

금강국의 갯벌

Getbol, Korean Tidal Flats – Promotion Status



GETBOL
World Heritage

CONTENTS

1. Getbol, Korean Tidal Flats as a World Natural Heritage
2. Phase II Nomination – Promotion Status
3. Suggestion for Global Cooperation



© World Heritage - Definition

- The asset of humanity recognized to have the **Outstanding Universal** Value transcending the boundary of race · religion · culture · nationality – deserving inheritance to the future generation
- The unique term 'World Heritage' : derive from properties' '**Outstanding Universal Value**' applying to all humanity regardless of region
- UNESCO's adoption of 'Convention concerning the Protection of the World Cultural and Natural Heritage' (1972) : Identification · protection · conservation of such heritage sites of OUV

Source : UNESCO Korean National Commission, 'UNESCO and Heritage'

◎ Requirements of World Heritage nomination

- Tangible heritage with Outstanding Universal Value(OUV)
- OUV demonstrated by fulfillment of nomination criteria, integrity & sincerity, protection & management

탁월한 보편적 가치

등재기준
충족

신청유산은
하나 또는 그 이상의
등재기준을 충족

진정성 &
완전성 요건

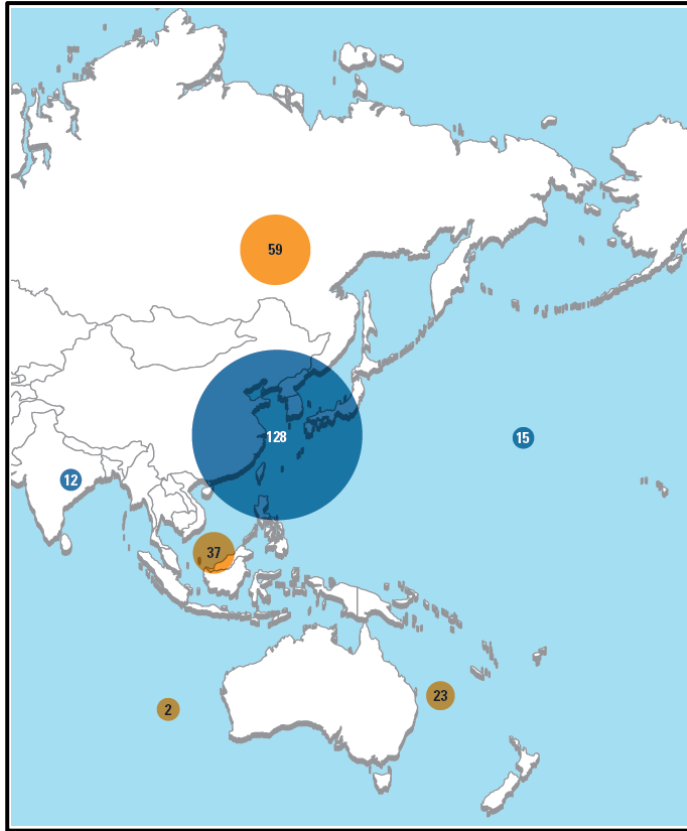
문화유산 진정성
자연유산 완전성

보호 및 관리

법적&규범적 조치
모든 이해당사자
참여의 적절한
관리계획 및 체계

- Nomination Criteria :
i ~ vi : Cultural Heritage / vii ~ x : Natural Heritage
- Integrity : Wholeness to include all sufficient attributes
& Intactness loyal to the original form
- Sincerity : Adherence to original material & technique
- Protection system : Legal measure to protect the property site
- Management system : Organization structure, monetary
budget, human resources, administration for OUV preservation

Importance of the Yellow Sea



Distribution of waterbirds population in the EAAF

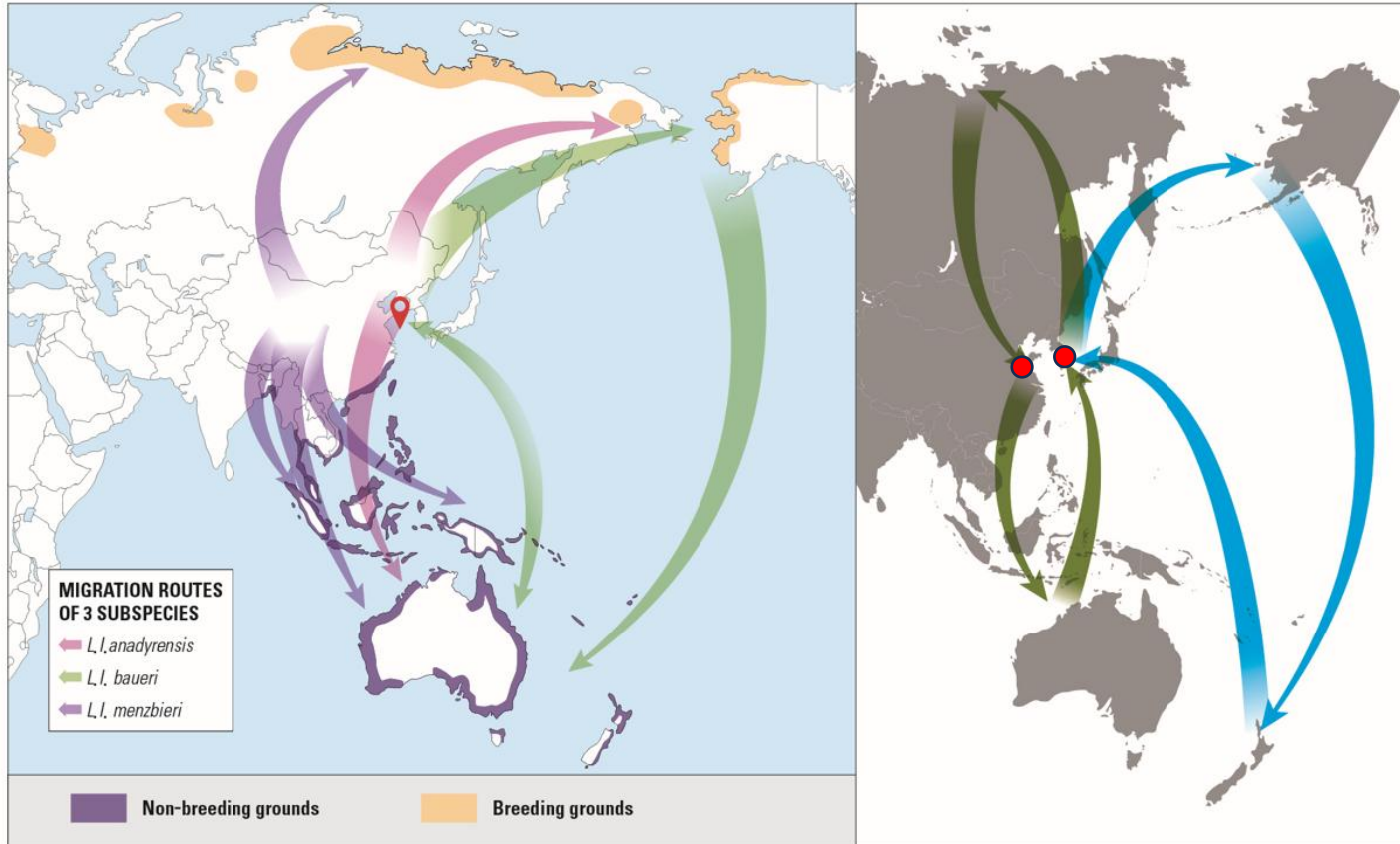


7 Key Areas for Waterbirds along the Yellow Sea Coast among the 16 Key Areas in the EAAF

*source : MacKinmon et al. 2012;
Mundkur and Langendoen 2022*

Yellow Sea : A **Key Area** for Waterbird Distribution & A **Bottleneck site** for Migratory Waterbirds

1.2. Connectivity between Heritage Sites through Waterbirds



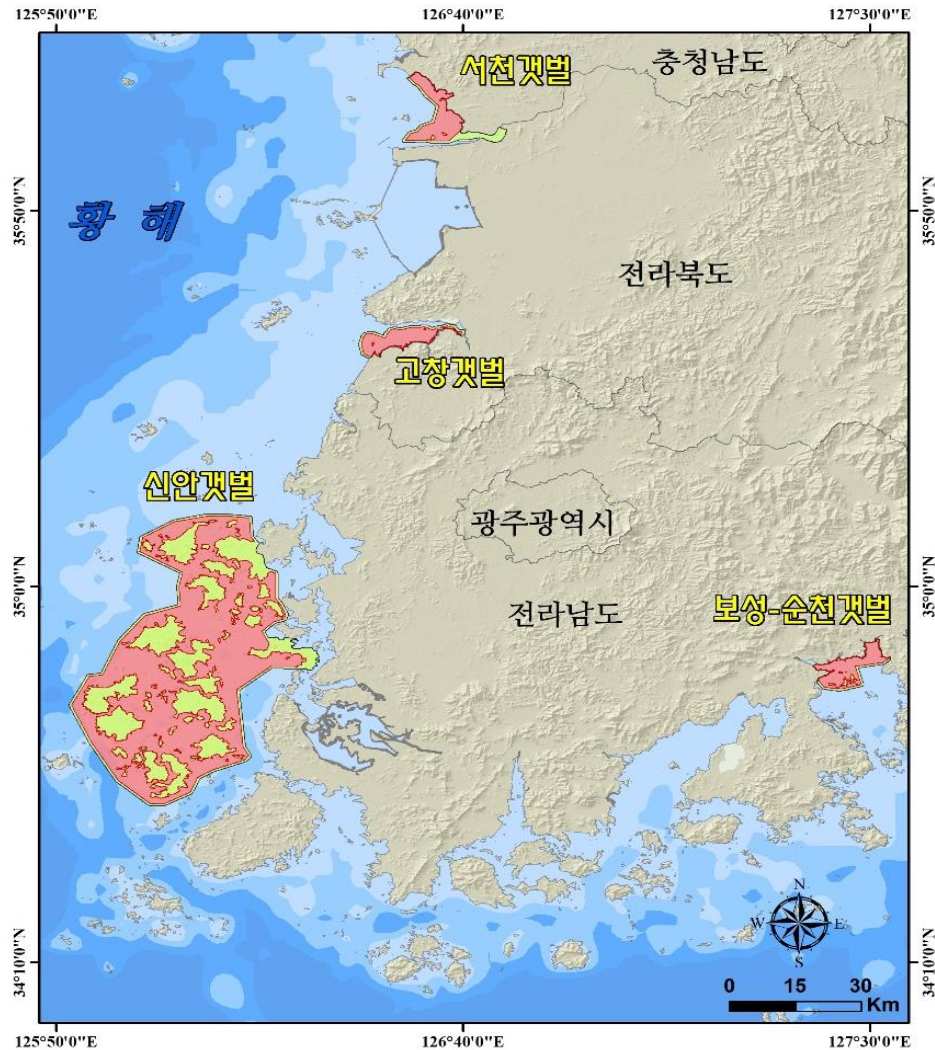
source : www.eaaflyway.net

Bar-tailed Godwits' migration path in the EAAF by population (Left), confirmed with satellite tracking (Right).



Movement of Nordmann's Greenshanks (EN)

Both China and Korea are **important habitats for waterbirds**



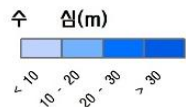
Tidal flats near the Yellow Sea

East Asia under pressure – Stopover site of East Asian-Australasian Flyway

- ✓ World's largest & most productive wetlands ecosystem supporting millions of migratory birds
- ✓ Habitat of waterbirds' food provision
- ✓ Seocheon, Gochang, Shinan, Boseong-Suncheon Getbol's World Heritage nomination (2021)

-범례-

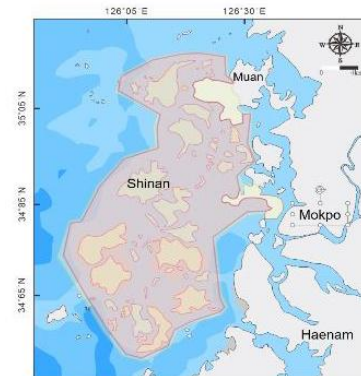
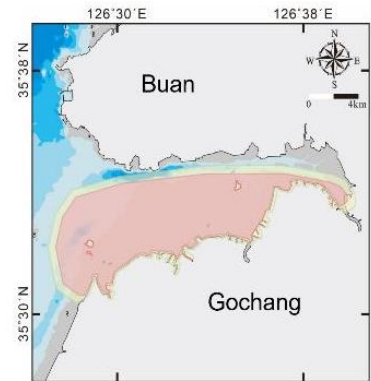
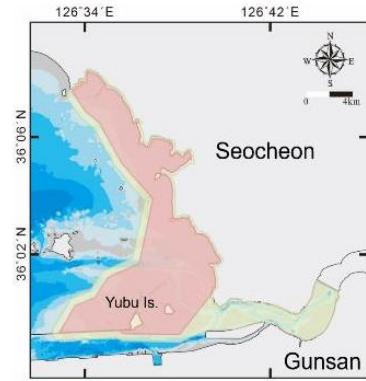
- 한국의 갯벌 유산지역
- 한국의 갯벌 완충구역



축척 : 1:1,100,000
 투영 : Geographic
 데이터 : WGS84
 날짜 : 2018. 08.

Phase I Nomination Process

Oct 2010	○	Inscription on World Heritage Tentative List
Nov 2011	○	Establishment of World Heritage Promotion Master Plan
May 2014	○	Foundation of World Heritage Promotion Team
~2017	○	Academic research, Community hearing, etc.
Jan 2019	○	Submission of Nomination Dossier
Sep~Oct 2019	○	IUCN Field Mission
Dec 2019	○	IUCN Panel Review
May 2021	○	IUCN Recommendation of Deferral
May 2021	○	Diplomatic Negotiation (Suggestion of Conditional Nomination Measure, etc.)
Jul 26, 2021	○	Inscription on World Heritage List



4 new areas of inscription regarding UNESCO recommendation

- ◆ Representative of Korean Tidal Flats
- ◆ **Yeosu, Goheung Getbol** : **Yeoja Bay's Integrity fulfilled** by setting the entire bay as its buffer zone
=> Connects the marine ecosystem with the nominated property
- ◆ **Muan Getbol** : **Protection & management system reinforced** by being connected with Shinan Getbol's property
- ◆ **Seosan Getbol** : Represents northern Gyeonggi tidal flats' OUV as a serial nominated property
 - Newly expanded area instead of vicinity of nominated property
 - High OUV among northern Gyeonggi tidal flats – Bridgehead of expansion to northern Incheon

Proposed OUV & Feasibility to Nomination Criteria

Proposed OUV

✓ **Criterion (X)** : Stopover site of endangered migratory waterbirds & Habitat of biodiversity

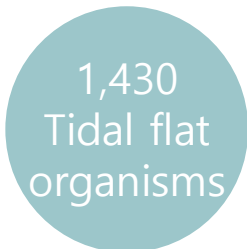
To contain the most important and significant natural habitats for conservation of biological diversity, including those containing threatened species of Outstanding Universal Value from the point of view of science or conservation

Feasibility to Nomination Criteria

✓ Biodiversity



- 20 IUCN Redlist Species
- Support 40 out of 63 shorebirds



- 171 Benthic Diatoms
- 111 Halophytes
- 69 Macroalgae
- 98 Macrobenthos
- 79 Fishes
- 2 Marine Mammals

✓ Number of globally threatened bird species that visits the nominated property

Components	Waterbird Speices	IUCN Redlist Species	>1% of Global Population	>1% of Biogeographic Population
Nominated Property	104	20	10	22

Features of Each Component [Yeosu Getbol]

Yeosu Getbol's OUV

[Significant waterbirds' habitat]

- ✓ 67 species / 53 waterbirds
- ✓ 8 globally threatened species, 18 legally protected species
- ✓ Korea's largest non-breeding ground of Saunders's Gull (VU)
- ✓ Hinterland Habitat for Hooded Crane

[Major tidal flat organisms' habitat]

- ✓ 475 total species(WPA)
- ✓ High biodiversity of macrobenthos(361 species)
- ✓ 2 endemic species, 6 endangered & legally protected species
- ✓ High density of Red Mittens Sesarmid Crab & Common Mud-flat Crab

Fulfills Yeoja Bay's integrity by supporting the largest variety of endangered wildlife speices & serving as a hinterland habitat for Hooded Crane

Yeosu, Goheung Getbol[Yeoja Bay]



Common Mud-flat Crab



Red Mittens Sesarmid Crab



Hooded Crane

Features of Each Component [Goheung Getbol]

Goheung Getbol's OUV

[Significant waterbirds' habitat]

- ✓ 76 species / 58 waterbirds
- ✓ 6 globally threatened species, 18 legally protected species
- ✓ Stopover site of Nordmann's Greenshank (EN)
- ✓ Korea's largest non-breeding ground of Saunders's Gull (VU)

[Major tidal flat organisms' habitat]

- ✓ 725 total species(WPA)
- ✓ High biodiversity of macrobenthos(552 species)
- ✓ 4 endemic species, 6 endangered & legally protected species

Fulfills Yeoja Bay's integrity by high biodiversity based on abundant primary producer, supporting >8% of Saunders's Gull & sharing annual life cycle with Nordmann's Greenshank

Yeosu, Goheung Getbol[Yeoja Bay]



Saunders's Gull



Birds of Goheung Getbol



Goheung Getbol

Features of Each Component [Muan Getbol]

Muan Getbol's OUV

[Significant waterbirds' habitat]

- ✓ 171 species / 93 waterbirds
- ✓ 14 globally threatened species
- ✓ Stopover site of Nordmann's Greenshank (EN)
- ✓ Supports >1% of global population of 9+ waterbird species including Black-faced Spoonbill, Chinese Egret

[Major tidal flat organisms' habitat]

- ✓ 942 total species(WPA)
- ✓ High biodiversity of macrobenthos(624 species) and benthic diatoms(155 species)
- ✓ 7 endemic species, 5 endangered & legally protected species
- ✓ Well-developed halophytes(95 species) communities

Supports the largest variety of waterbird species(17) and tidal flat species(942)
(Siberian Sand Plover (EN), Milky Fiddler Crab, etc.)

etbol[Tando Bay, Hamhae Bay]



Siberian Sand Plover



Milky Fiddler Crab



Muan Getbol

Features of Each Component [Seosan Getbol]

Seosan Getbol's OUV

[Significant waterbirds' habitat]

- ✓ 174 species / 91 waterbirds
- ✓ 13 globally threatened species
- ✓ Stopover site of Nordmann's Greenshank (EN)
- ✓ Supports >5% of global population of Chinese Egret

[Major tidal flat organisms' habitat]

- ✓ 630 total species(MOPA)
- ✓ High biodiversity of macrobenthos(462 species)
- ✓ 6 endangered & legally protected species
- ✓ Only inland habitat for Spotted Seal

Seosan Getbol[Garolim Bay]

Shows the highest diversity of bird species including globally threatened species (Chinese Egret (EN), Black-faced Spoonbill (EN), Far Eastern Curlew (EN), etc.), endemic species(11), and is the only inland habitat of Spotted Seal



Chinese Egret



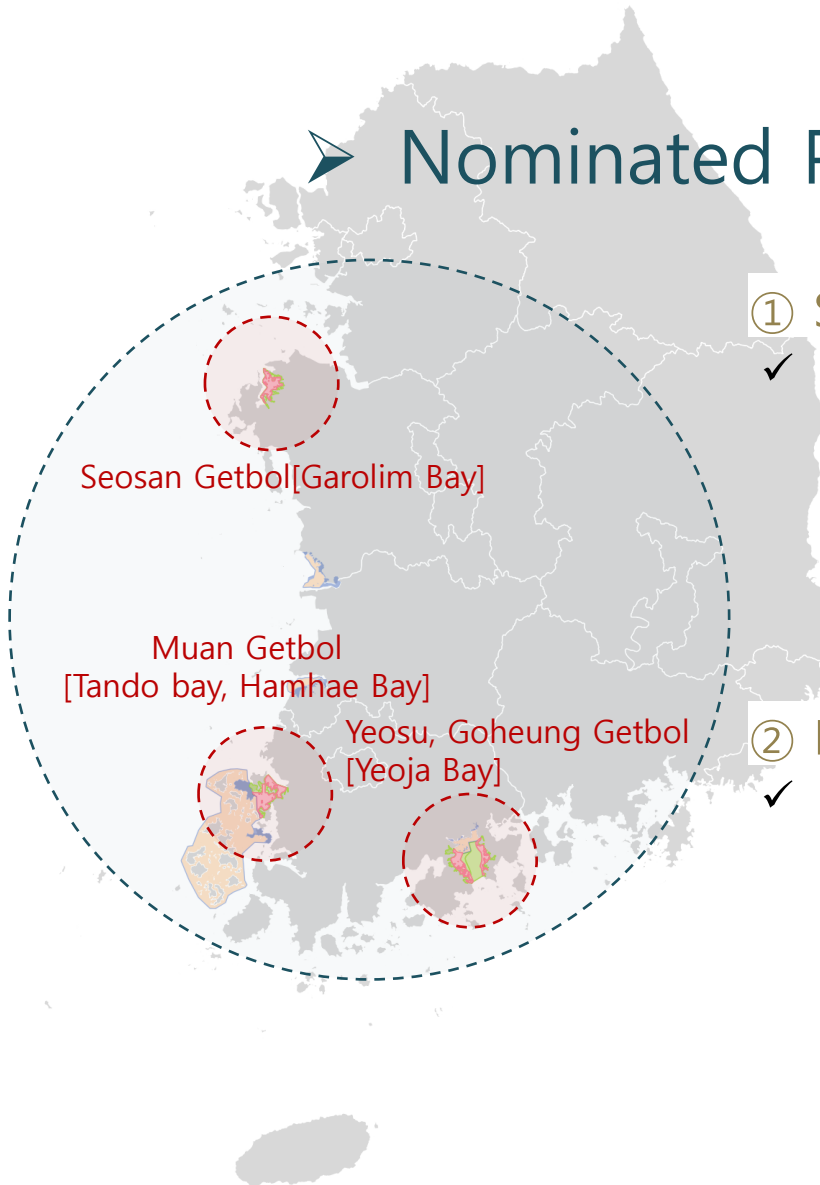
Black-faced Spoonbill



Far Eastern Curlew

Features of Each Component [Phase II]

➤ Nominated Properties' Outstanding Universal Value



① Significant waterbirds' habitat

✓ Supports 207 birds including 104 waterbirds

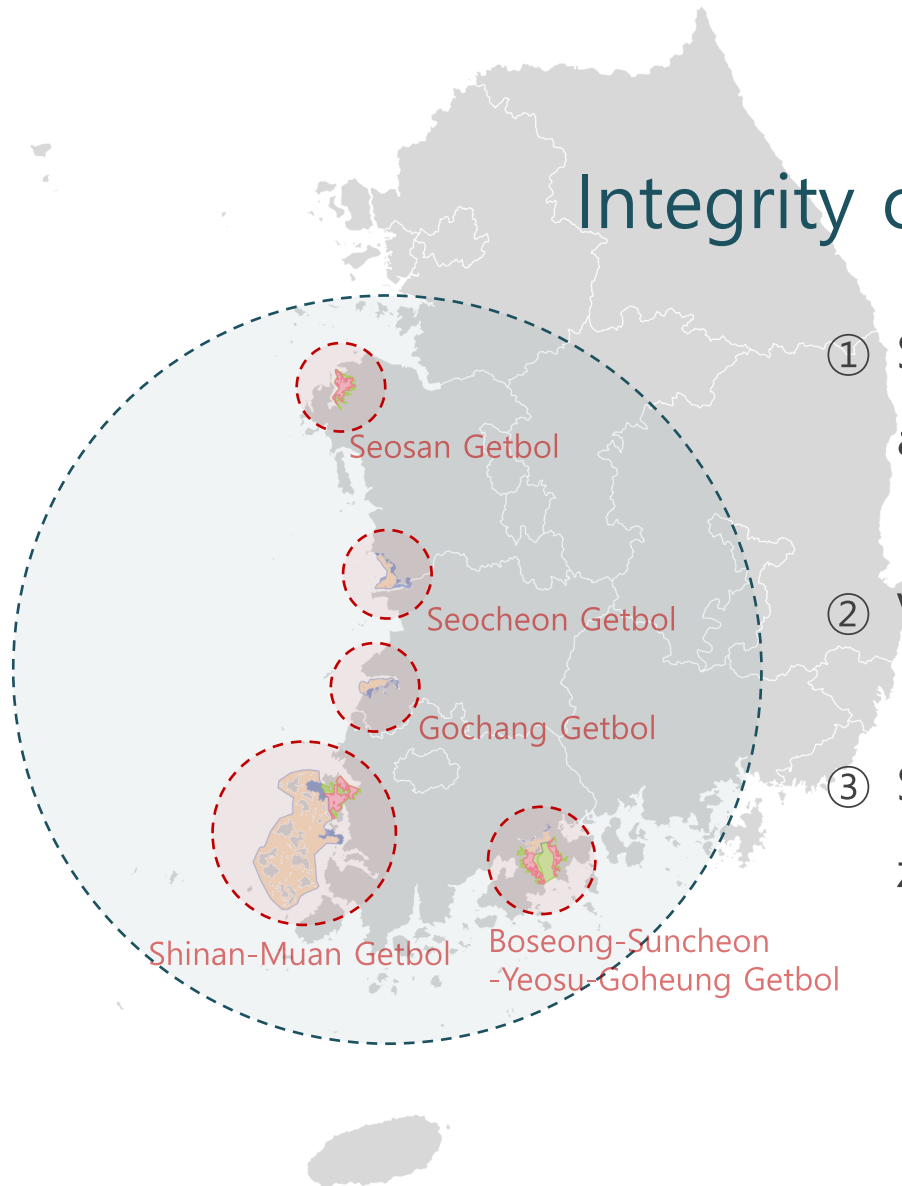
- Habitat of IUCN Redlist species
(Black-faced Spoonbill(EN), Chinese Egret(VU), Far Eastern Curlew(EN) 등)
- Supports >1% of global population of 10 migratory waterbird species
- Supports >1% of biogeographic population of 10 migratory waterbird species

② Major tidal flat organisms' habitat

✓ Supports total of 1,430 species

- 998 Macrobenthos, 171 Benthic Diatoms, 69 Macroalgae, 111 Halophytes
- Habitat of 14 Yellow Sea endemic species and 10 endangered marine invertebrate species

Integrity of Getbol, Korean Tidal Flats



- ① Sufficient area to serve as endangered migratory birds' habitat and stopover site, backed up by high biodiversity
- ② Various topographic features to support unique ecological group
- ③ Strengthened OUV and protective features by expanded buffer zone of the inscribed properties

EAAFP FNS list



An aerial photograph of a large tidal flat area, likely in South Korea. The foreground and middle ground show extensive, flat, light-colored mudflats with some darker, possibly vegetated or wetter patches. In the background, a city skyline is visible across a body of water, with various buildings and structures. The sky is clear and blue.

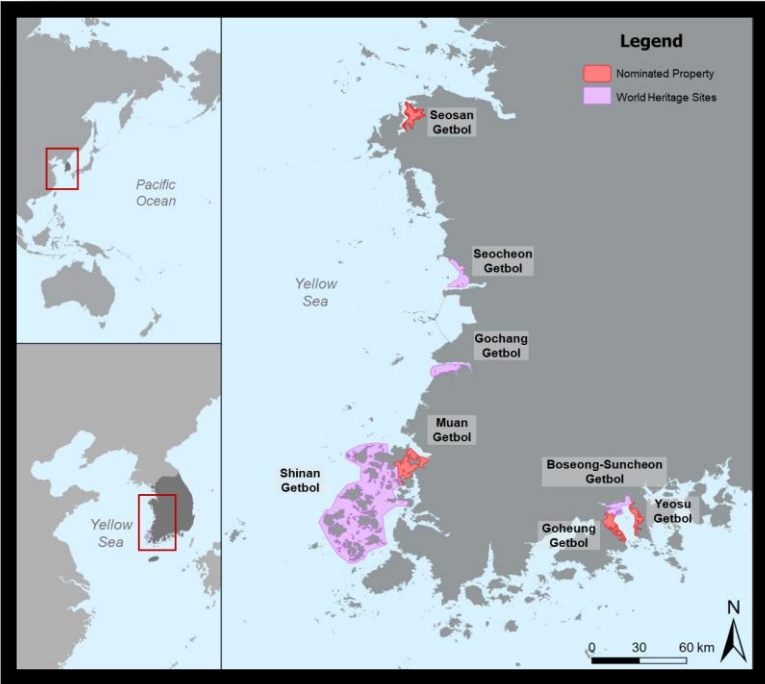
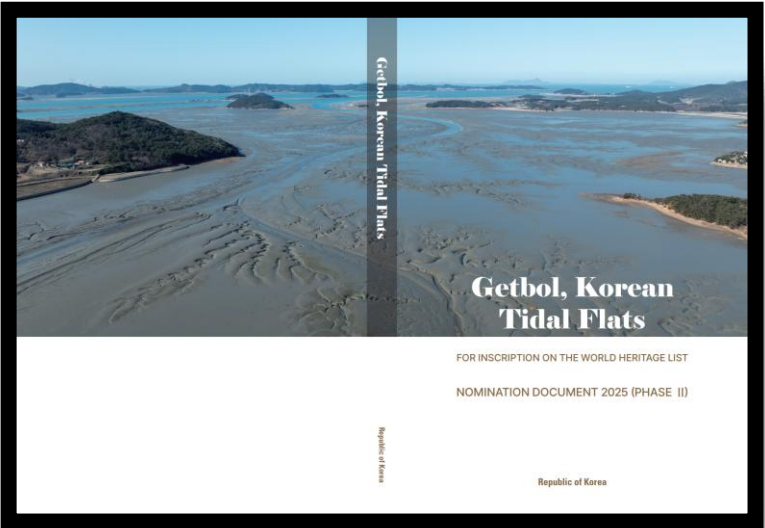
Getbol, Korean Tidal Flats' FNS List Status

- Seocheon Yubu-do Tidal Flat – Phase I
- Shinan Aphaedo Tidal Flat – Phase I
- Gochang Getbol – Phase I
- Suncheon Bay Getbol – Phase I

Phase II Inscription Schedule

Upcoming Schedule Regarding Phase II Inscription

- 2025. 1. Submission of Dossier for Phase II Inscription
- 2025. 5.~6. Conducting Preliminary Survey in Preparation for On-Site Inspection
- 2025. 9.~10. IUCN On-Site Inspection
- 2025. 11. Submission of Additional Materials for Phase II Inscription
- 2026. Submission of Response to IUCN Interim Report
- 2026. 1.~6. Public Disclosure of IUCN Evaluation Report and Advocacy for Support
- 2026. 7. Final Decision of the 48th World Heritage Committee



Continuous Effort Post-Initial Inscription



Supporting Organizations



Future Effort towards Component Expansion

Post-Phase II Plans

- Unable to discuss / confirm Phase III at this moment of Phase II progression
- Intention to extend the expansion effort toward the Yellow Sea, including northern Gyeonggi

Ganghwa-Gun, Incheon (Ganghwa Tidal Flats)

- Discussion regarding nomination of Ganghwa Tidal Flats
(Jul/Aug 24 : Incheon, Ganghwa, KHS)
- Continuous discussion regarding World Heritage nomination of Ganghwa Natural Reserve

Jung-gu, Incheon (Yeongjong Tidal Flats)

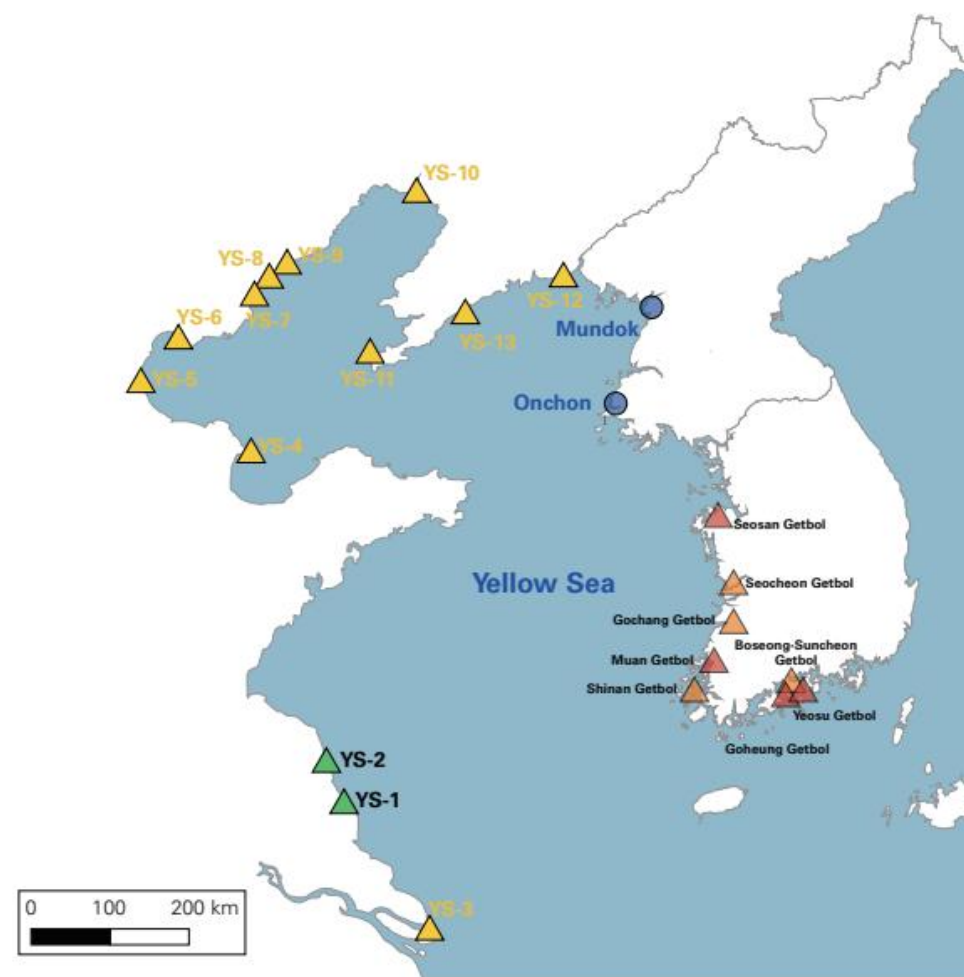
- Discussion regarding nomination of Incheon Yeongjong Tidal Flats(Jul 24 : Incheon, Promotion Team)
- WPA Designation plan of Yeongjong Tidal Flats in process (MOF-Incheon-Jung-gu Office)

Hwaseong-si, Gyeonggi (Hwaseong Tidal Flats)

- 3 Meetings w/ Hwaseong-si authorities, 2 Briefing sessions w/ fishing village chief, 1 National Assembly briefing session
- 2 meetings w/ Hwaseong-si NGO

Global Cooperation and the Role of Global Society





Legend (1:5,500,000)

- ▲ Getbol, Korean Tidal Flats (Phase I)
- ▲ Getbol, Korean Tidal Flats (Phase II)
- ▲ Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase I)
- ▲ Migratory Bird Sanctuaries along the Coast of Yellow Sea-Bohai Gulf of China (Phase II)
- Other similar habitats (DPRK)

**Thank you for
your attention**
gofar2013@naver.com



GETBOL
World Heritage