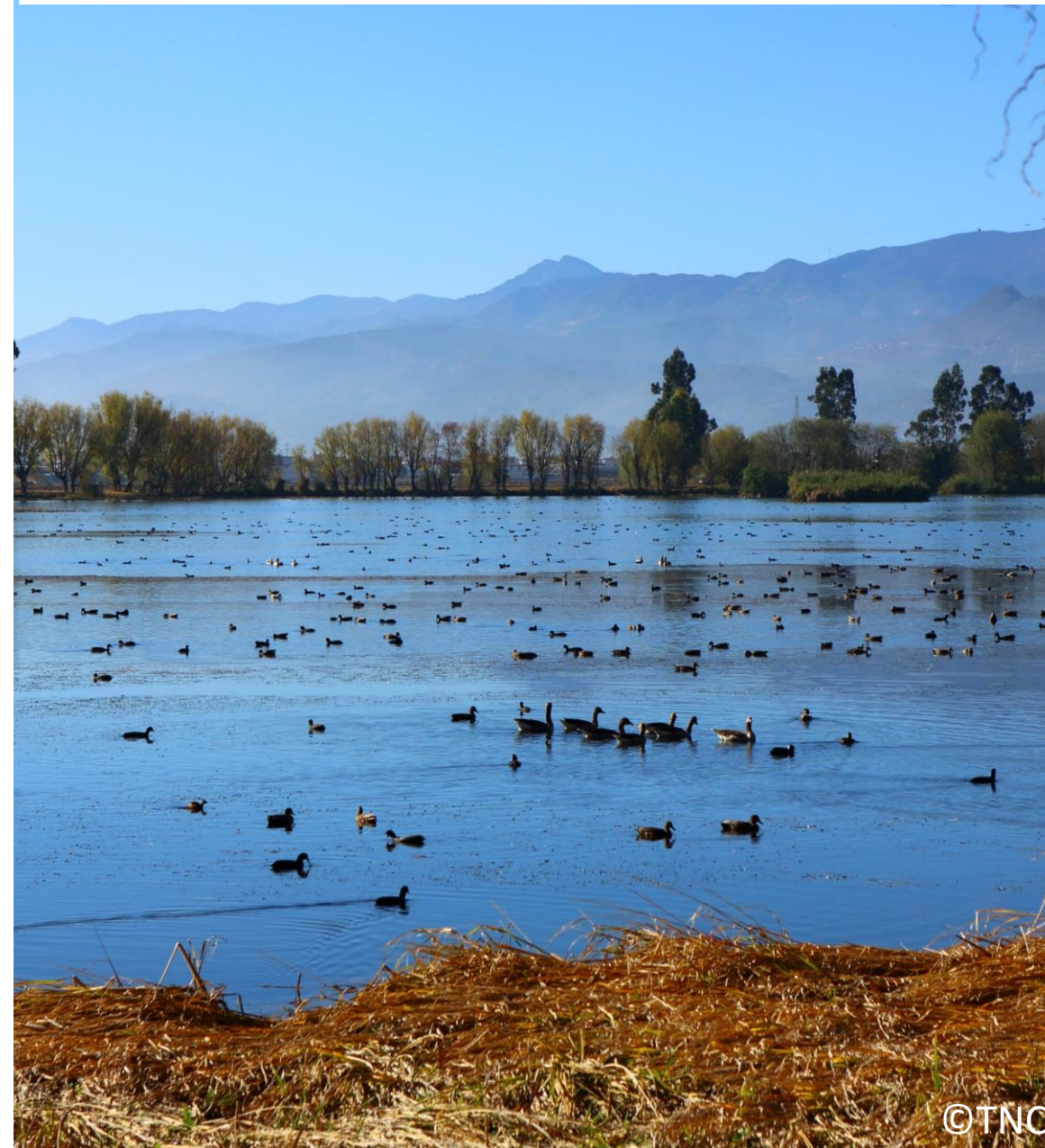


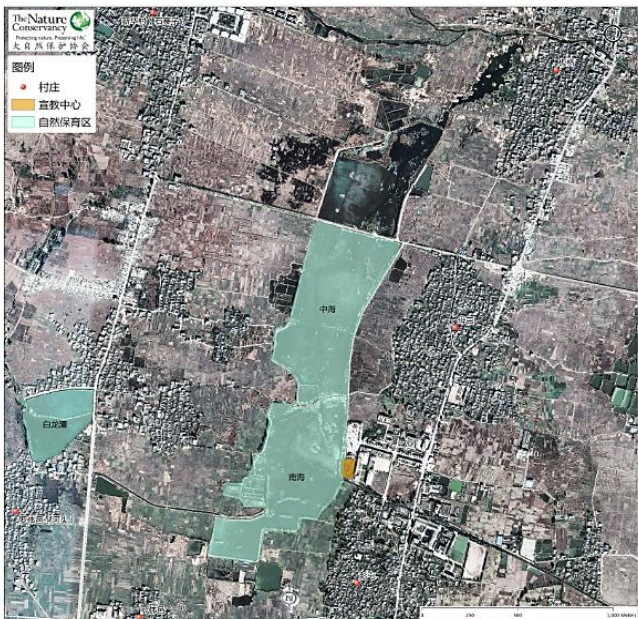
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The Nature Conservancy program on wetlands in the China

Key Messages:

- ❖ from capacity building (CPALAP) to site and science-based conservation
- ❖ Land Trust Conservation: Civil Society Engagement
- ❖ 3 types: alpine wetland(2014-2017), seashore/estuary wetland(2015-2018), Inland secondary estuarine wetland(2018-)
- ❖ Intensive management for wetlands
- ❖ Public engagement and education



- ❖ Heqing Nature Conservation Center and rangers from community
- ❖ Patrolling: trash\tourism management; community outreach
- ❖ Monitoring based on baseline survey and CAP: hydrology, water quality, water level, bird population, migratory birds tracking
- ❖ Nature Education: outsiders and locals



We tracked:

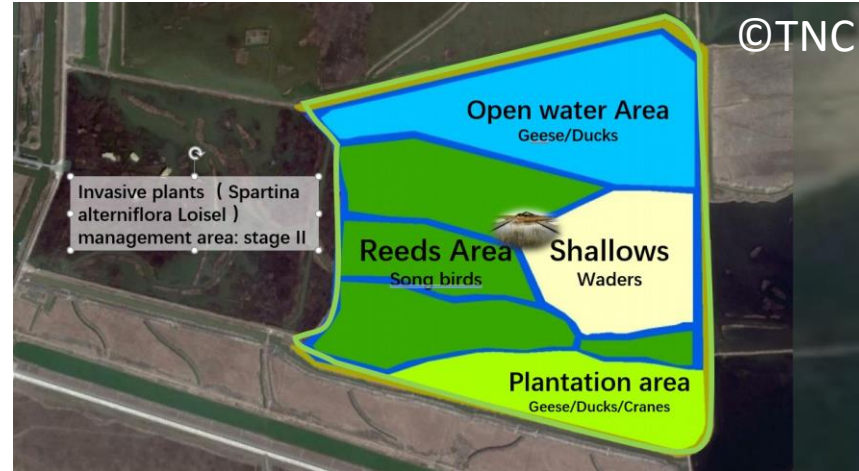
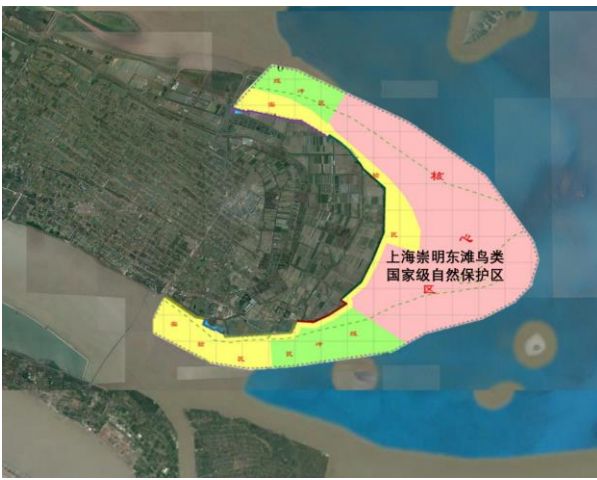
- ✓ Bar-headed Goose
- ✓ Ruddy Shelduck
- ✓ Greylag Goose
- ✓ Great Cormorant

Alpine Wetland: (2014-2017) Yunnan Heqing Grassy Wetland nature Reserve Land Trust Reserve Project



No.	Species	Latin Name	Common Name	North Lake	Middle Lake	South Lake	Total
序号	种类	拉丁名	英文名	北海	中海	南海	小计
1	灰雁	<i>Anser anser</i>	Graylag Goose	26	15	283	324
2	斑头雁	<i>Anser indicus</i>	Bar-headed Goose				
3	赤麻鸭	<i>Tadorna ferruginea</i>	Ruddy Shelduck	91	1	60	152
4	赤膀鸭	<i>Anas strepera</i>	Gadwall	173	36	289	498
5	绿头鸭	<i>Anas platyrhynchos</i>	Mallard	45	48	24	117
6	斑嘴鸭	<i>Anas poecilorhyncha</i>	Spot-billed Duck	46	36	69	151
7	针尾鸭	<i>Anas acuta</i>	Northern Pintail	3	2	2	7
8	绿翅鸭	<i>Anas crecca</i>	Common Teal	35	187	14	236
9	赤颈鸭	<i>Anas Penelope</i>	Eurasian Wigeon			10	10
10	罗纹鸭	<i>Anas falcate</i>	Falcated Duck			1	1
11	琵嘴鸭	<i>Anas clypeata</i>	Northern Shoveler	7			7
12	白眼潜鸭	<i>Aythya nyroca</i>	Ferruginous Pochard	242	142	227	611
13	红头潜鸭	<i>Aythya ferina</i>	Common Pochard		24	75	99
14	凤头潜鸭	<i>Aythya fuligula</i>	Tufted Duck				
15	紫水鸡	<i>Porphyrio porphyrio</i>	Purple Swanphen	125	29	27	181
16	黑水鸡	<i>Gallinula chloropus</i>	Moorhen	91	414	91	596
17	骨顶鸡	<i>Fulica atra</i>	Coot	134	661	869	1664
18	水雉	<i>Hydrophasianus chinensis</i>	Pheasant-tailed Jacana	2			2
19	小鸕鹚	<i>Podiceps ruficollis</i>	Little Grebe	98	117	178	393

Seashore/estuary wetland : (2015-2018) Shanghai Chongming Dongtan National Nature Reserve



❖ Vegetation Management

- Improve reeds quality
- Control reeds sprawling
- Monitor invasive species

❖ Water Level adjustment

❖ Small scale habitat optimizing for reeds area, shallows area and open water area



- ✓ 1998: Shanghai birds Nature Reserve
- ✓ 2002: Wetland of International Importance
- ✓ 2005: National Nature Reserve
- ✓ 2017: "Bird House" as the symbol of corporate volunteer events of NR





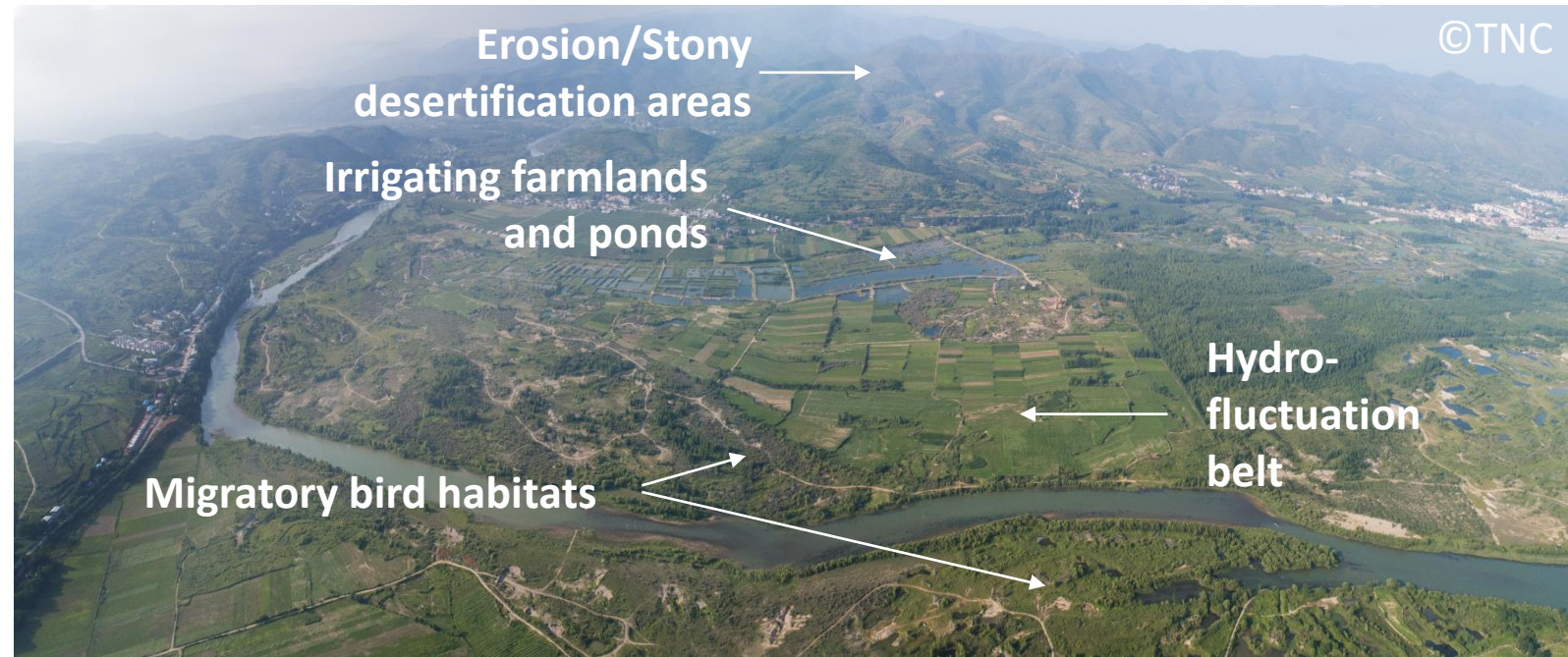
Inland secondary estuary wetland: (2018-) Danjiang National Wetland Nature Reserve

Significance:

- ❖ Last ecological barrier of South-to-North Water Diversion (南水北调)
- ❖ 401 bird species/110k migrant birds winter habitat

Barriers and Solutions in the 2 km² demo area:

- ❖ Erosion/Stony desertification area nature-based restoration
- ❖ Sustainable Agriculture introducing
- ❖ HFB ecological restoration
- ❖ Habitat modification
- ❖ Birding Eco-tourisms



Challenges and lessons learned

- ❖ Cross-department management of multi-functional wetlands: habitats, irrigation, drinking
- ❖ Crucial needs of intensive management
- ❖ Engaging local community...
- ❖ Efficient wetlands networking for migrant flyways
- ❖ Eco-tourism, nature education and citizen science
- ❖ The trends of advancing new PA system with National Park pivoting in China

