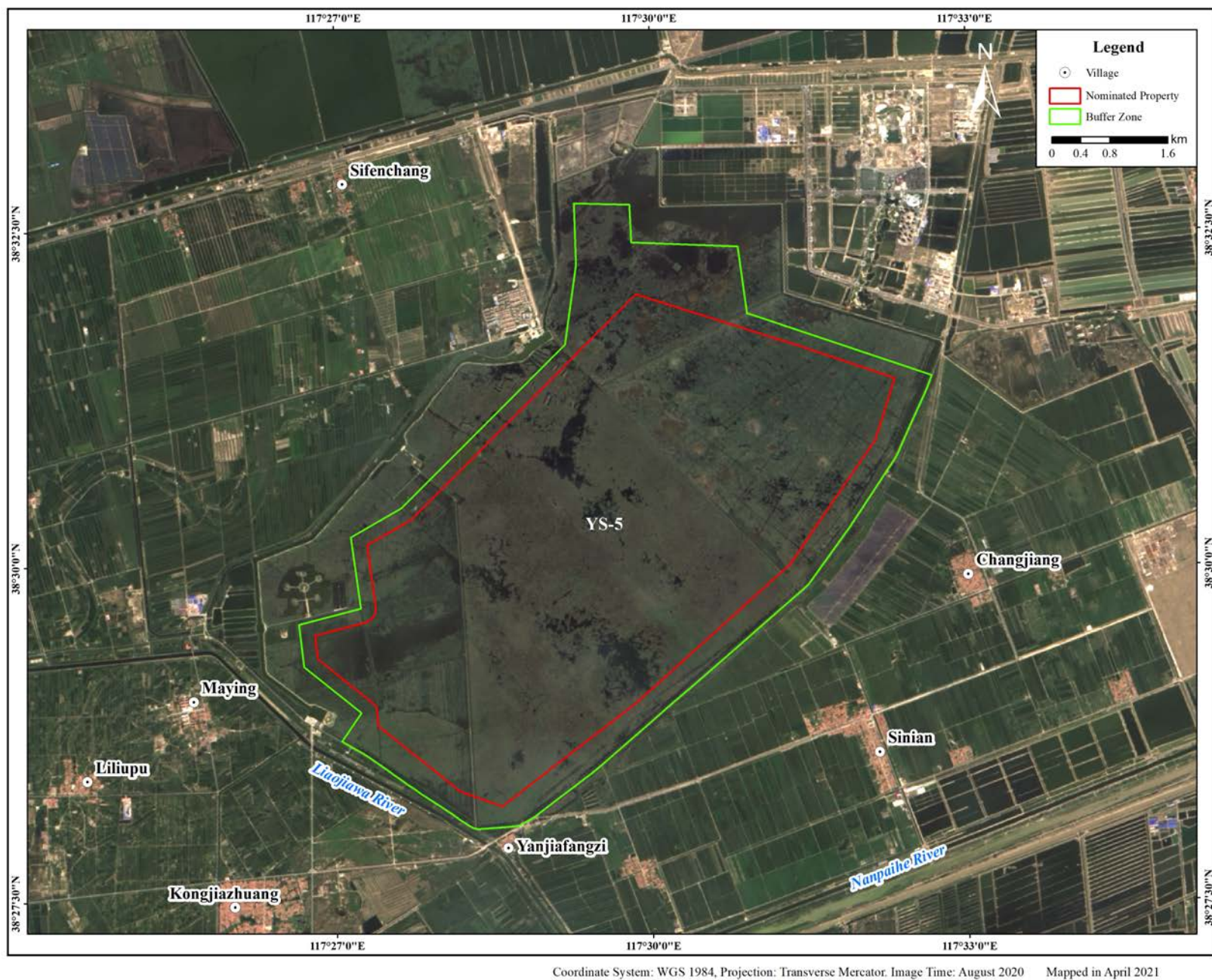


Figure 9 Detailed Map of Migratory Bird Habitat at Nandagang Wetland, Cangzhou, Hebei Province (YS-5) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

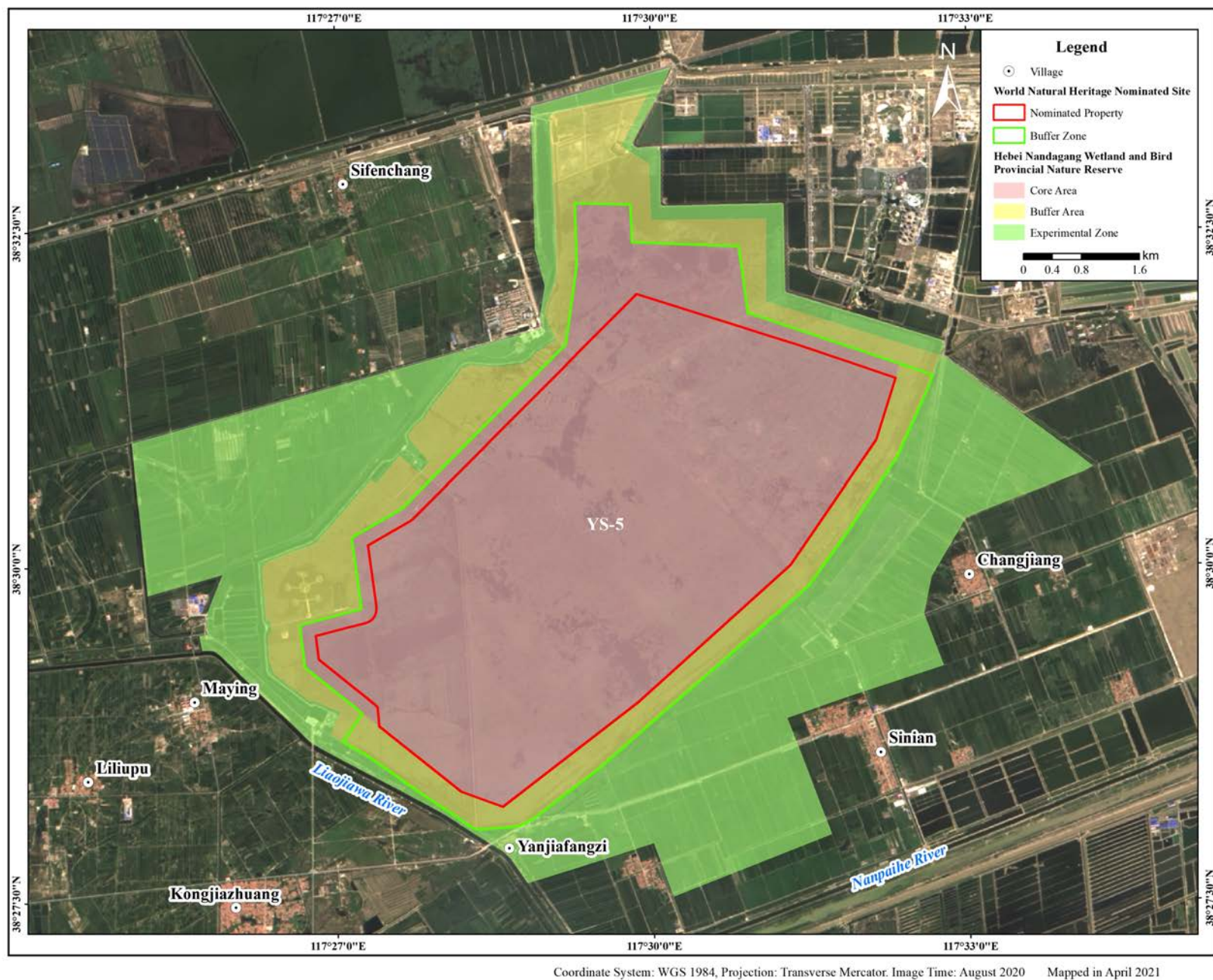
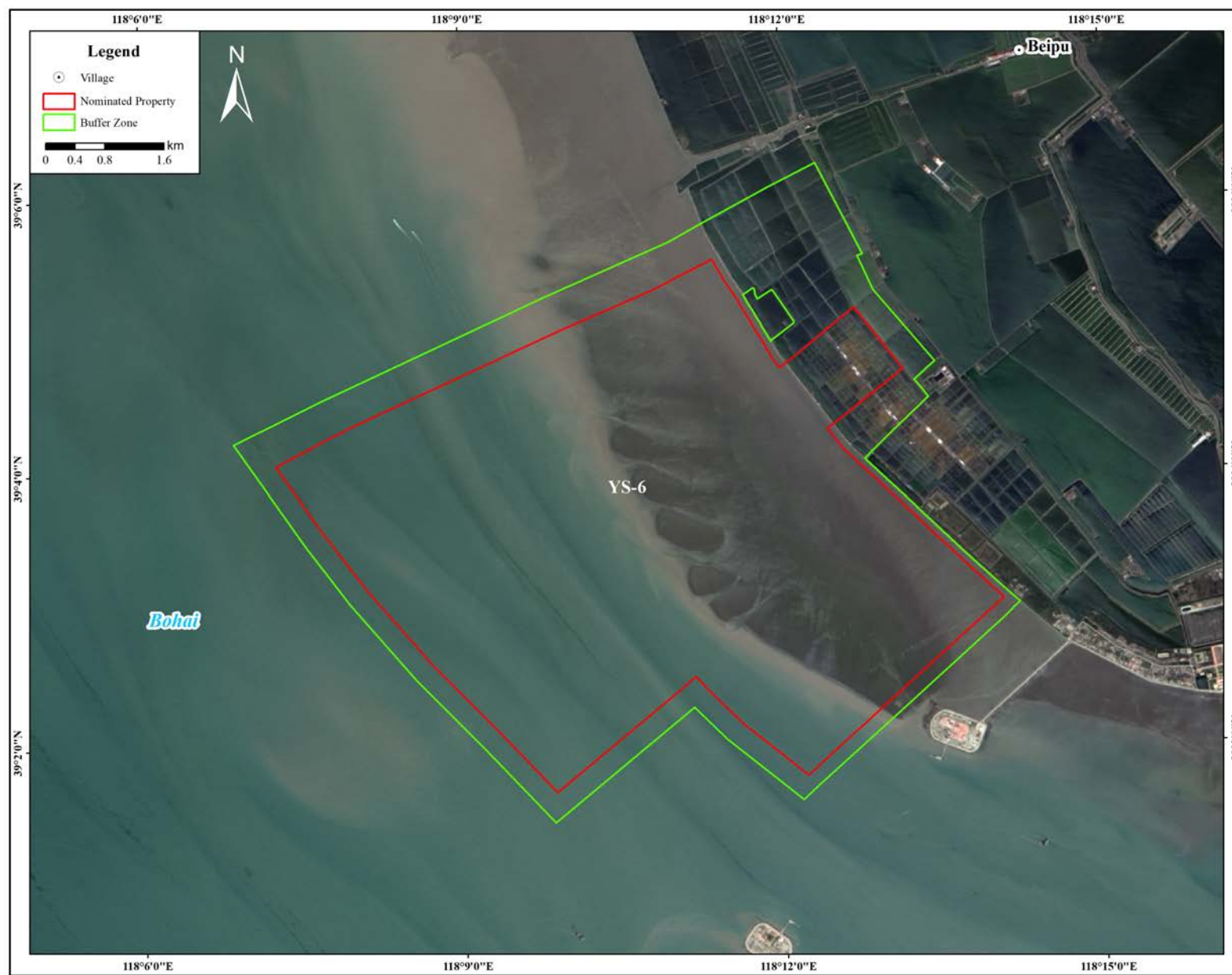


Figure 10 Map Showing Relationship of Migratory Bird Habitat at Nandagang Wetland, Cangzhou, Hebei Province (YS-5) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas



Coordinate System: WGS 1984, Projection: Transverse Mercator. Image Time: May 2020 Mapped in April 2021

Figure 11 Detailed Map of Migratory Bird Habitat at Nanpu-Zuidong Wetland, Luannan, Hebei Province (YS-6) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Figure 12 Map Showing Relationship of Migratory Bird Habitat at Nanpu-Zuidong Wetland, Luannan, Hebei Province (YS-6) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas



Figure 13 Detailed Map of Migratory Bird Habitat at Qilihai Lagoon, Qinhuangdao, Hebei Province (YS-7) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

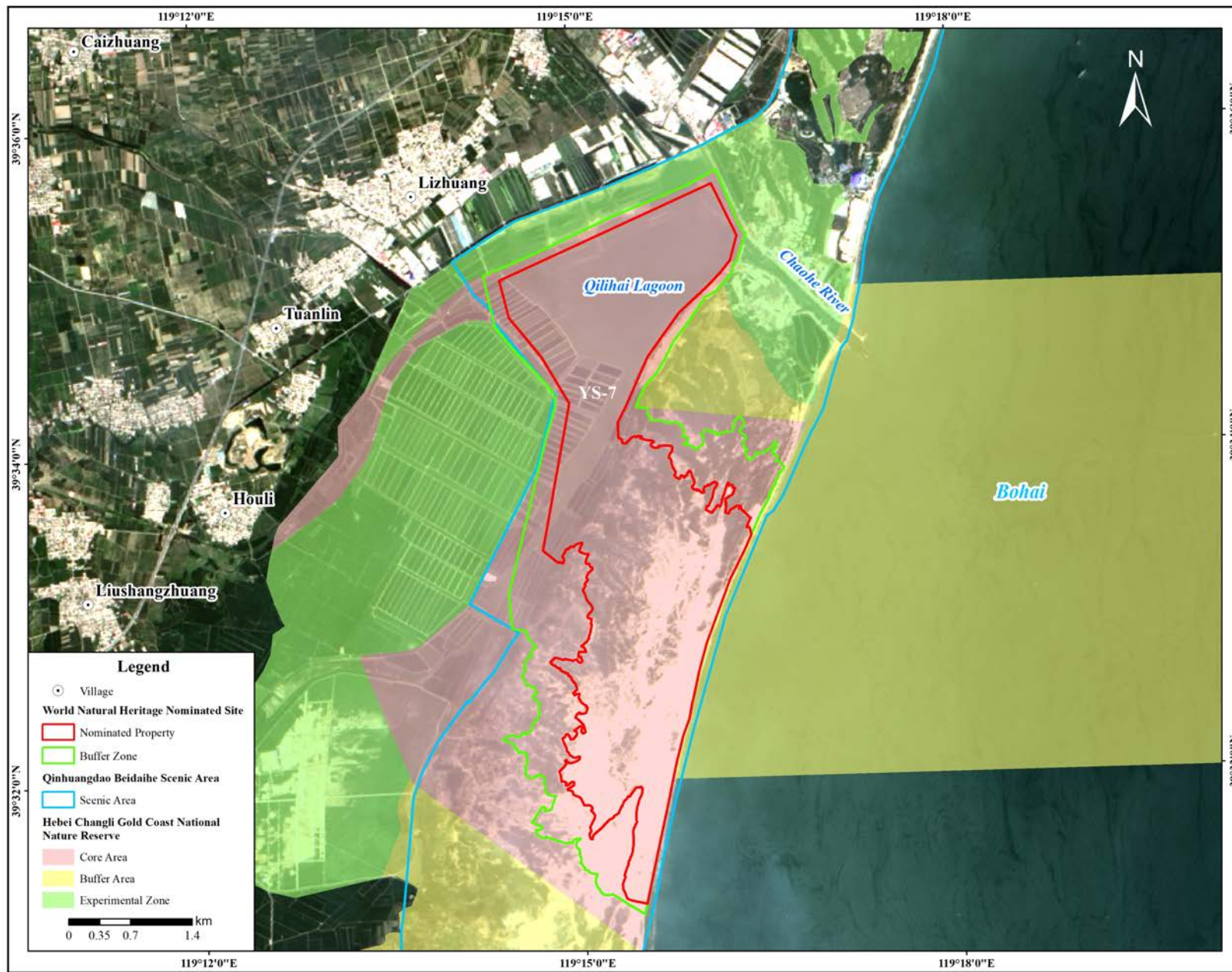


Figure 14 Map Showing Relationship of Migratory Bird Habitat at Qilihai Lagoon, Qinhuangdao, Hebei Province (YS-7) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas



Coordinate System: WGS 1984, Projection: Transverse Mercator. Image Time: November 2020 Mapped in April 2021

Figure 15 Detailed Map of Migratory Bird Habitat at Dachaoqing of Beidaihe, Qinhuangdao, Hebei Province (YS-8) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate System: WGS 1984, Projection: Transverse Mercator. Image Time: November 2020 Mapped in April 2021

Figure 16 Map Showing Relationship of Migratory Bird Habitat at Dachaojing of Beidaihe, Qinhuangdao, Hebei Province (YS-8) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas



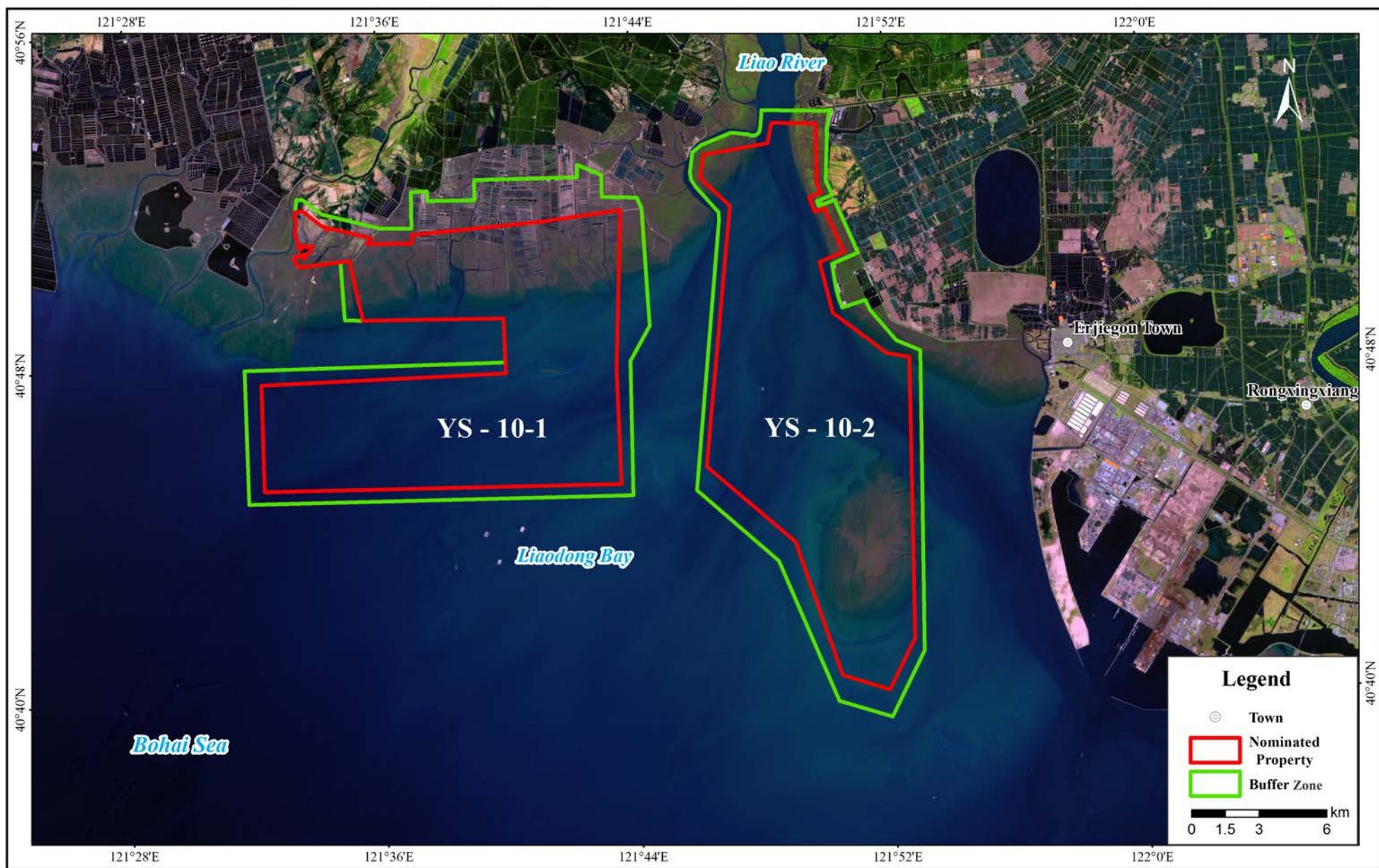
Coordinate System: WGS 1984, Projection: Transverse Mercator. Image Time: May 2021 Mapped in May 2021

Figure 17 Detailed Map of Migratory Bird Habitat at Shihenandao of Laolongtou, Qinhuangdao, Hebei Province (YS-9) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate System: WGS 1984, Projection: Transverse Mercator. Image Time: May 2021 Mapped in May 2021

Figure 18 Map Showing Relationship of Migratory Bird Habitat at Shihenandao of Laolongtou, Qinhuangdao, Hebei Province (YS-9) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

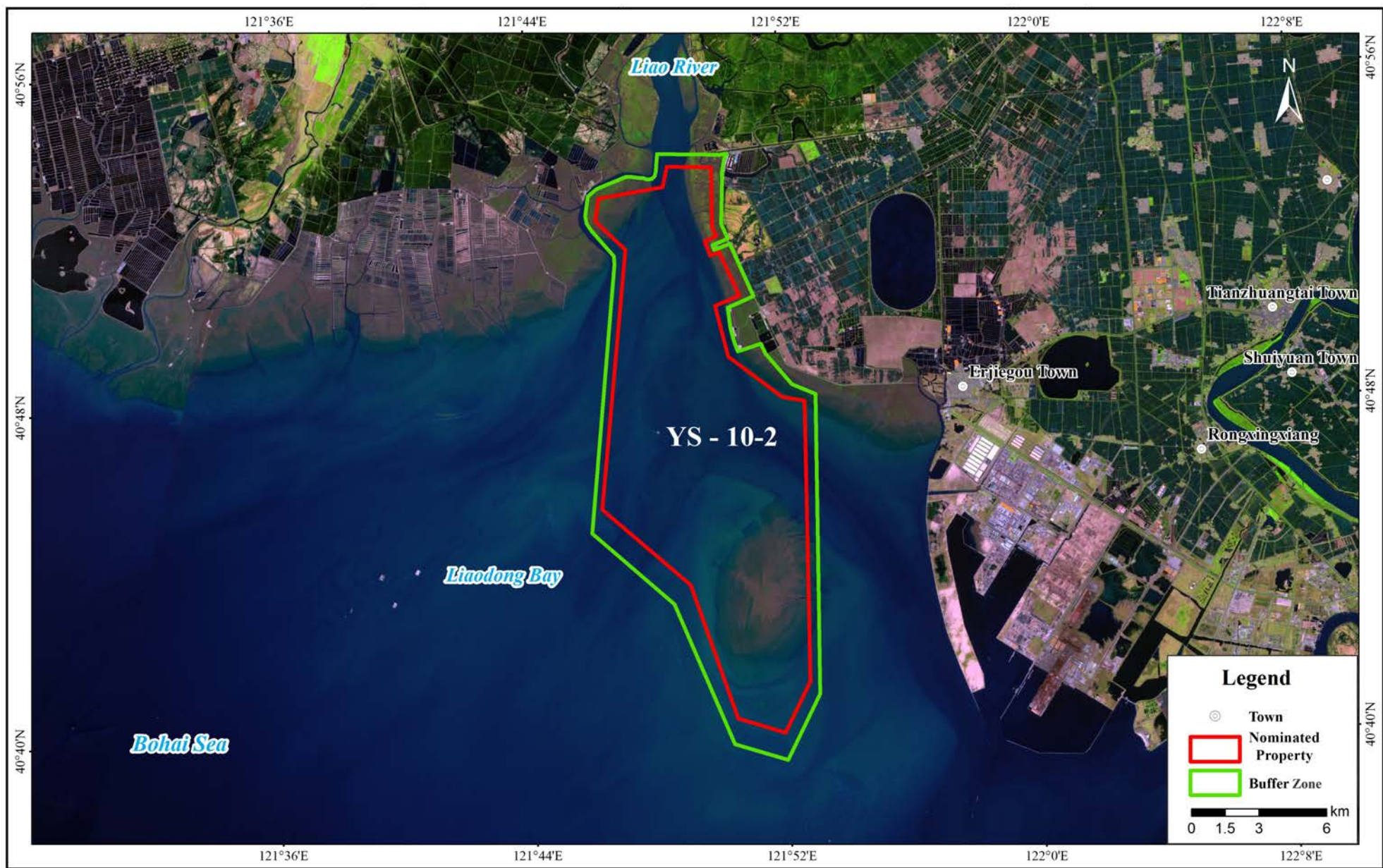


Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM. Image time: 2021-5

Figure 19 Map Showing Relationship of Two Components of Migratory Bird Habitat at Liao River Estuary, Panjin, Liaoning Province (YS-10) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Figure 20 Detailed Map of West Part of Liao River Estuary (YS-10-1) of YS-10 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM, Image time: 2021-5

Figure 21 Detailed Map of East Part of Liao River Estuary (YS-10-2) of YS-10 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

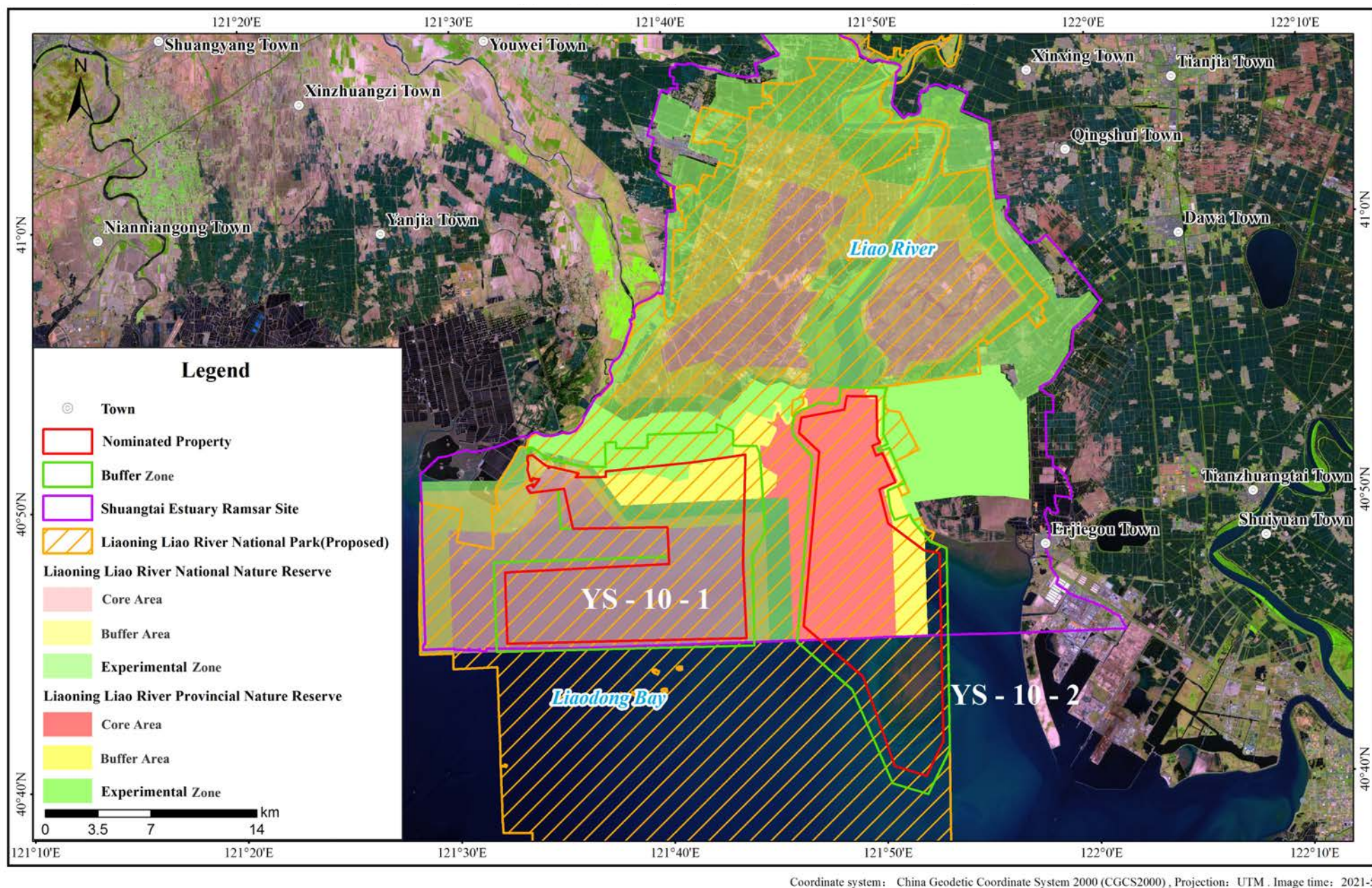


Figure 22 Map Showing Relationship of Migratory Bird Habitat at Liao River Estuary, Panjin, Liaoning Province (YS-10) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas



Figure 23 Map Showing Relationship of Two Components of Migratory Bird Habitat at Snake Island - Laotieshan, Dalian, Liaoning Province (YS-11) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Figure 24 Detailed Map of Jiutou Hill (YS-11-1) of YS-11 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

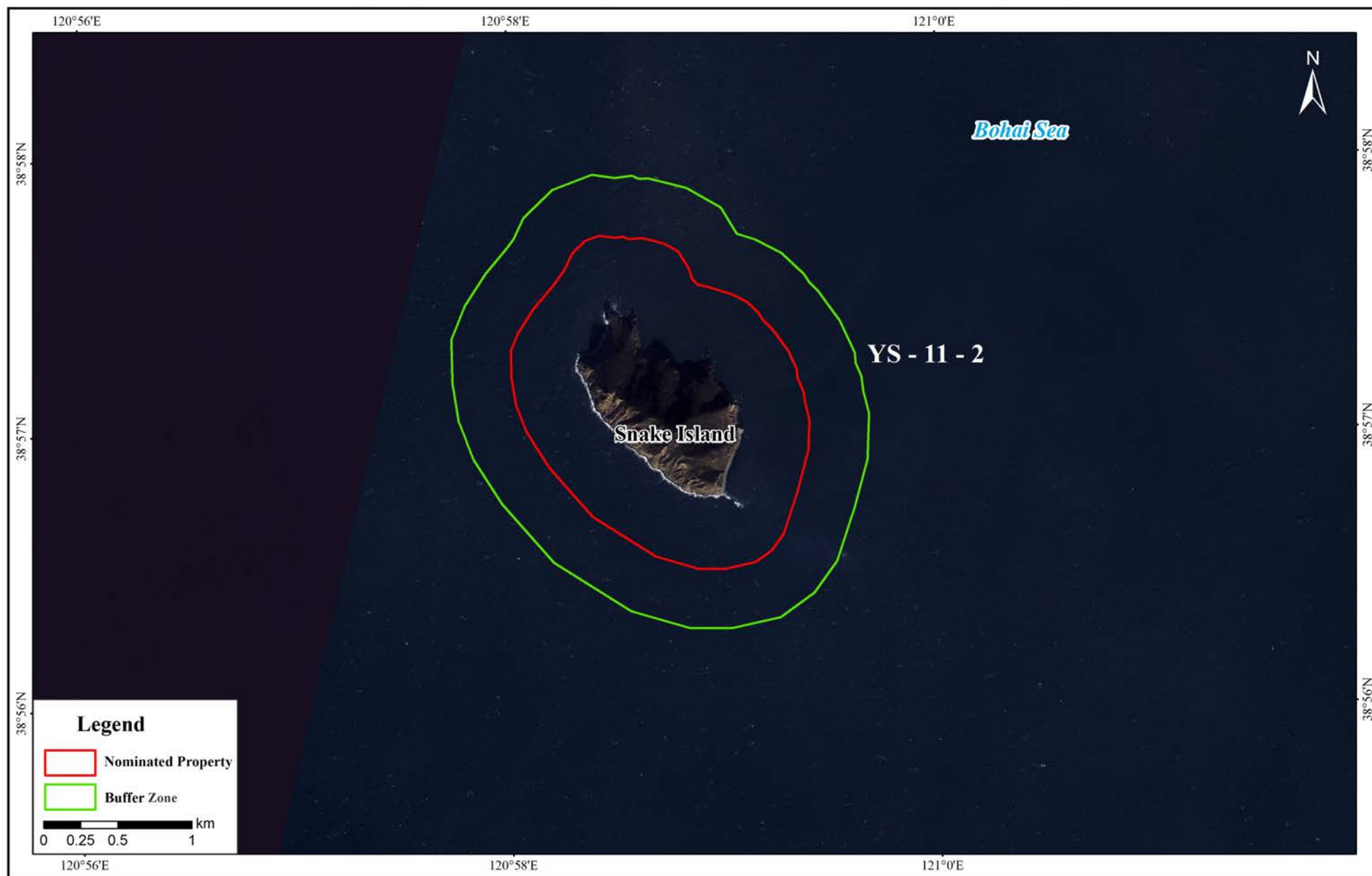


Figure 25 Detailed Map of Snake Island (YS-11-2) of YS-11 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

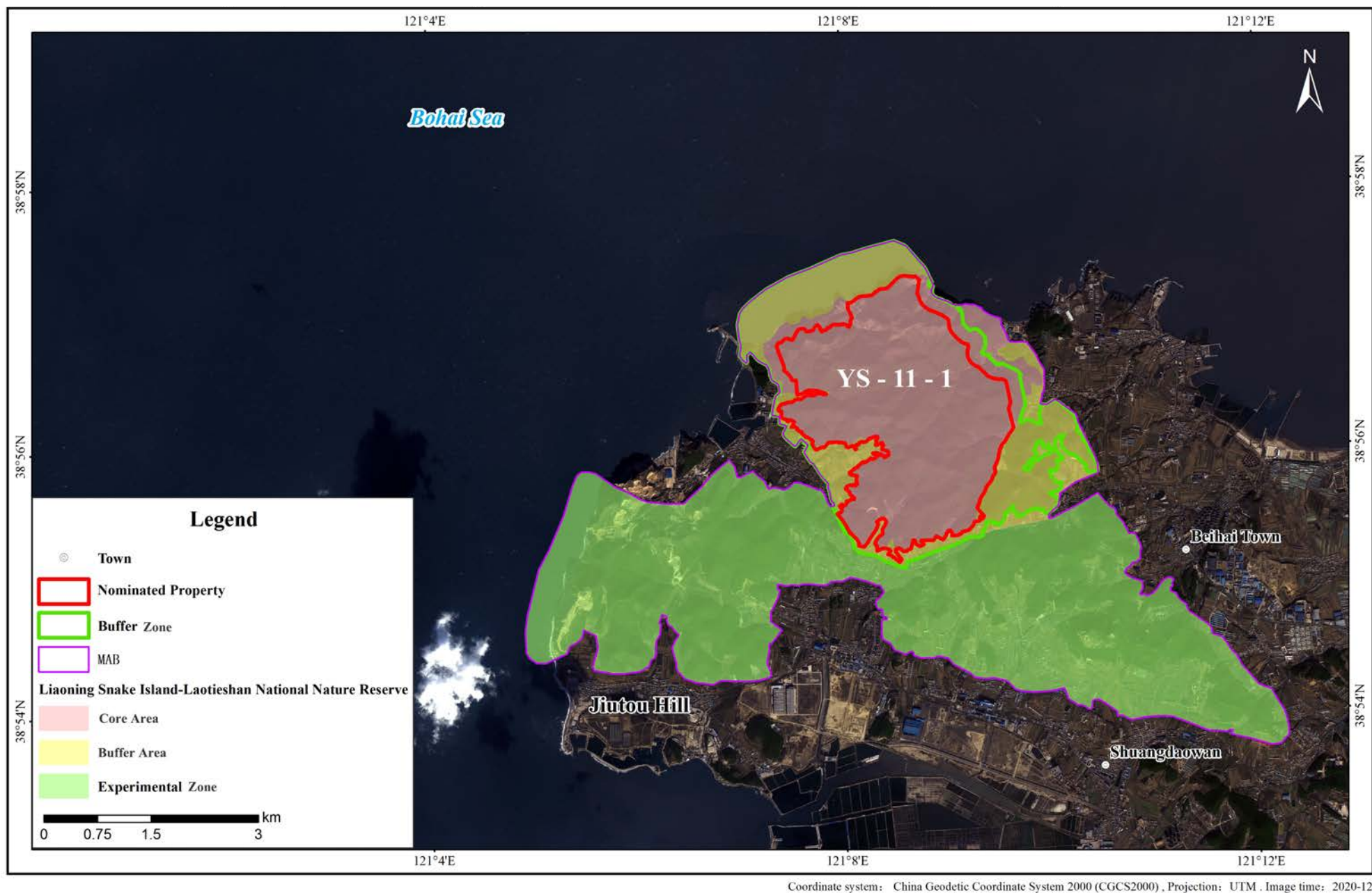


Figure 26 Map Showing Relationship of Jiutou Hill (YS-11-1) of YS-11 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

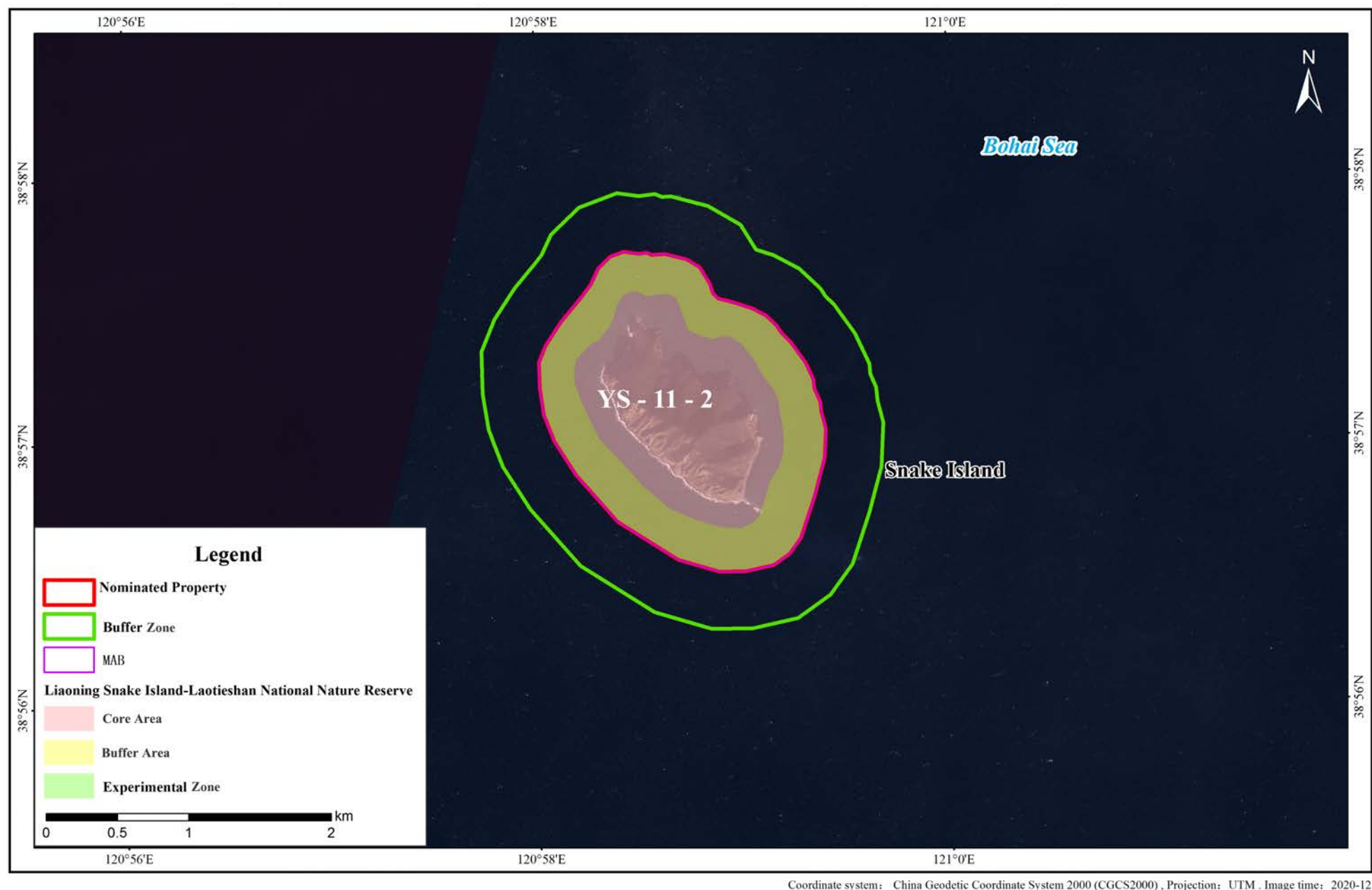


Figure 27 Map Showing Relationship of Snake Island (YS-11-2) of YS-11 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

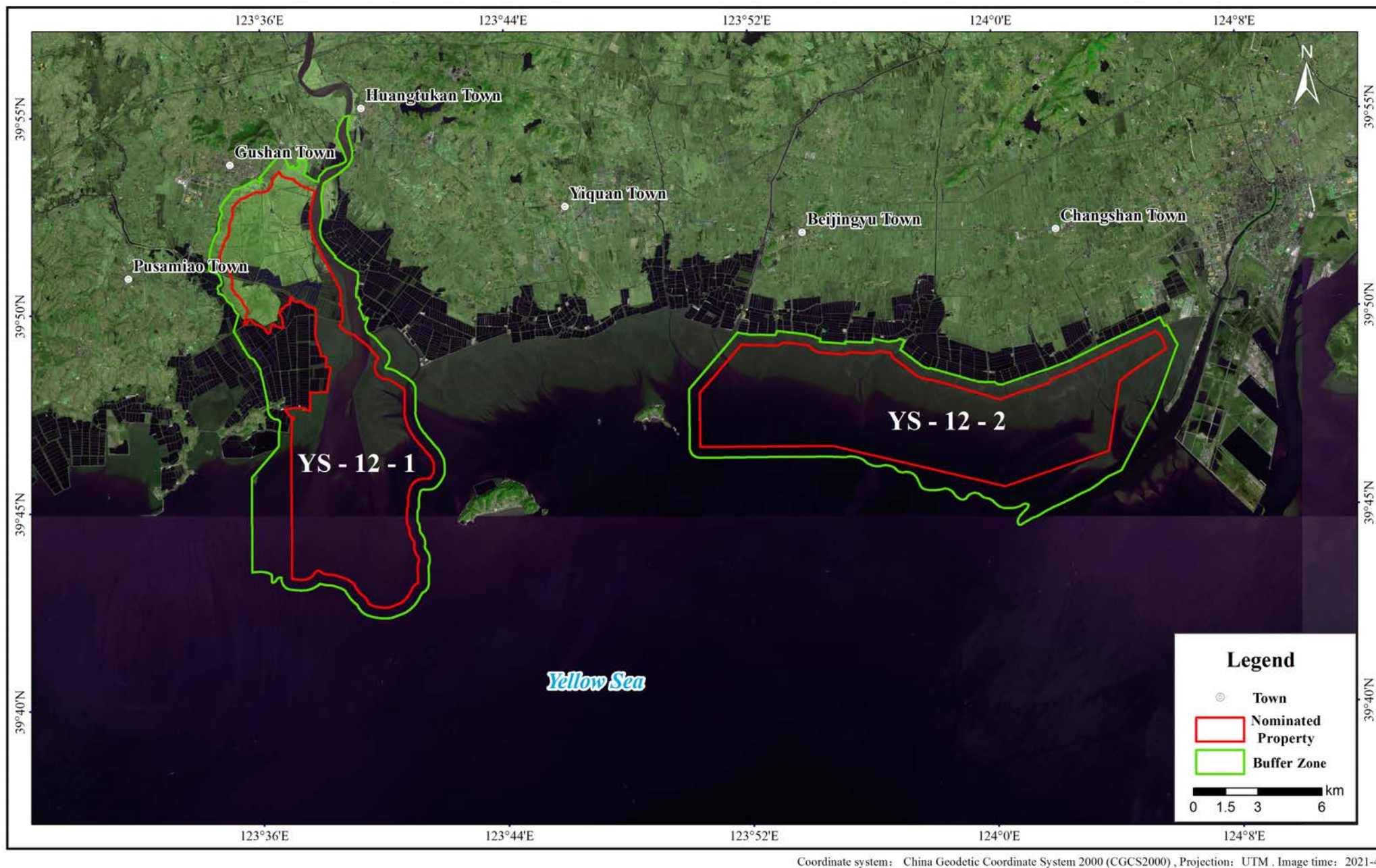
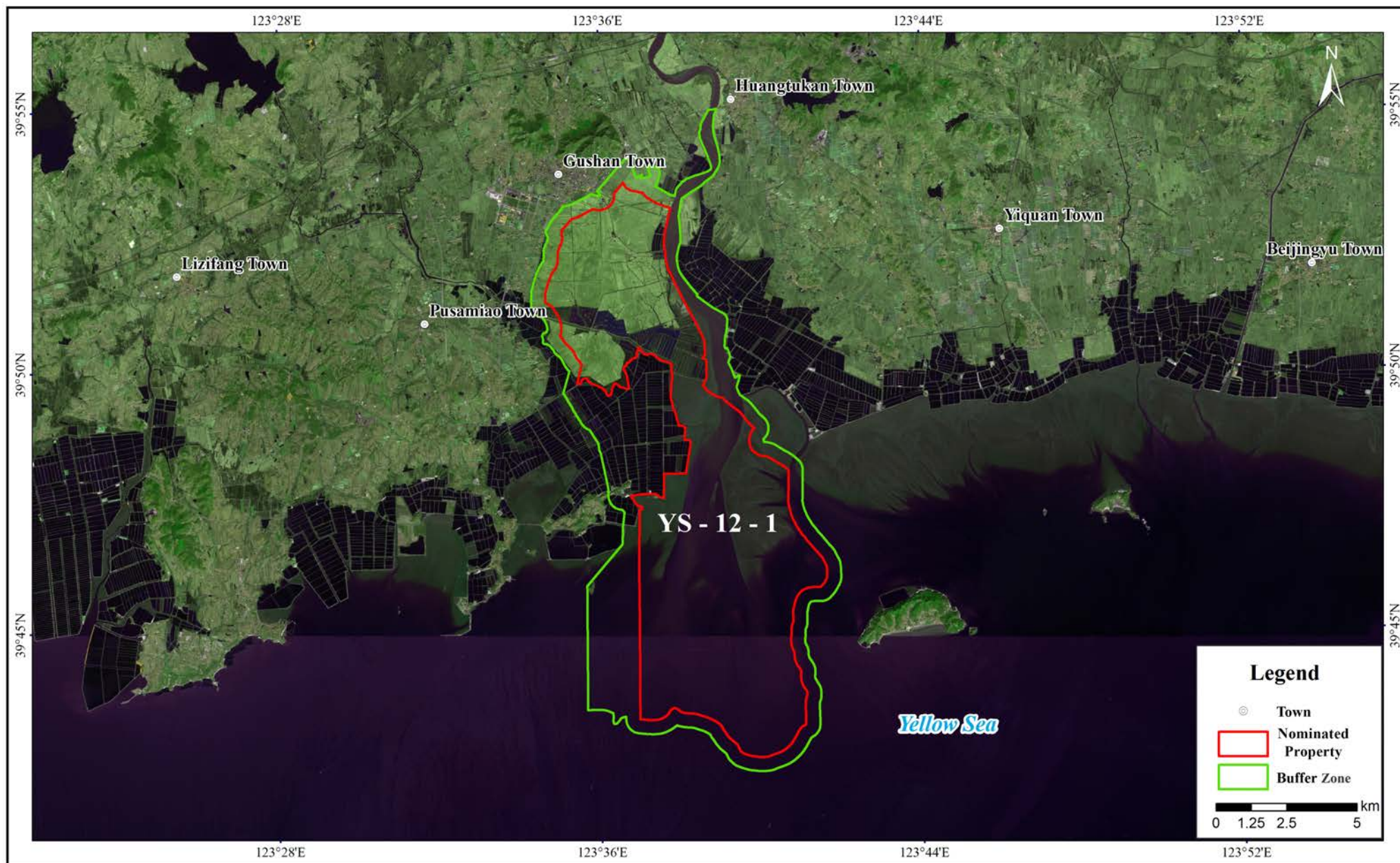
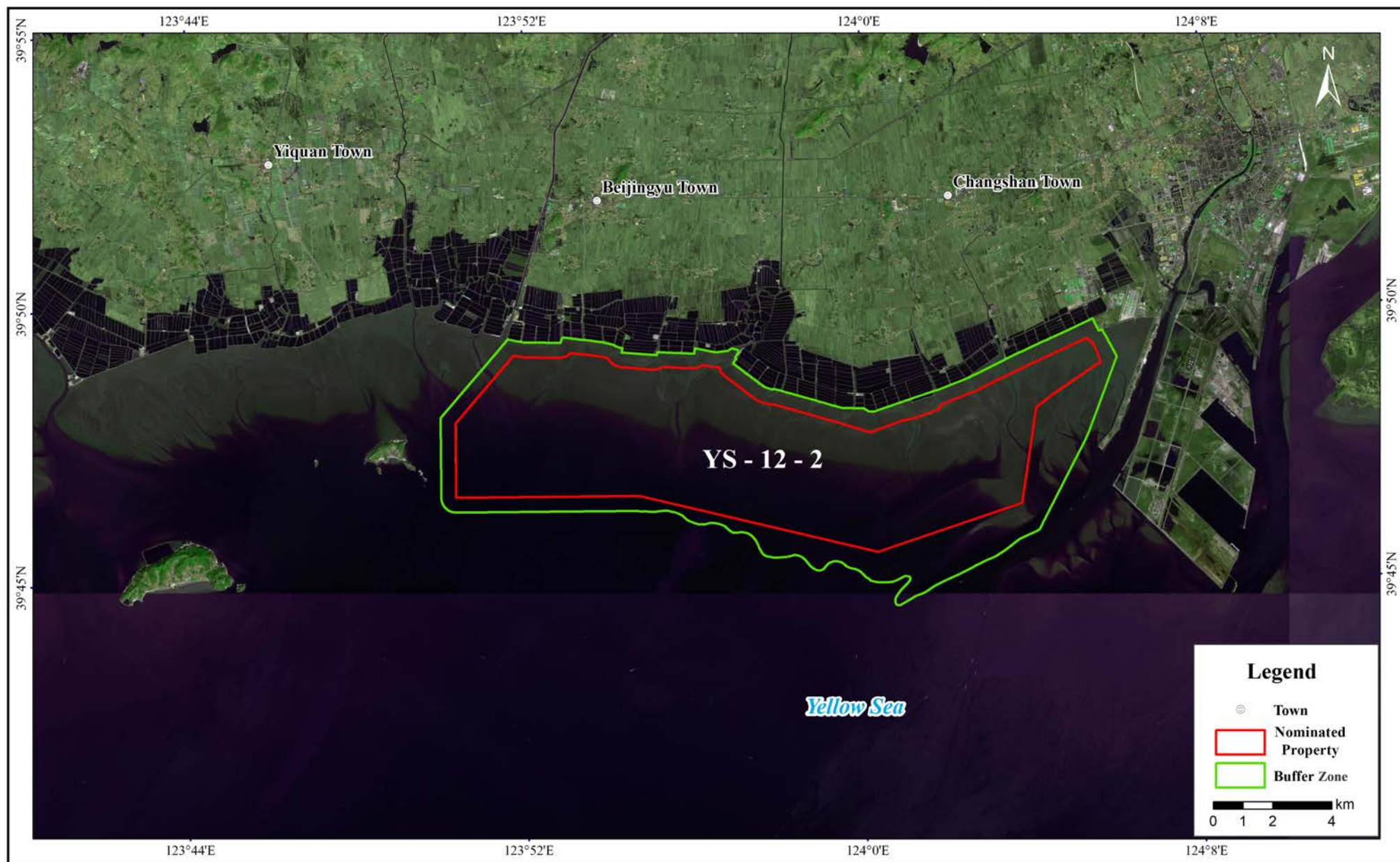


Figure 28 Map Showing Relationship of Two Components of Migratory Bird Habitat at Yalujiang Estuary, Dandong, Liaoning Province (YS-12) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM. Image time: 2021-4

Figure 29 Detailed Map of Dayang River (YS-12-1) of YS-12 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM. Image time: 2021-4

Figure 30 Detailed Map of Erdaogou (YS-12-2) of YS-12 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

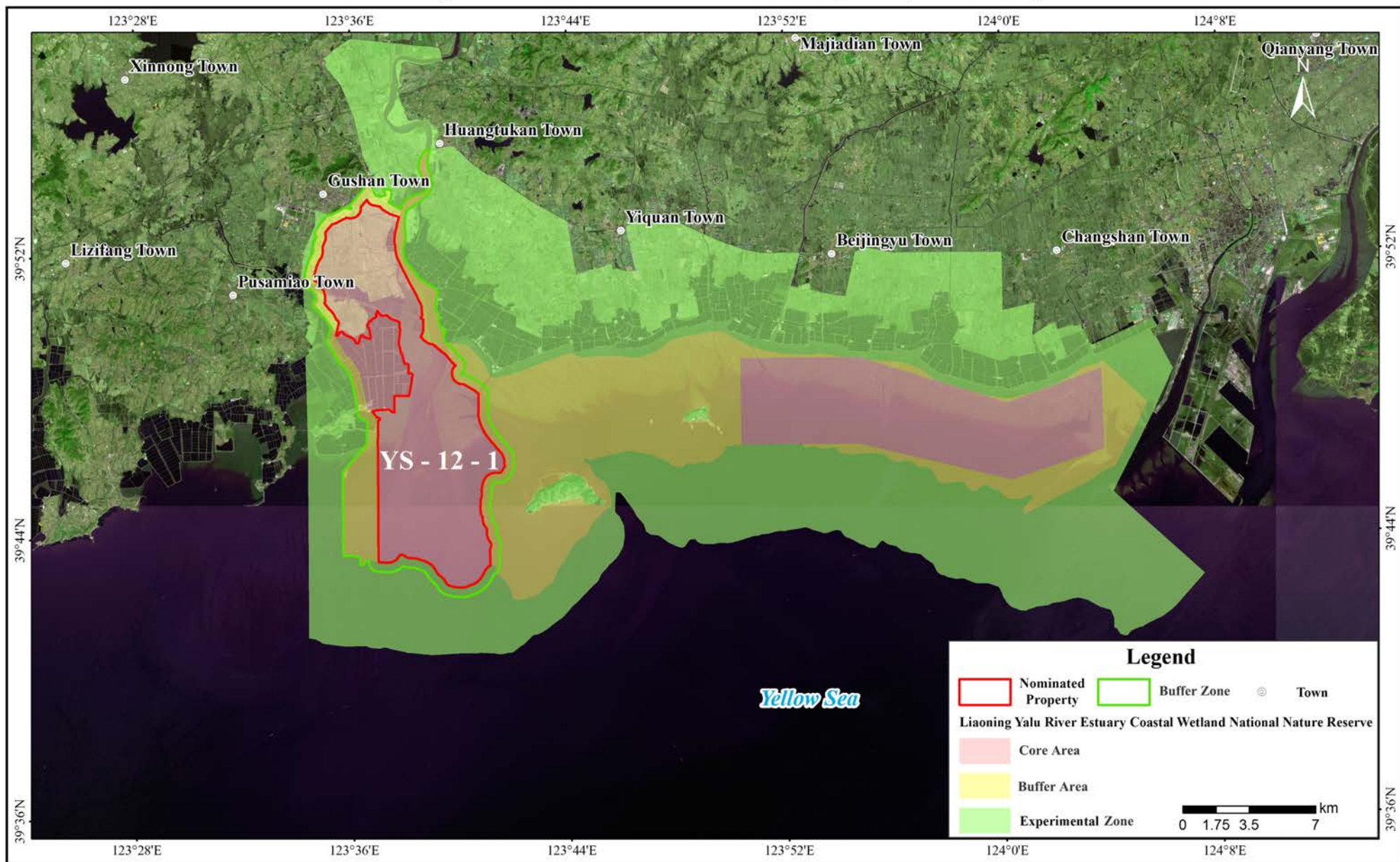


Figure 31 Map Showing Relationship of Dayang River (YS-12-1) of YS-12 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

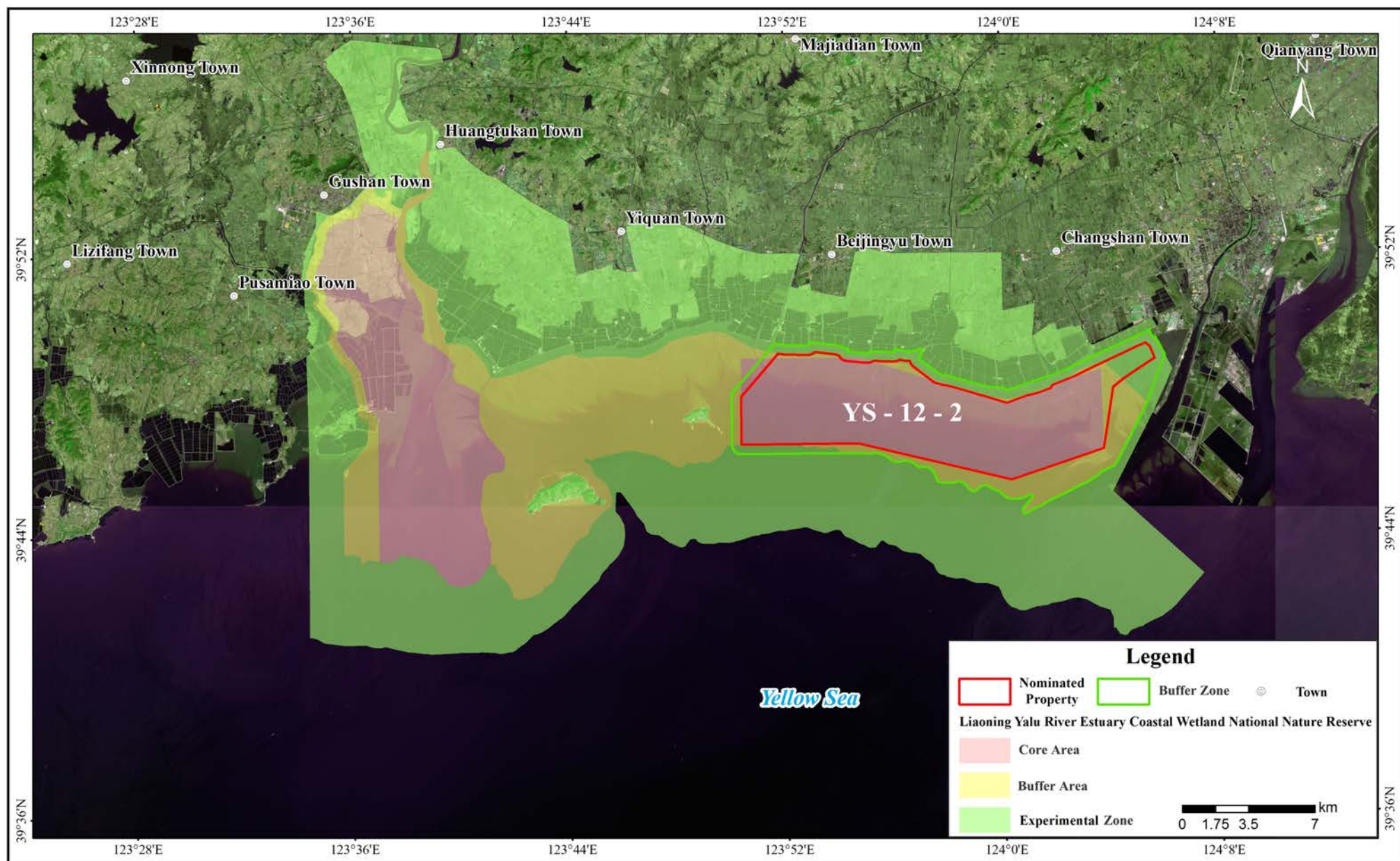


Figure 32 Map Showing Relationship of Erdaogou (YS-12-2) of YS-12 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

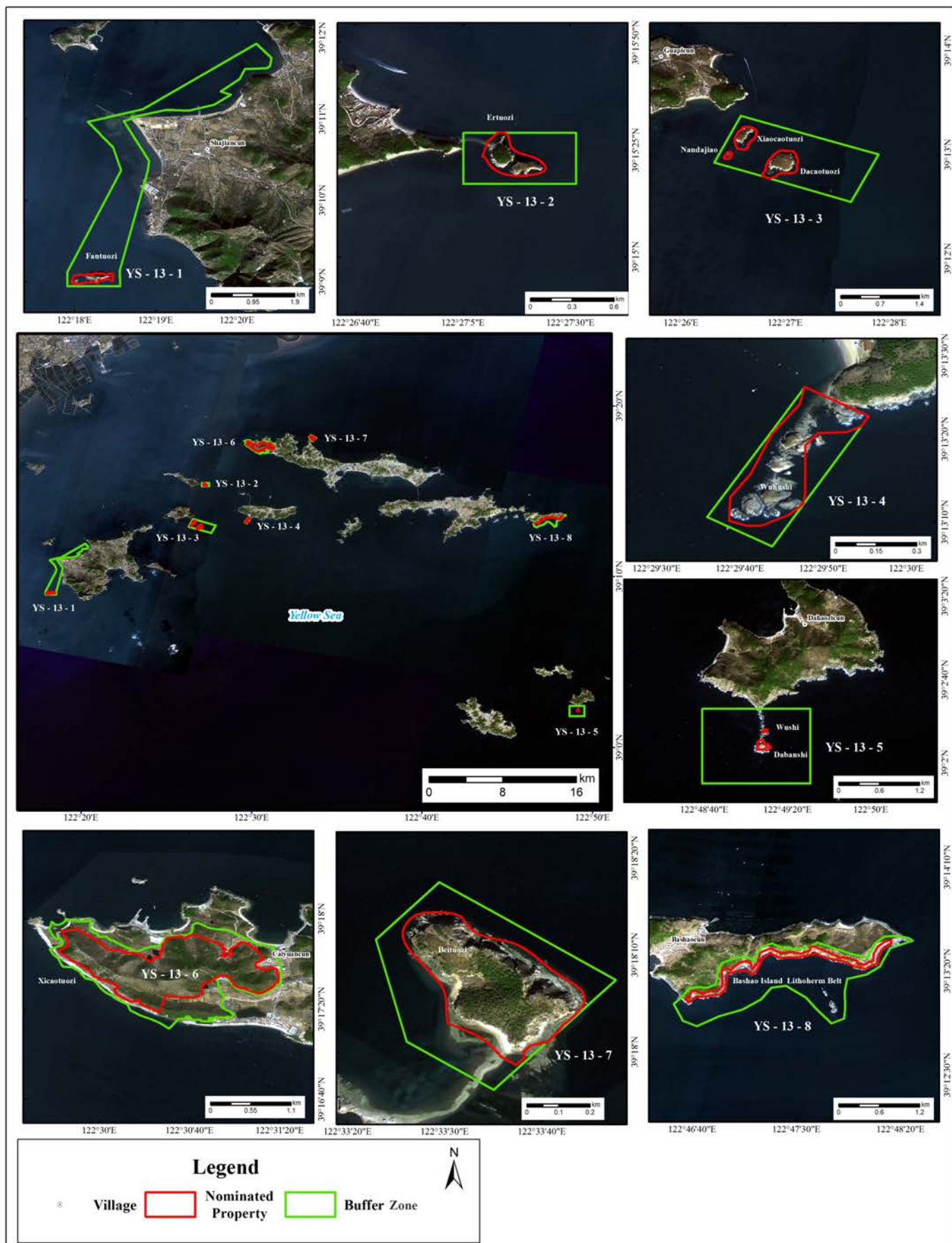
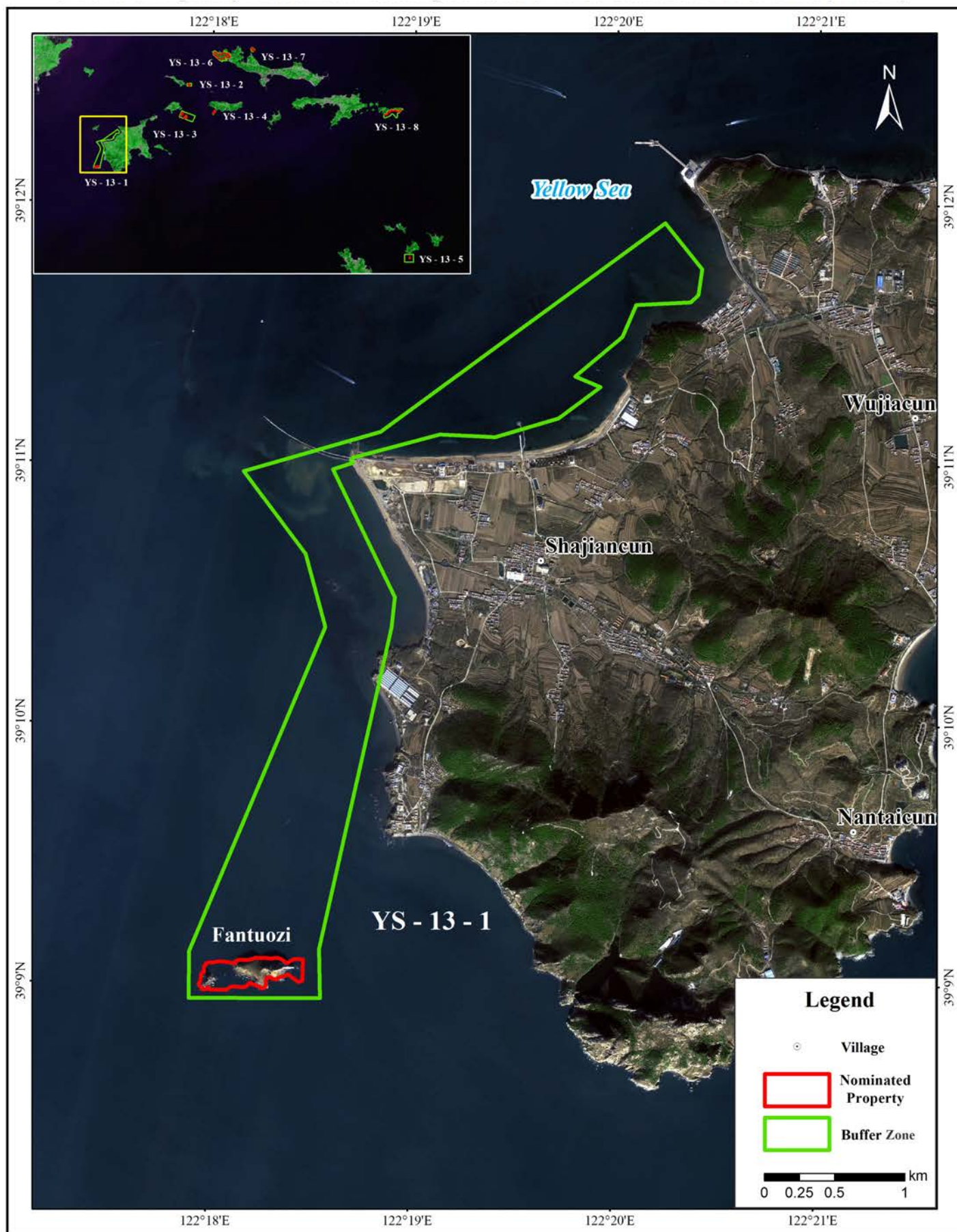
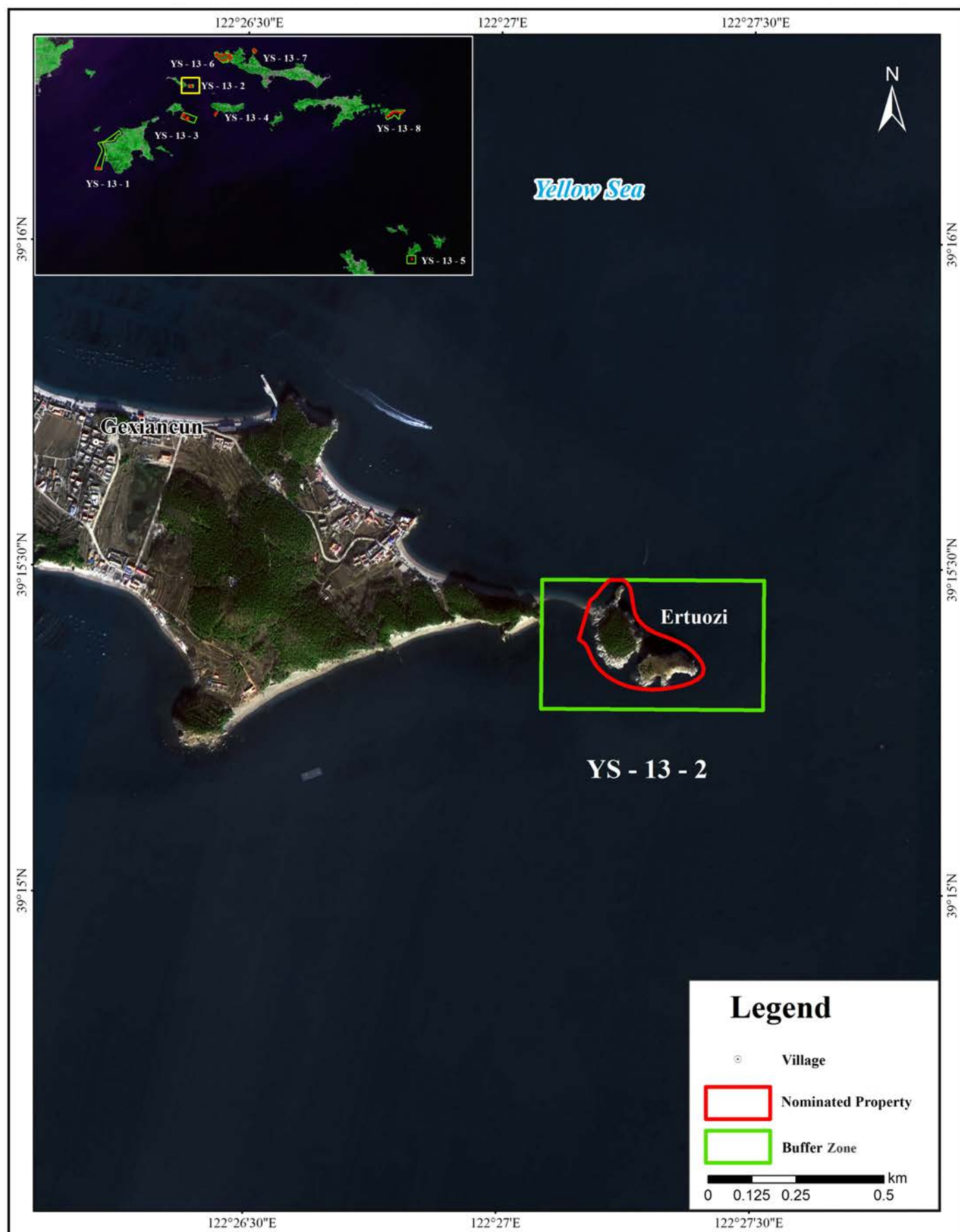


Figure 33 Map Showing Relationship of Eight Components of Migratory Bird Habitat at Changshan Archipelago, Dalian, Liaoning Province (YS-13) of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM. Image time: 2020-12

Figure 34 Detailed Map of Guanglu Island Fantuozi Islet (YS-13-1) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM. Image time: 2020-12

Figure 35 Detailed Map of Ertuozi Islet of Gexian Island (YS-13-2) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

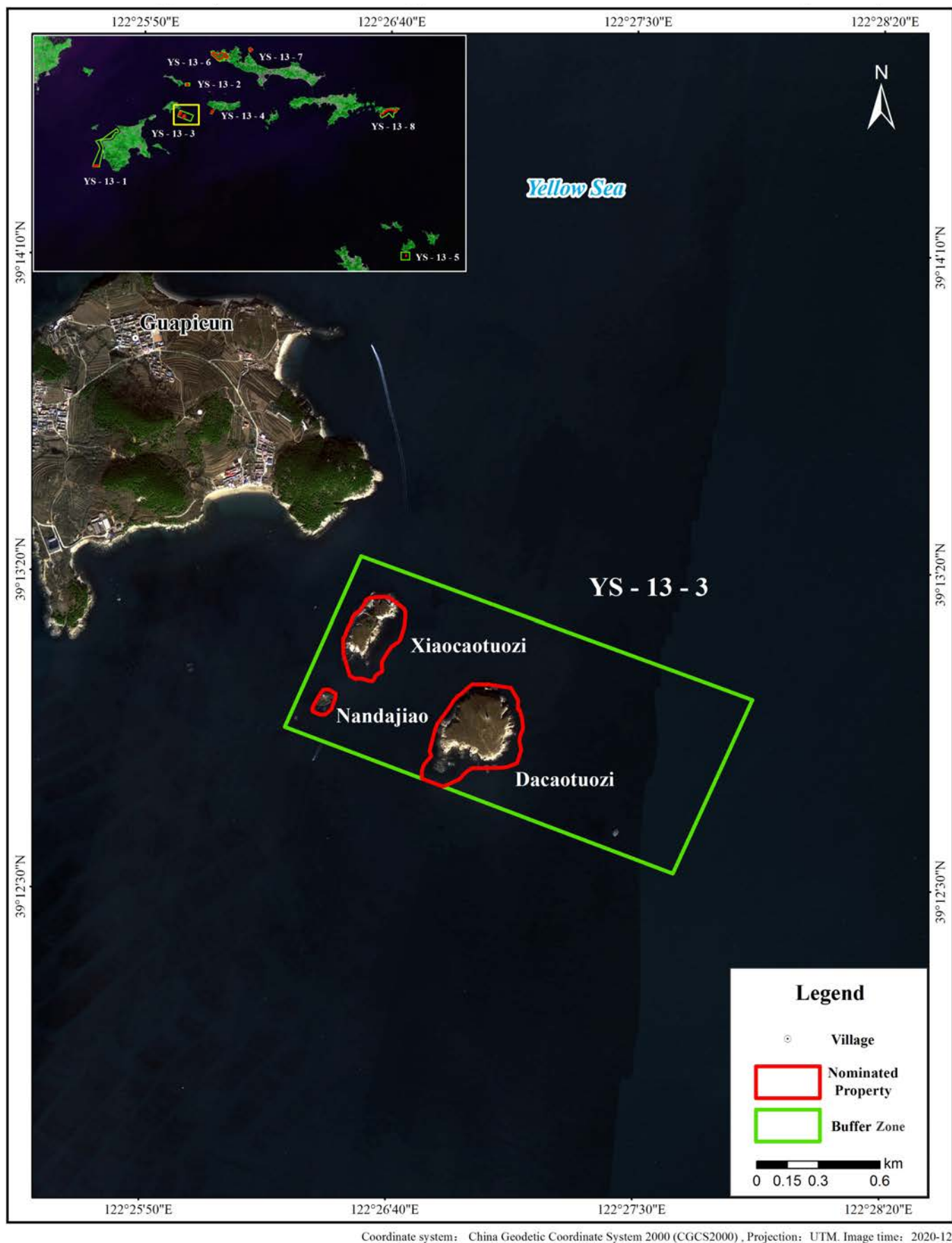


Figure 36 Detailed Map of Daccaotuozi of Daccaotuozi, Xiaocaotuozi and Nandajiao of Guapi Island (YS-13-3) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

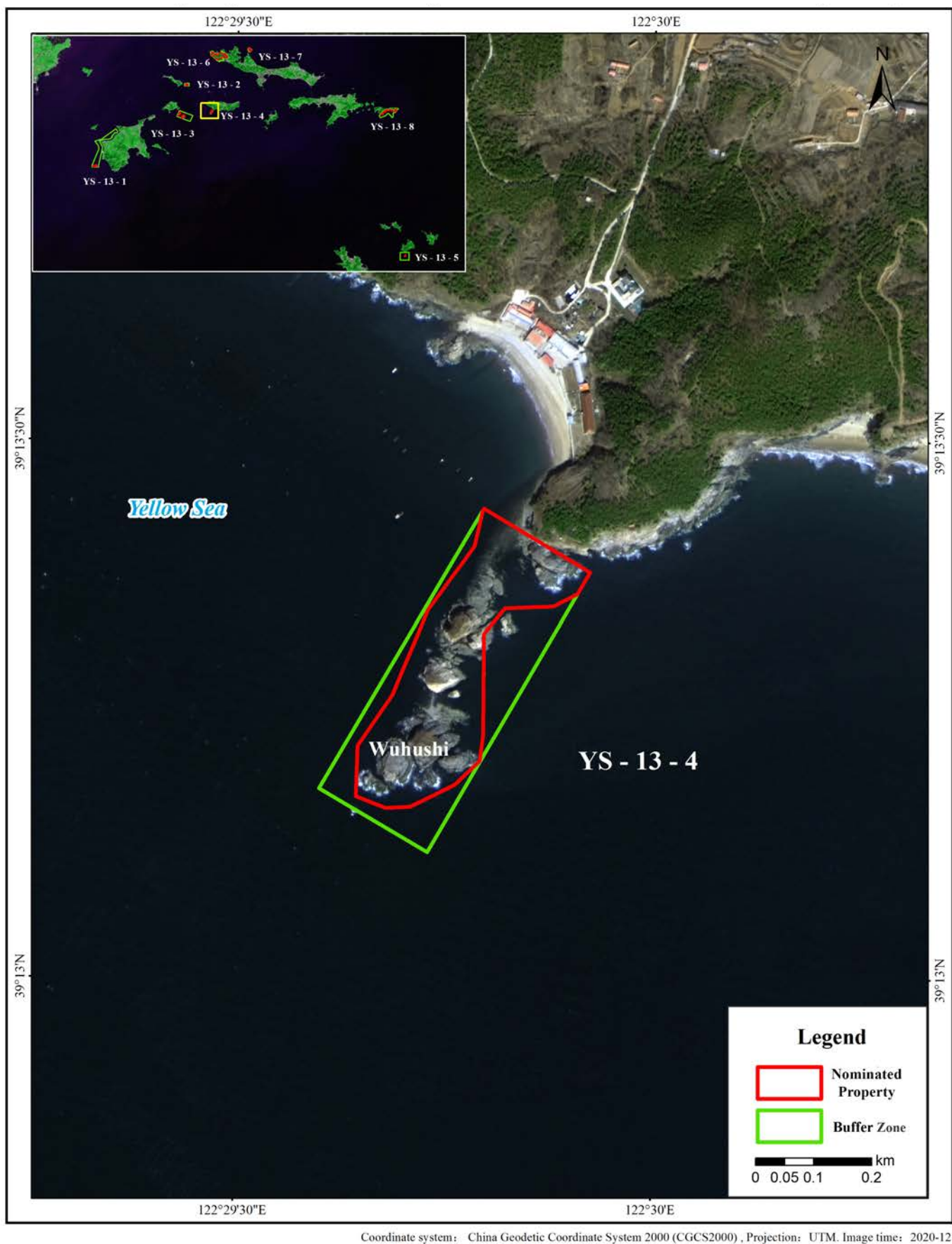


Figure 37 Detailed Map of Wuhushi of Haxian Island (YS-13-4) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

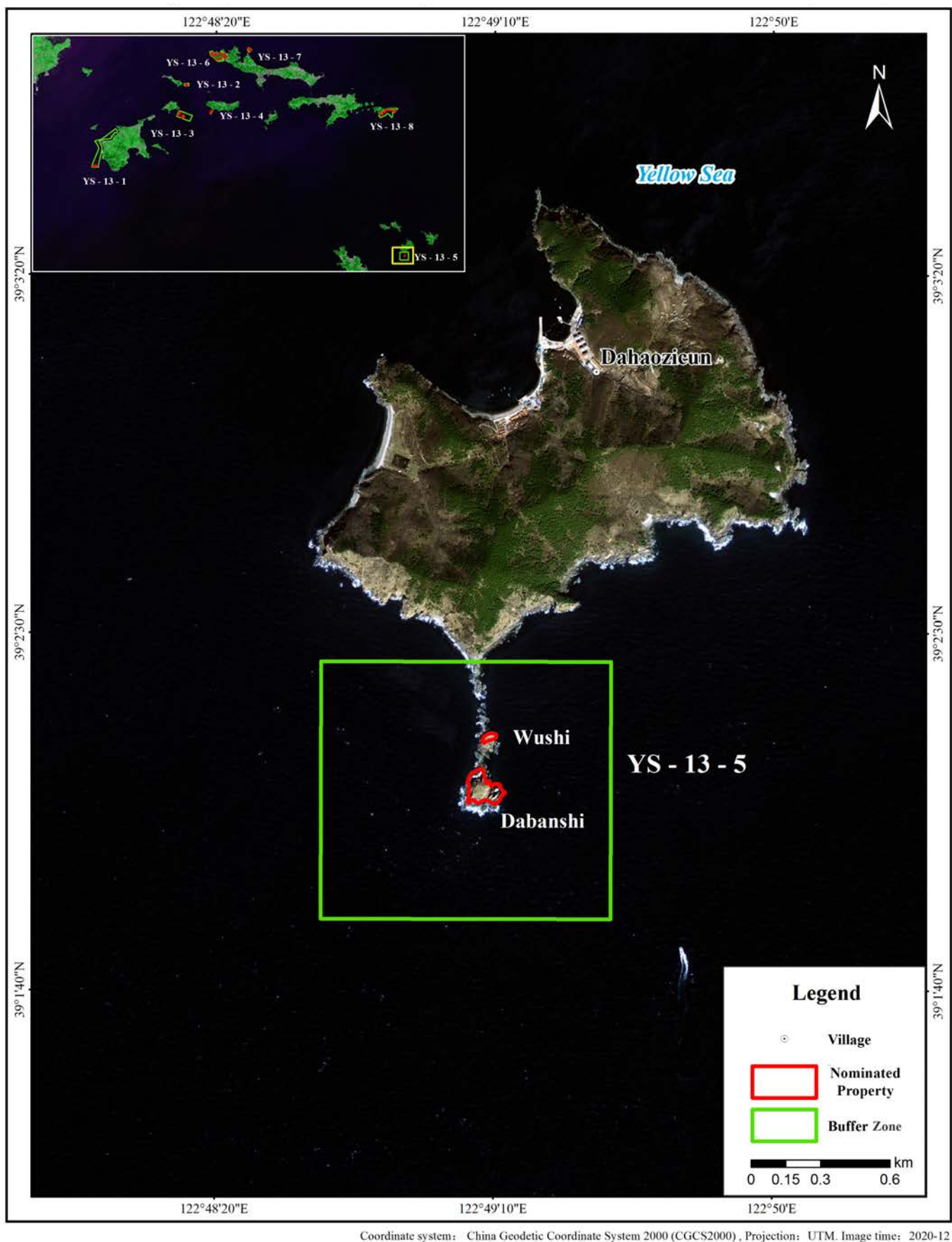


Figure 38 Detailed Map of Wushi and Dabanshi of Dahaozi Island (YS-13-5) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

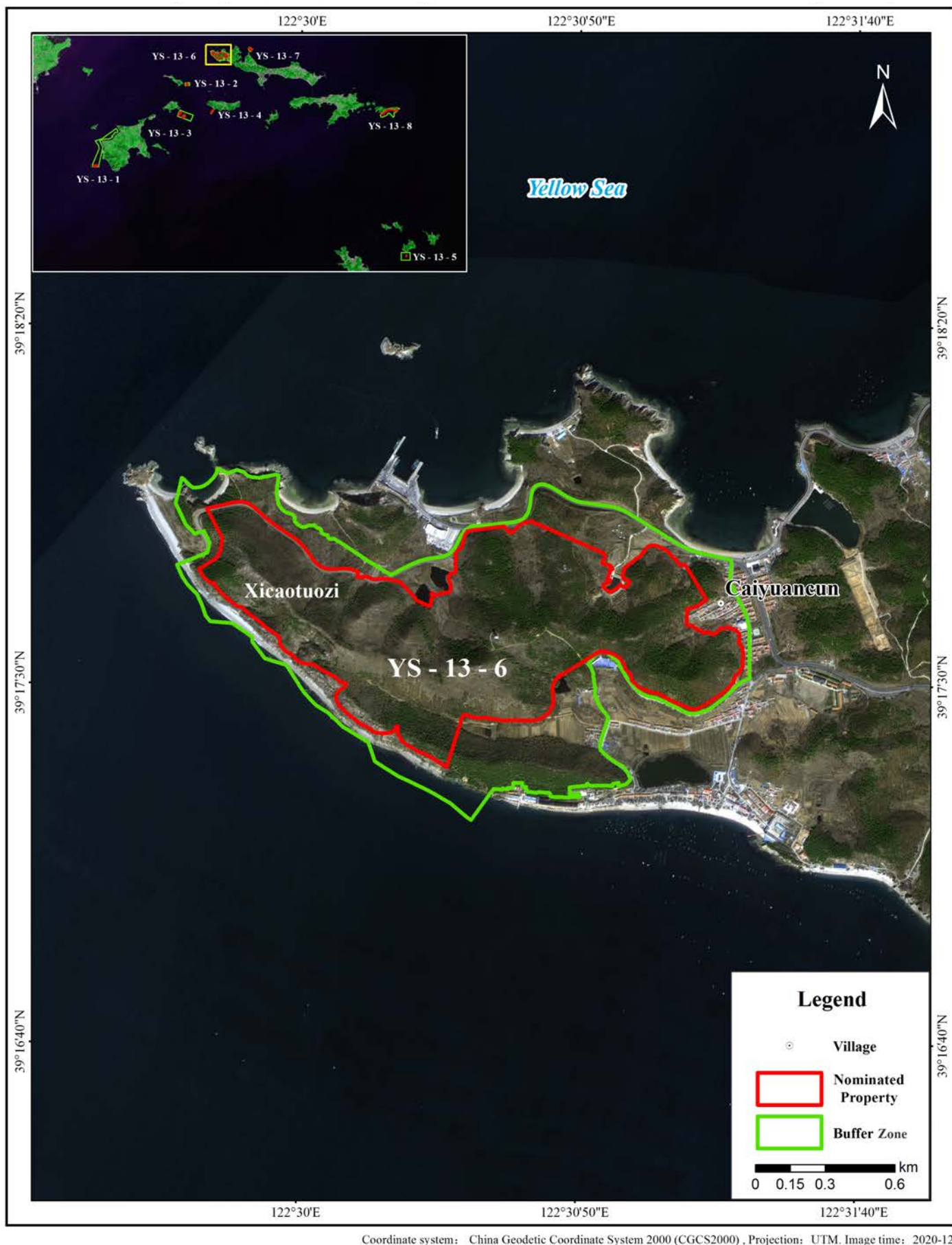


Figure 39 Detailed Map of Xicaotuozi of Dachangshan Island (YS-13-6) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

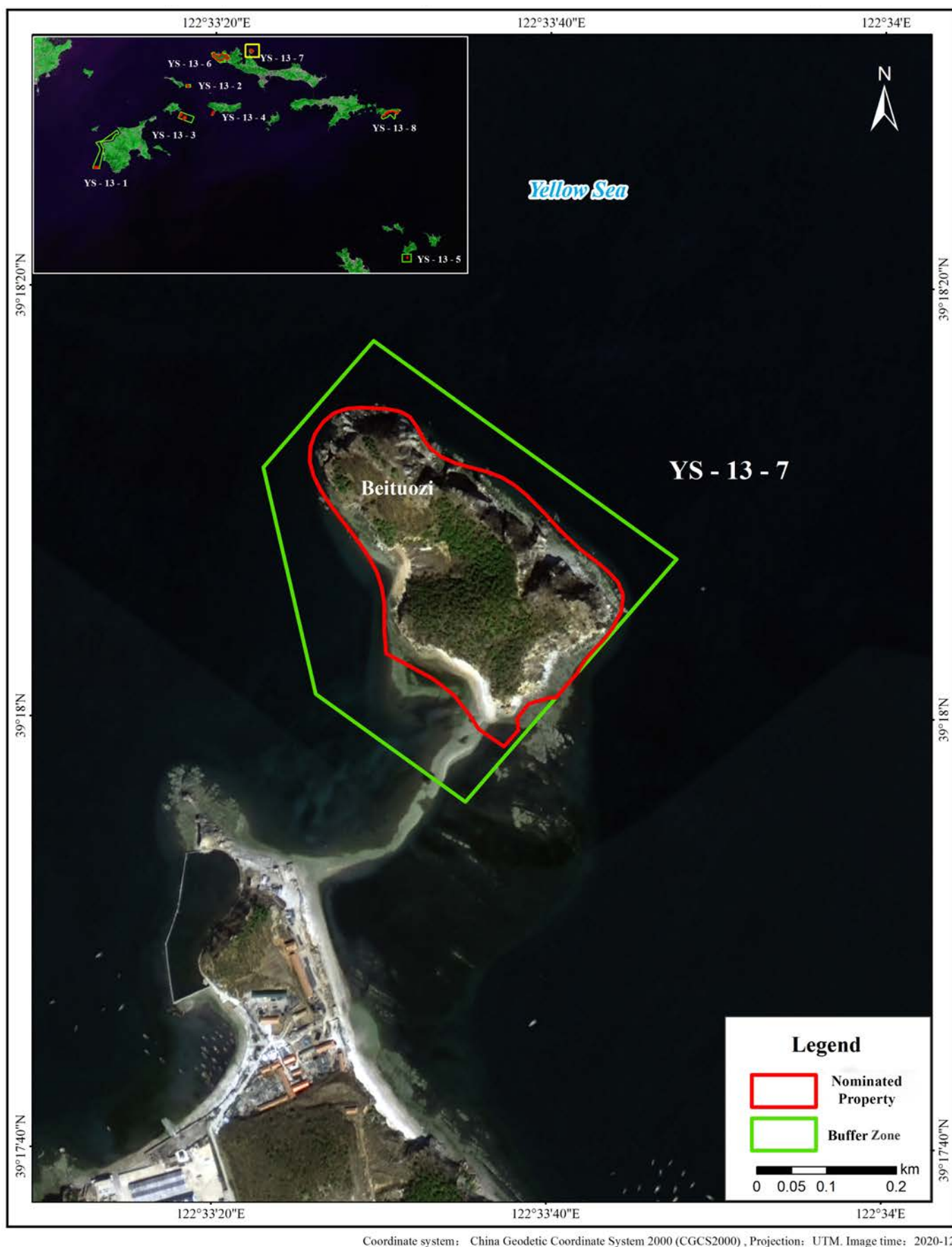


Figure 40 Detailed Map of Beituozi Islet of Dachangshan Island (YS-13-7) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)

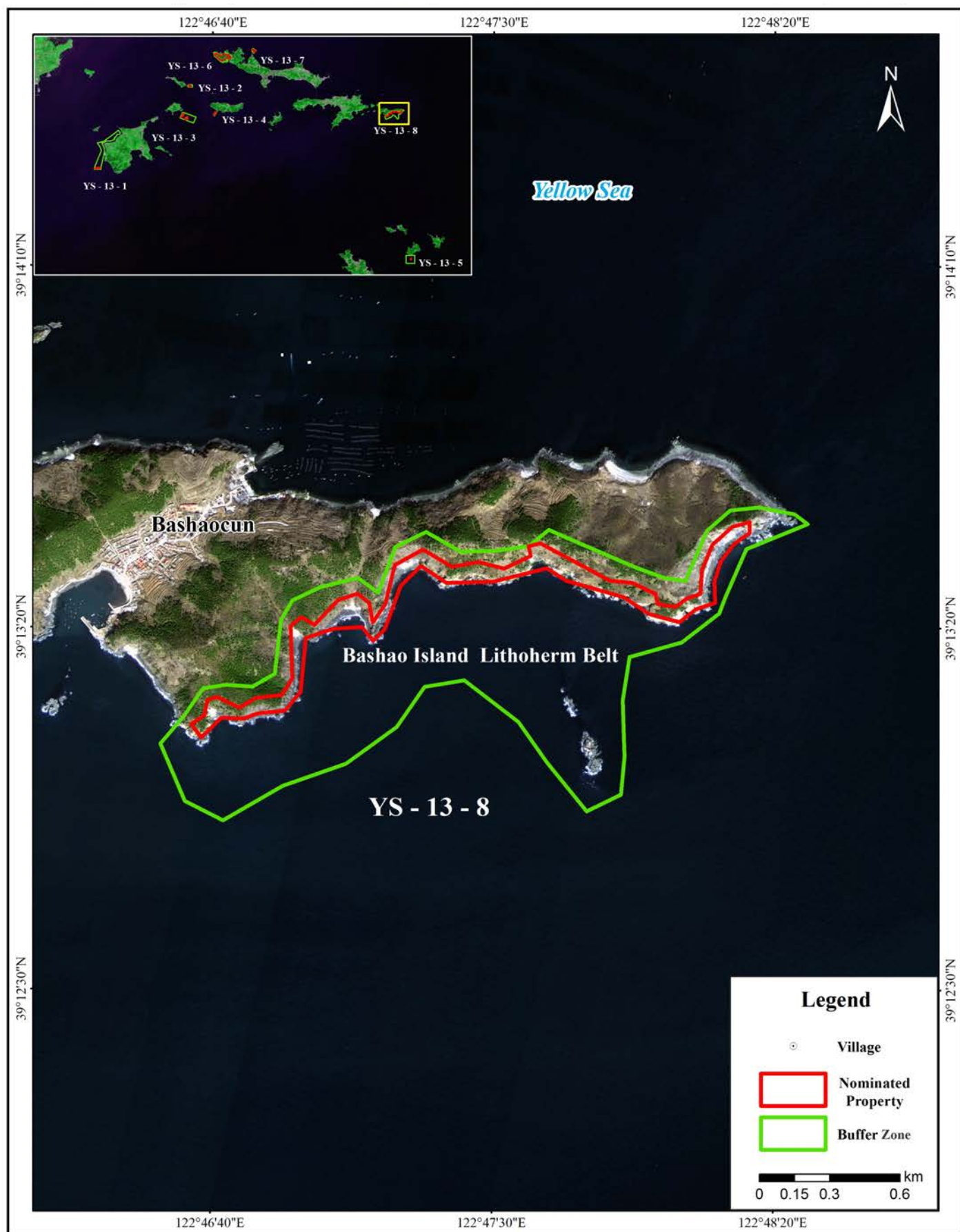
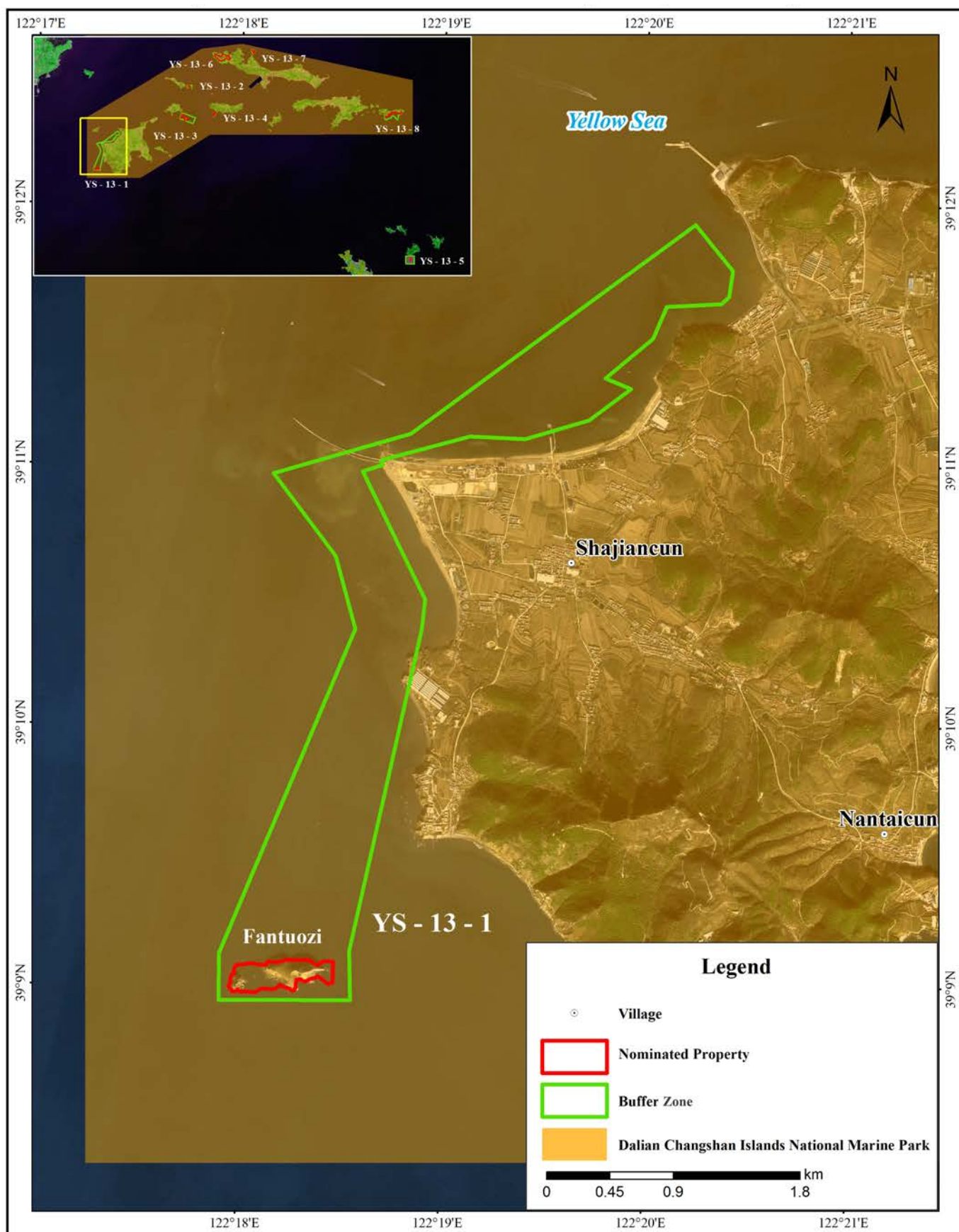


Figure 41 Detailed Map of Bashao Island Lithoherm Belt (YS-13-8) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)



Coordinate system: China Geodetic Coordinate System 2000 (CGCS2000), Projection: UTM, Image time: 2020-12

Figure 42 Map Showing Relationship of Guanglu Island Fantuozi Islet (YS-13-1) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

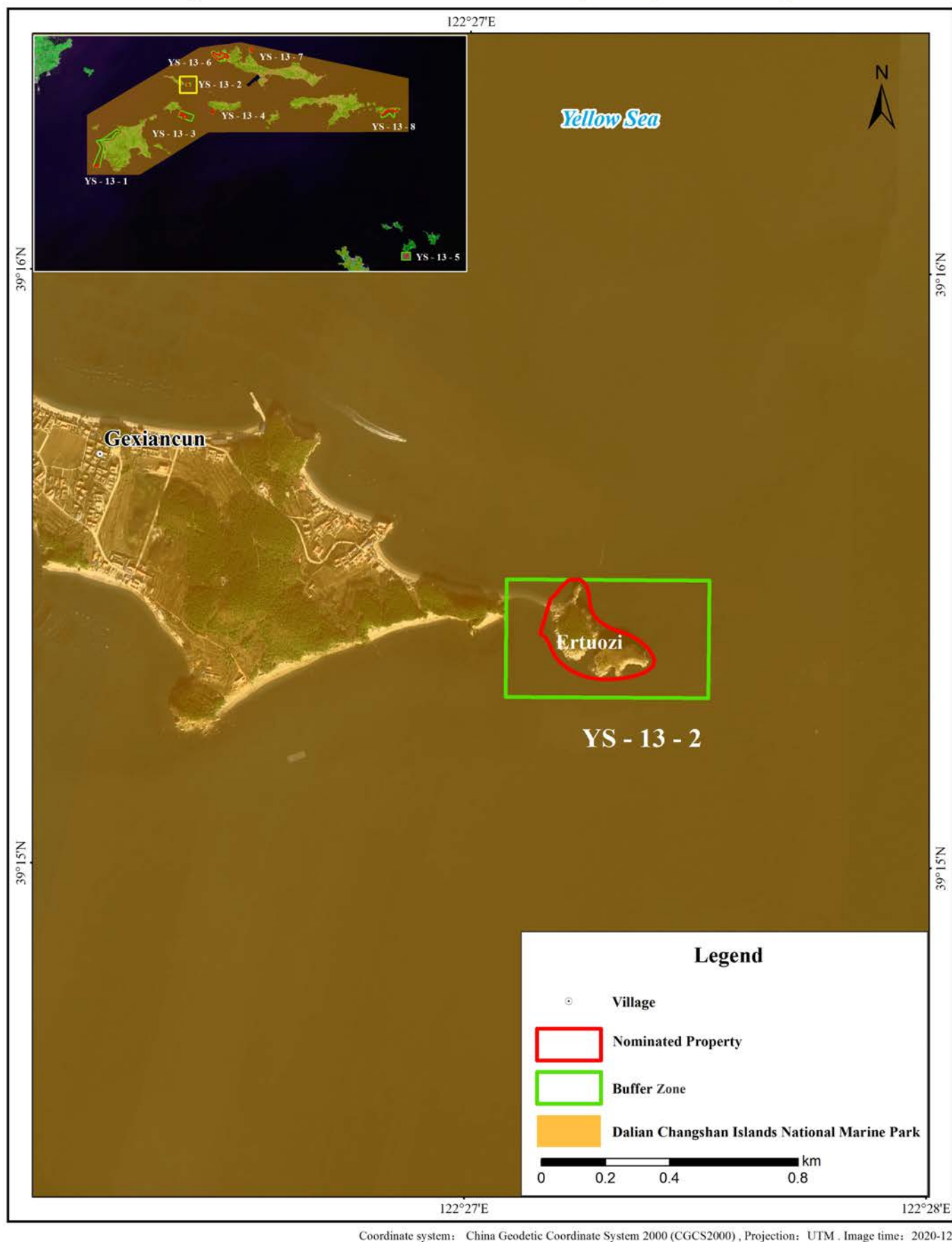


Figure 43 Map Showing Relationship of Ertuozi Islet of Gexian Island (YS-13-2) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

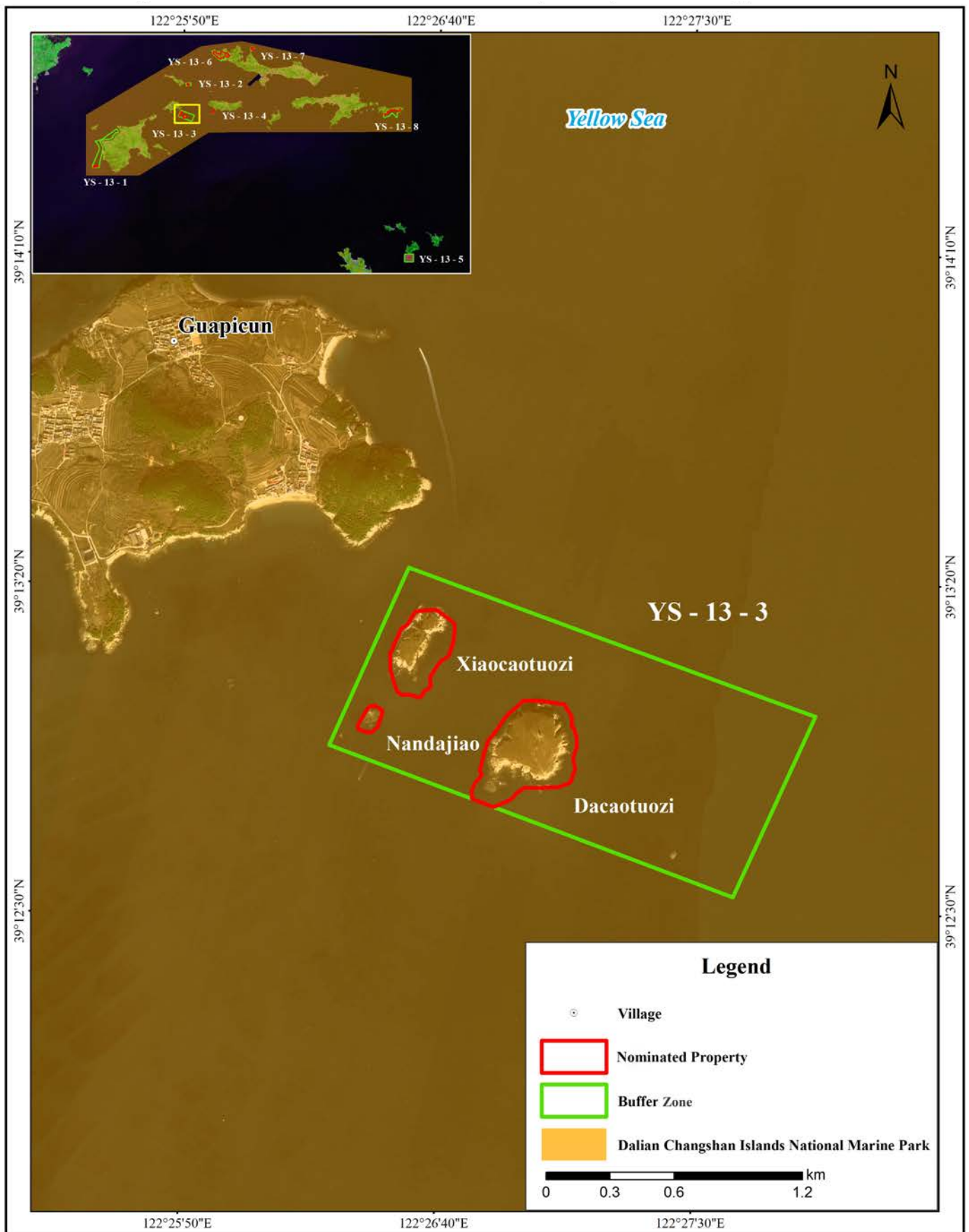


Figure 44 Map Showing Relationship of Dacao tuozi of Dacao tuozi, Xiaocao tuozi and Nandajiao of Guapi Island (YS-13-3) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

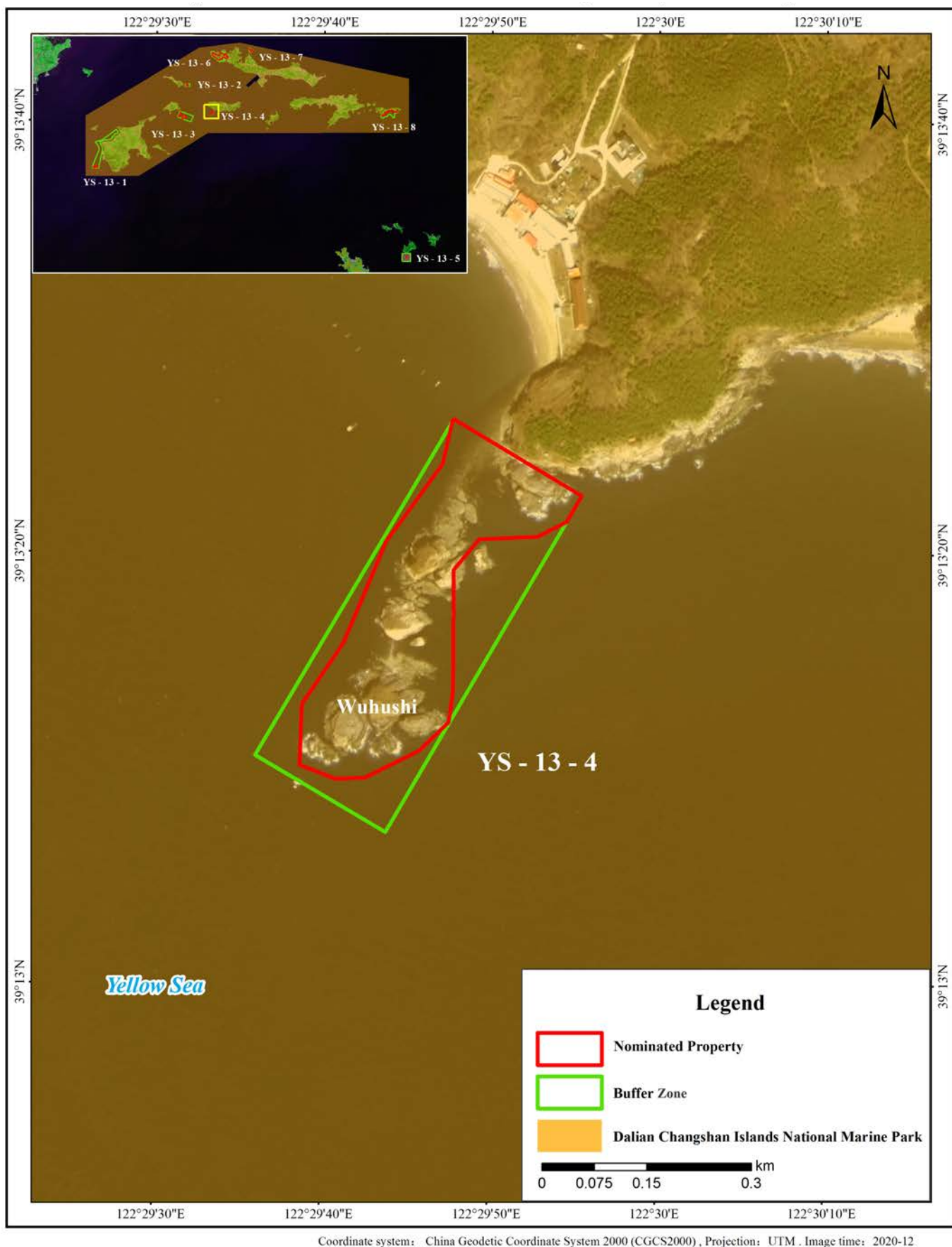


Figure 45 Map Showing Relationship of Wuhushi of Haxian Island (YS-13-4) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

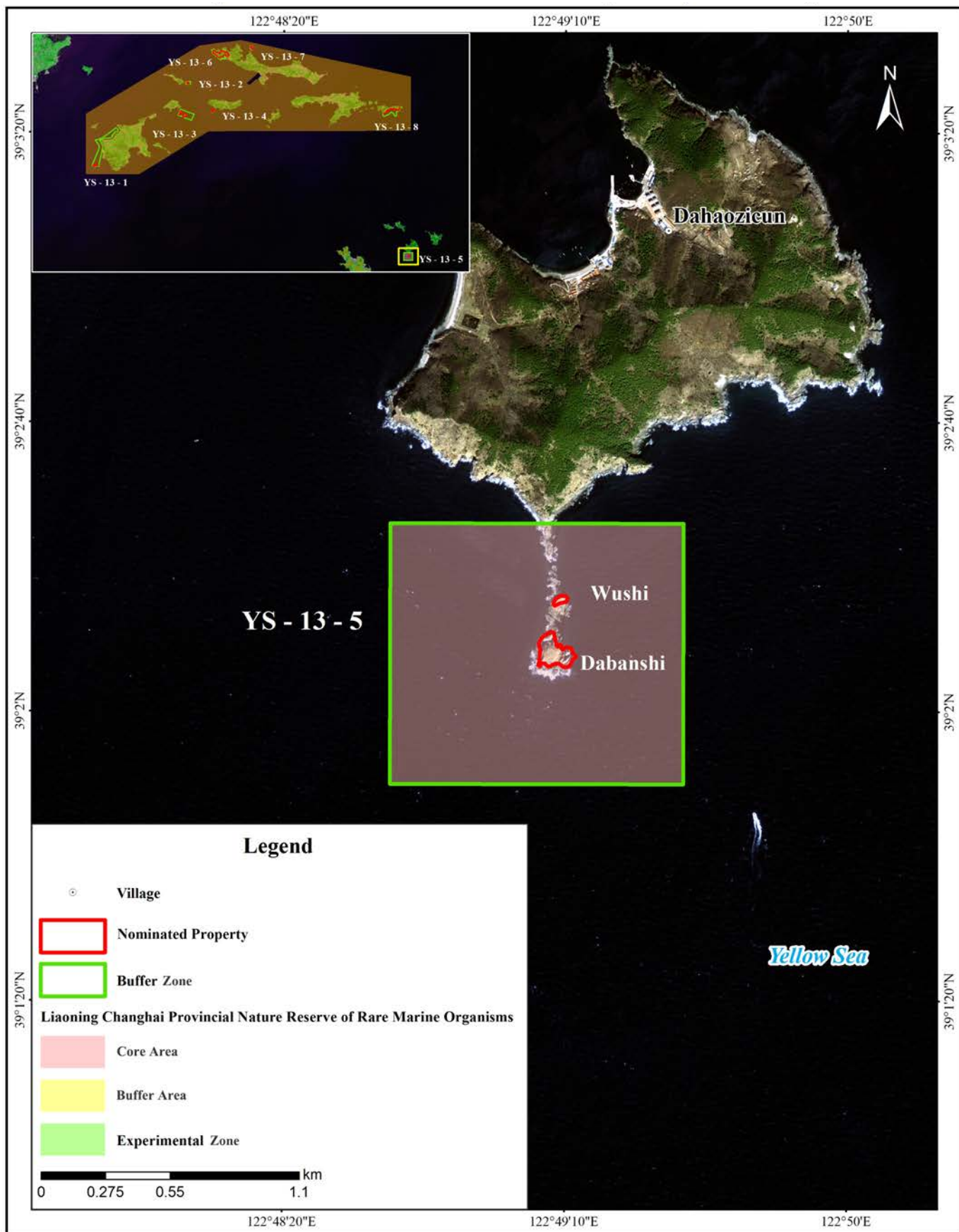


Figure 46 Map Showing Relationship of Wushi and Dabanshi of Dahaozi Island (YS-13-5) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

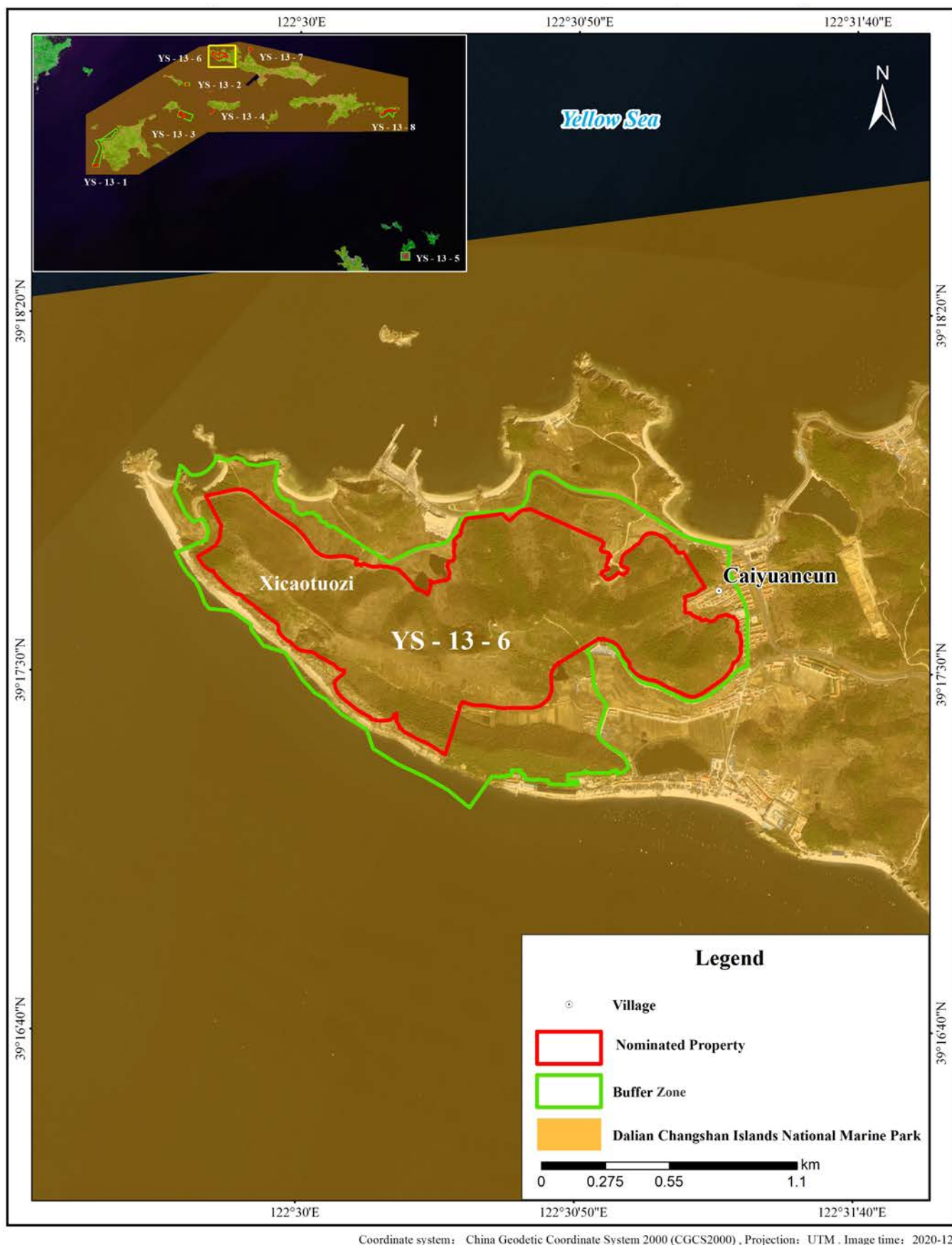


Figure 47 Map Showing Relationship of Xicaotuozi of Dachangshan Island (YS-13-6) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

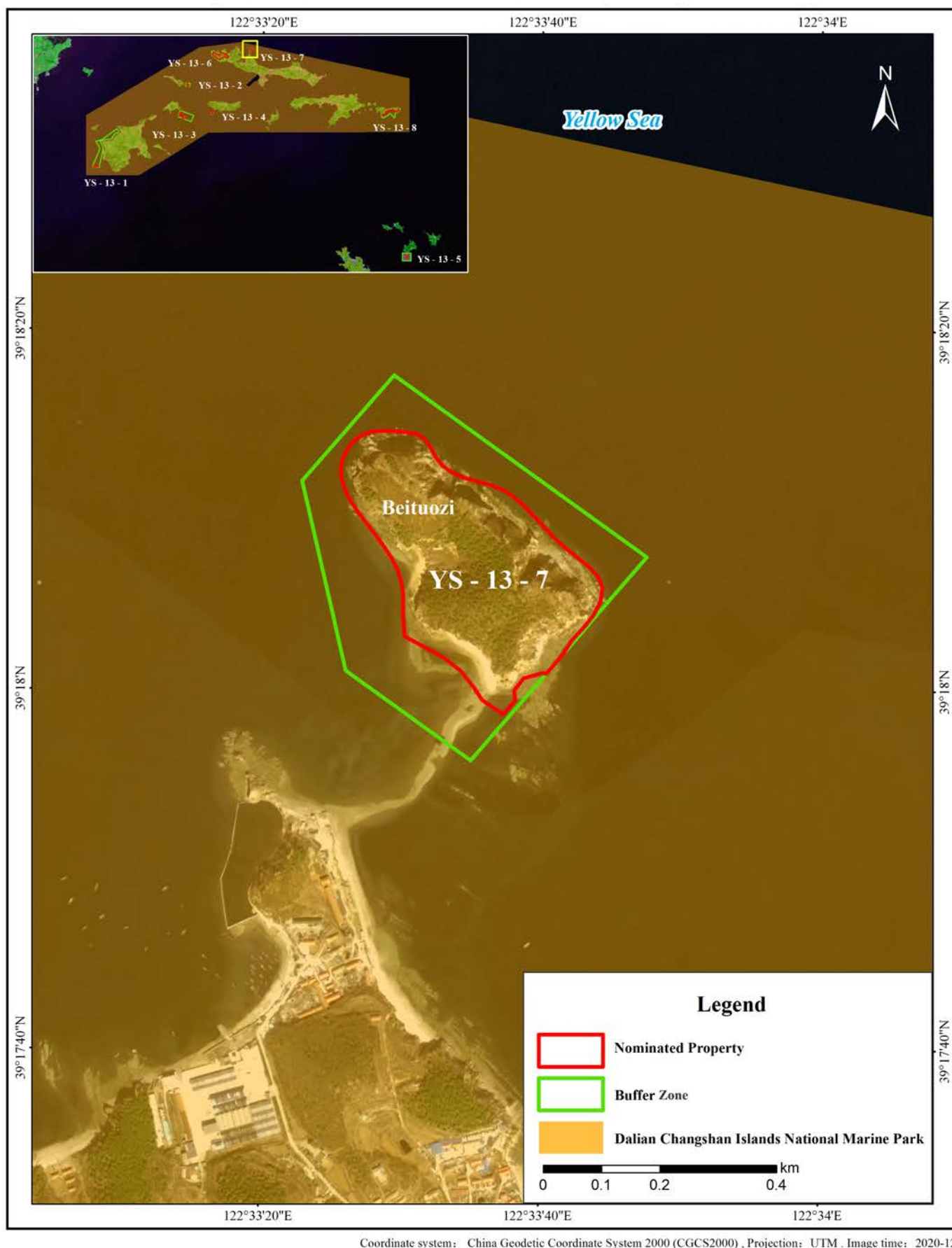


Figure 48 Map Showing Relationship of Beituozi Islet of Dachangshan Island (YS-13-7) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas

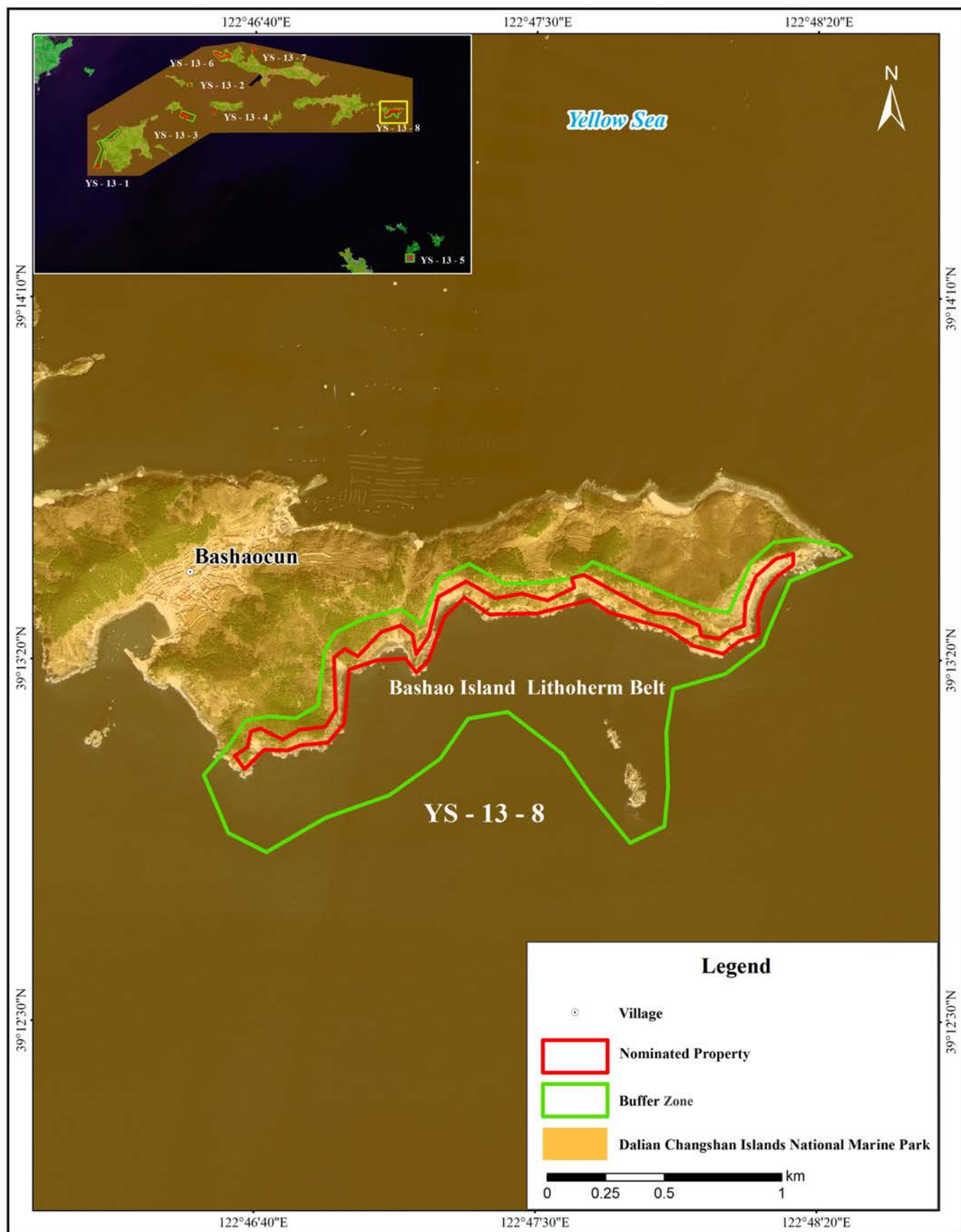


Figure 49 Map Showing Relationship of Bashao Island Lithoherm Belt (YS-13-8) of YS-13 of Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II) to the Existing Protected Areas