

ROK Coastal Wetlands

# Suncheon Bay Wetland Conservation:

Programs and Policies of Suncheon Bay



Dept. of Suncheon Bay Conservation, Suncheon City

황선미 | HWANG SUNMI

Suncheon bay

순서

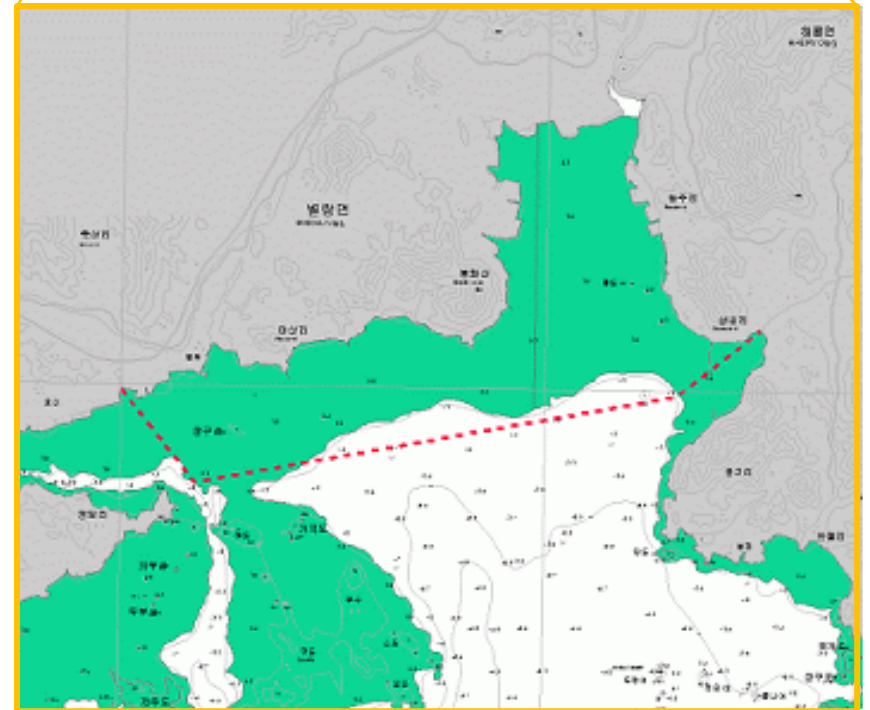
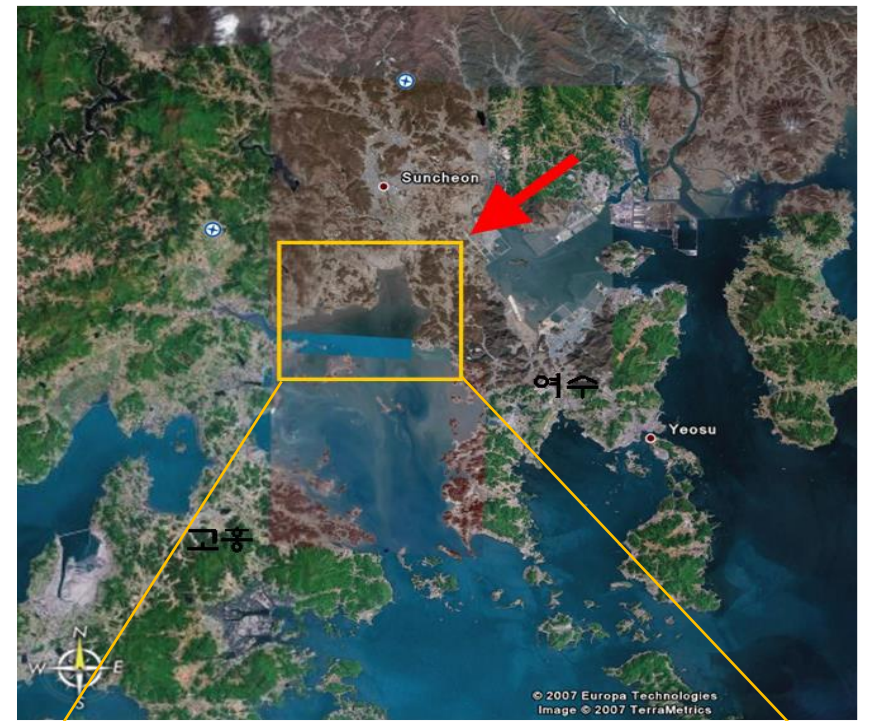
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2. Wise Choice of Suncheon Citizen
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4. Programs of Suncheon Bay Ecological Museum(Visitor Center)

# 1. Introduction to Suncheon Bay &

## Suncheon Bay Garden

# 1 순천만 & 순천만정원 소개



# 순천만

Suncheon bay

## Location

Suncheon City, Jeollanamdo, ROK  
(Daedae-dong, Beolrang-myeon, Haeryong-myeon)

## Size

28 square kilometers (mudflat 22.6 km<sup>2</sup> + reed bed 5.4 km<sup>2</sup>)

## Facilities

Suncheon Bay Ecological Museum (Visitor Center), Observatory, Sound of Nature Gallery, Yongsan Observation Platform, Mujin Bridge, Reedbed Deck, etc.

## Protected Area

2003 Wetland Protection Area (ROK)  
2006 Ramsar Site (1st Coastal Ramsar Site in ROK)

## Suncheon Bay, the Land of Life

- Birds: 240 species and 100,000 population (Hooded Crane (Natural Monument Nr.228, ROK), White-naped Crane, etc.)
- Plants: 340 species (reed, sea blite(*Suaeda japonica*), Marsh Sedge(*Scirpus planiculmis* F.Schmidt), etc.)
- Benthos: 300 species Red-clawed Crabs(*Sesarmops intermedius*), intertidal snails(*Ellobium chinense*), etc.)



A wide-angle photograph of Suncheon Bay Garden. The scene is dominated by a vast, well-maintained green lawn. Several tall, slender trees with fresh green leaves are scattered across the landscape. In the foreground, a few people are sitting on the grass, enjoying the view. The background shows a line of trees and distant mountains under a bright blue sky with scattered white clouds. The overall atmosphere is peaceful and scenic.

# 순천만정원 Suncheon bay Garden

**Location** Suncheon City, Jeollanamdo, ROK  
(Pungduk-dong, Ochoen-dong)  
4.5 kilometers from the Suncheon Bay

**Size** 1,112 square kilometers  
(World Garden 11, Theme Garden 11, Participation Garden 35)

**Facilities** 57 gardens, International Wetland Center, Bridge of Dream, Arboretum, etc.

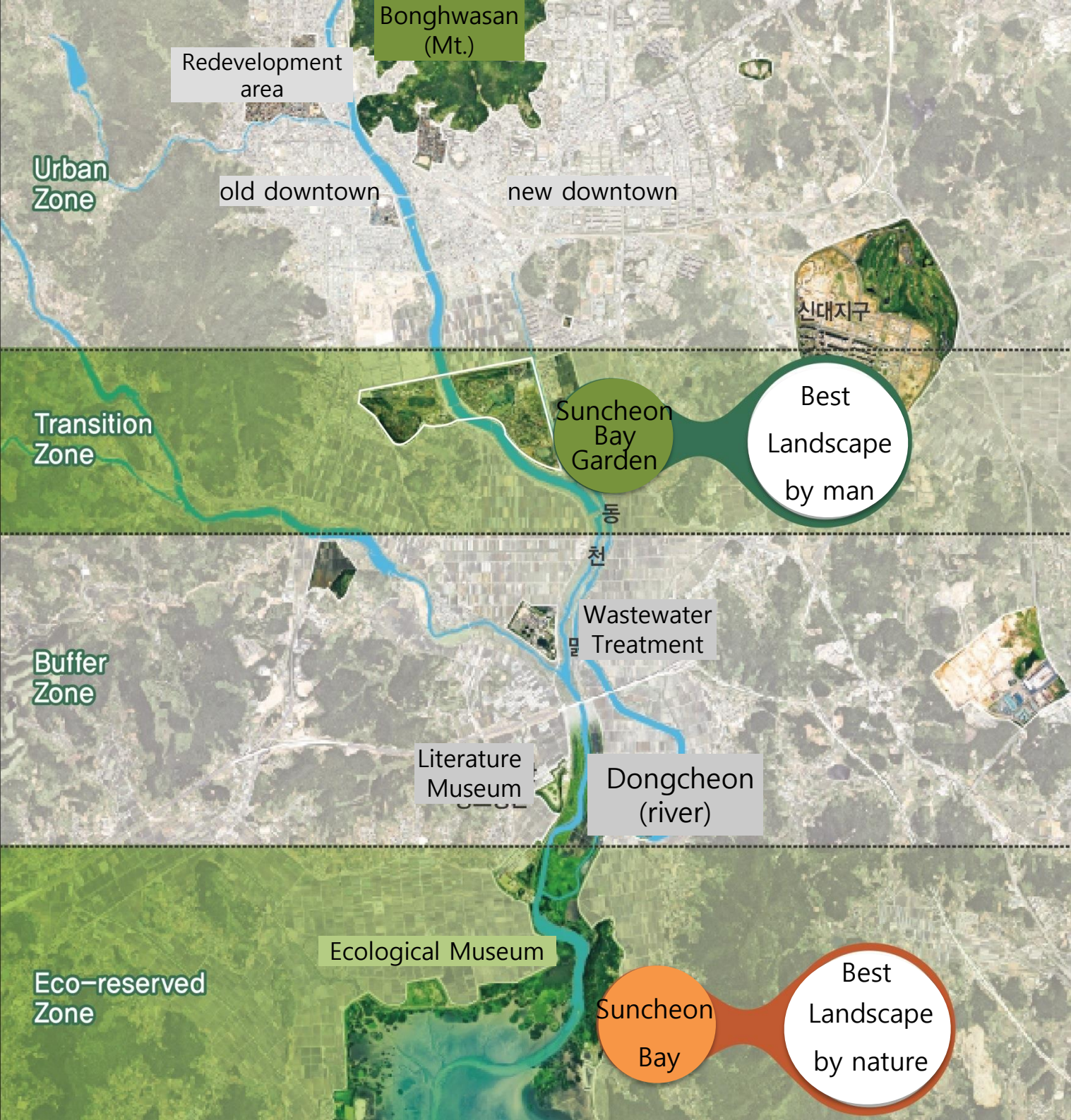
# Master-planing of Suncheon Bay Landscape Conservation

도심 공간

전이 공간

완충 공간

절대 보전 공간



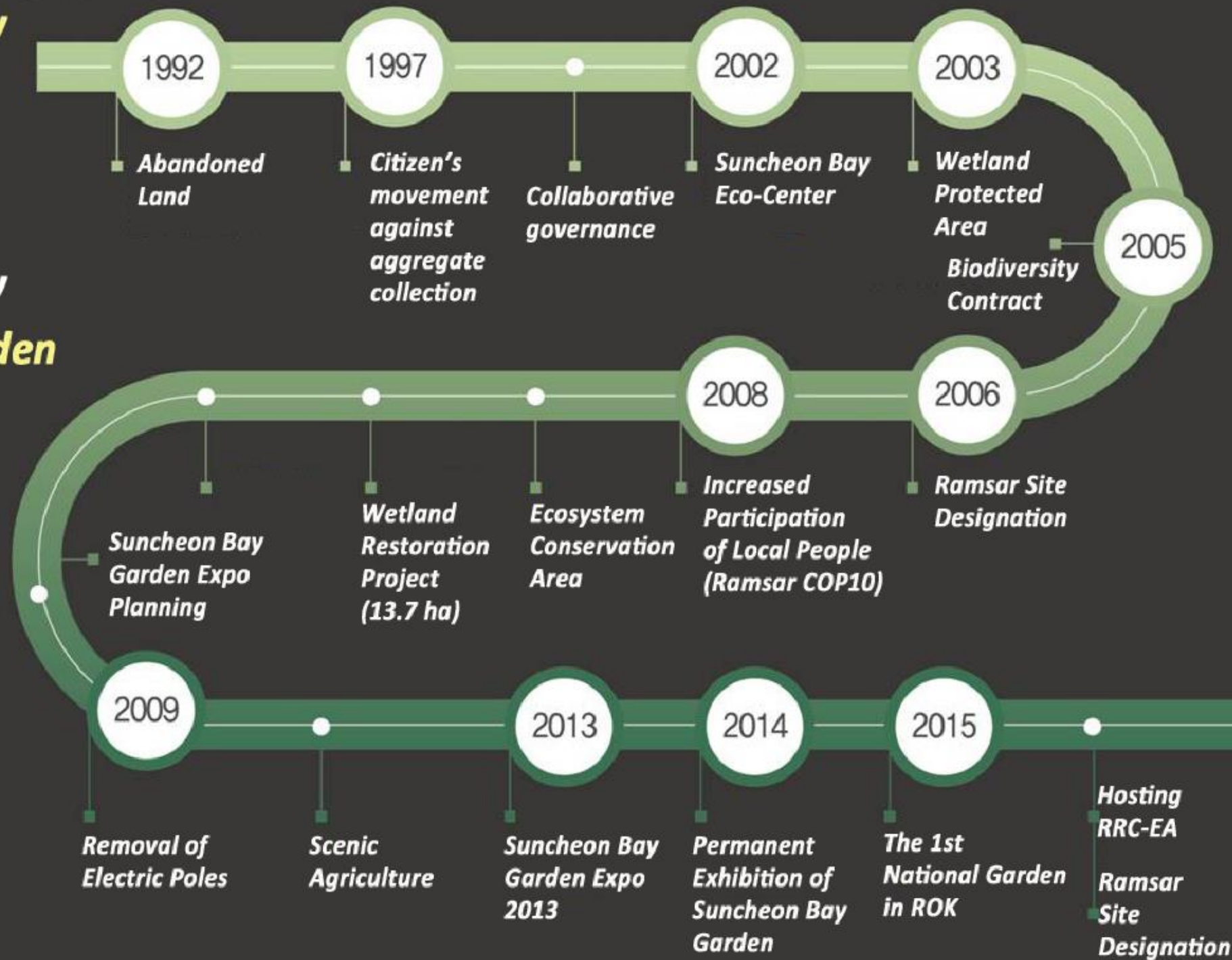




## 2. Wise Choice of Suncheon Citizen: Conservation

2 순천시민의  
현명한 선택 보전

**From**  
**Suncheon Bay**  
**Conservation**  
**with Citizens**  
**To**  
**Suncheon Bay**  
**National Garden**



1992



1990s Thoughtless dumping of waste at Suncheon Bay

1997



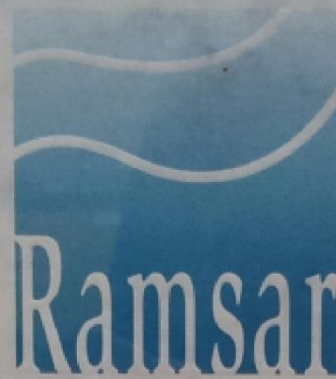
Dredging Project in Suncheon Bay, and People's Protest

2003



Suncheon Bay was designated as Wetland Protection Area

# 2006



CONVENTION ON WETLANDS

(Ramsar, Iran, 1971)

This is to certify that

*Suncheon Bay*

has been designated as a

Wetland of International Importance

and has been included in the  
List of Wetlands of International Importance  
established by Article 2.1 of the Convention.

Enlisted on Ramsar Convention

2007



Fishing boats, restaurants and warehouses





Duck farms polluting Suncheon Bay with wastewater and small



From car parks and riverbanks to wetlands



To its natural beauties...

# 2009



To become a paradise for migratory birds



Introduce the 1st Scenic Farm Area

# 흑두루미 영농단의 **봄** 준비의 계절



들판을 디자인하고



직접 벼도 심고



학생들에게 모 심는 법도 가르치고



학생들과 함께 벼도 심습니다.

흑두루미 영농단의 여름 관찰의 계절



# 흑두루미 영농단의 가을 수확의 계절





# 흑두루미 영농단의 **겨울** 나눔의 계절



# Spring

A scenic landscape of Suncheon Bay in spring. A wooden boardwalk with a railing leads through a vast field of green reeds towards a range of mountains under a cloudy sky at sunset.

Suncheon bay

# Summer



Suncheon bay

Fall



Suncheon bay

Winter



Suncheon bay



Masterplan of Suncheon Bay Garden Expo

# 2013

An aerial photograph of the 2013 Garden Expo site in Taichung, Taiwan. The foreground features a large, landscaped area with a winding path, a lake, and several large, colorful flower beds in shades of red and purple. In the middle ground, there is a massive parking lot filled with cars, a modern building with a curved facade, and a large open area. The background shows a dense urban area with many buildings and a range of mountains under a clear sky.

Success of 2013 Garden Expo with citizen participation

2014



To Decide permanent opening of Suncheon Bay Garden



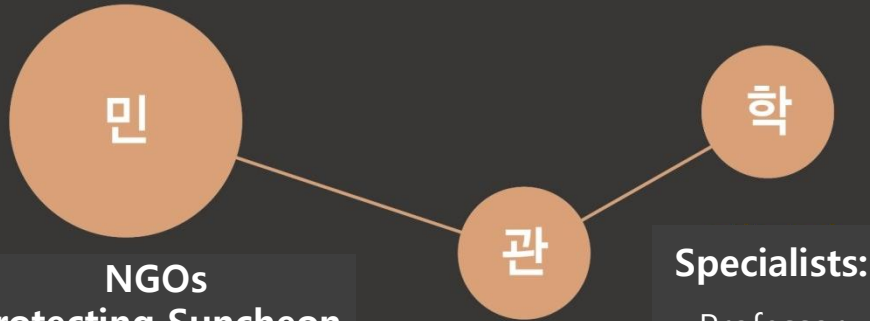


'City of 1,000 cranes'; nature and man coexist

### 3. Policies of Sucheon Bay Wetland Conservation

# 3 순천만 습지보전 주요 정책

Networking of  
Civil Society-Administration-Specialist  
for conservation of Suncheon Bay



**NGOs**  
**Protecting Suncheon Bay:**  
Agenda21 Suncheon  
Suncheon KFEM  
East Jeonnam Society  
Research Center  
Wildlife Rescue Center

**Administration:**  
Dept. of Suncheon  
Bay Conservation

**Specialists:**  
Professor  
doctors

Committee of Suncheon Bay  
Nature and Ecology

(doctor, professor, citizen, local people, etc.)



International Network

Hooded Cranes Symposium, WLI, WWT, etc.

## Establish Suncheon Bay Municipal Ordinance

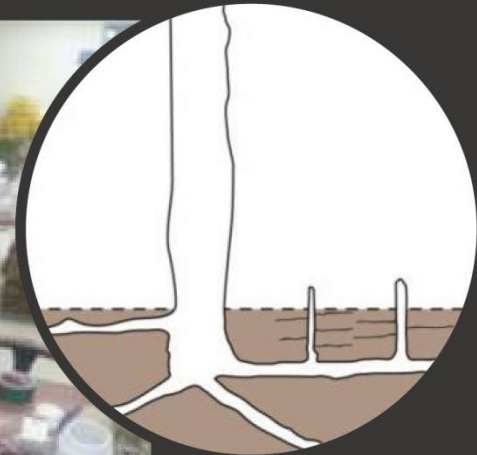
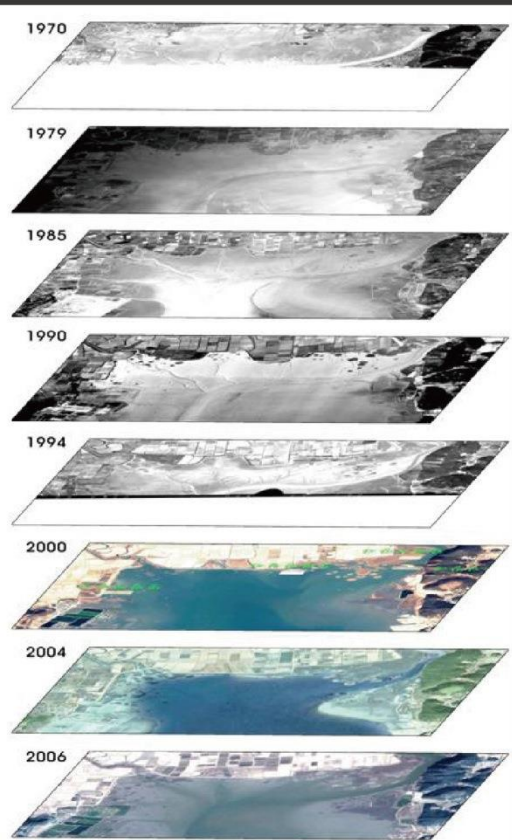
- Raising Suncheon Bay Conservation Fund
  - 10% of income from Suncheon Bay Garden and Suncheon Bay Nature Park
- Planning of Suncheon Bay Wetland Management every 5 years
  - Ecological research and civilian monitoring
  - Symposium and exchange programs in domestic and overseas
  - Community-based participation; eco-town, clean-up, etc.



## Establish Mid- and Long-term Planning

- Title: Mid- and Long-term Planning of Suncheon Bay for Efficient Conservation and Wise Use
- Time: 2015.3. ~ 2016.3.
- Research: KMI (Korea Maritime Institute)

- Roadmapping by stages to enhance new values of the bay
- Analysis of ecological health and change of mudflats and reed
- Developing community-based ecotourism and community wellbeing



- Committee of Suncheon Bay Wetland
  - To enhance better advice and review for wetland conservation of the bay
- Wetland Forum: '2015 Suncheon Bay Ecotalk'
  - Developing ecological conservation project based on community



# Car park Reservation System

- Begin: 2016.4.
- Max. of Reservation Priority: 1,500 / day
  - 8:00 ~ 11:00 500 cars / 11:00 ~ 15:00 500cars / 15:00~18:00 500cars
- Method: homepage reservation



# Enlarge business Civilian Initiative

## ■ Ecotourism by civilian initiative

- Exemplary towns of ecotourism : Jangsan, Geocha, Nongju, Daedae
- Enlist Suncheon Bay Ecotourism Association (April.19, 2015)

## ■ Community participation program

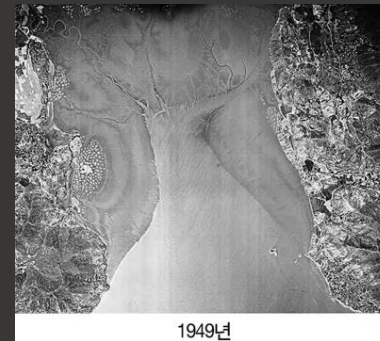
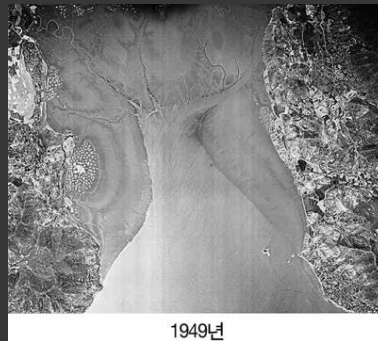
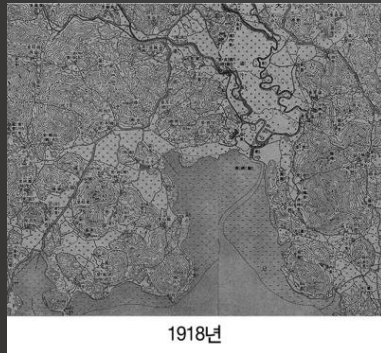
- Target: ecological recycling, environmental improvement, public awareness





# Restore Mudflat Ecosystem

- Location: Suncheon Bay
- Size: 88 ha (abandoned salt farm 78, inland wetlands 10)
- Time: 2016.Jan. ~ 2018.Dec.
- Budget: 0.7 billion dollars



# ***Dongcheon Estuary***



***Wetland Protected Area***

*2015. 12. 24*

*By Ministry of Environment*

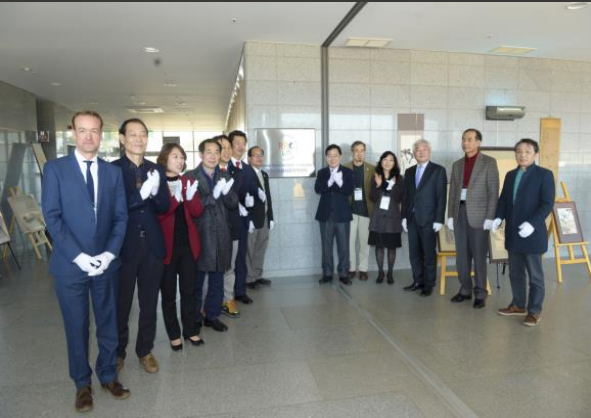
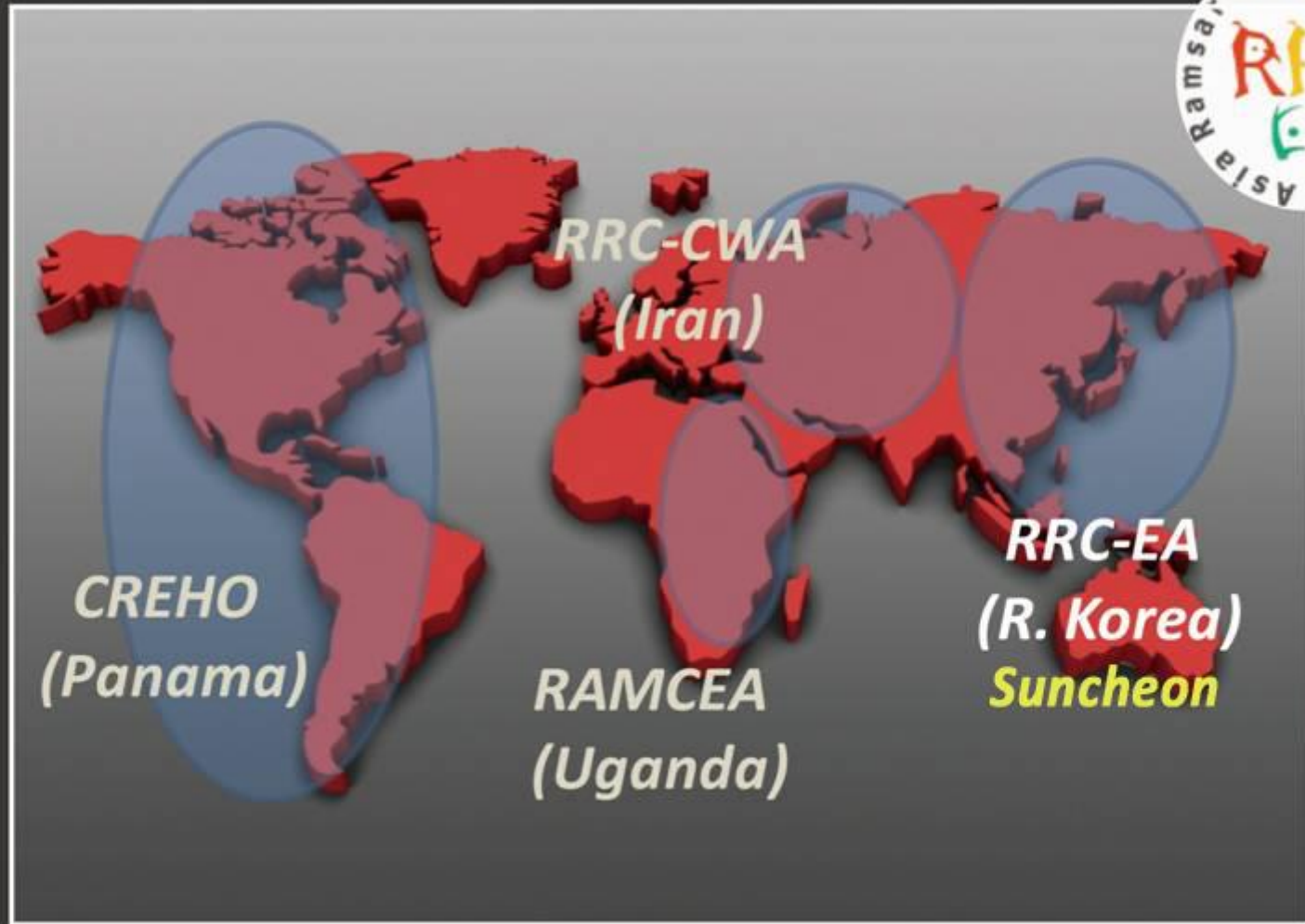
***Ramsar Site***

*2016. 6. 16*

*By Ramsar Convention*



# Hosting RRC-EA in Suncheon



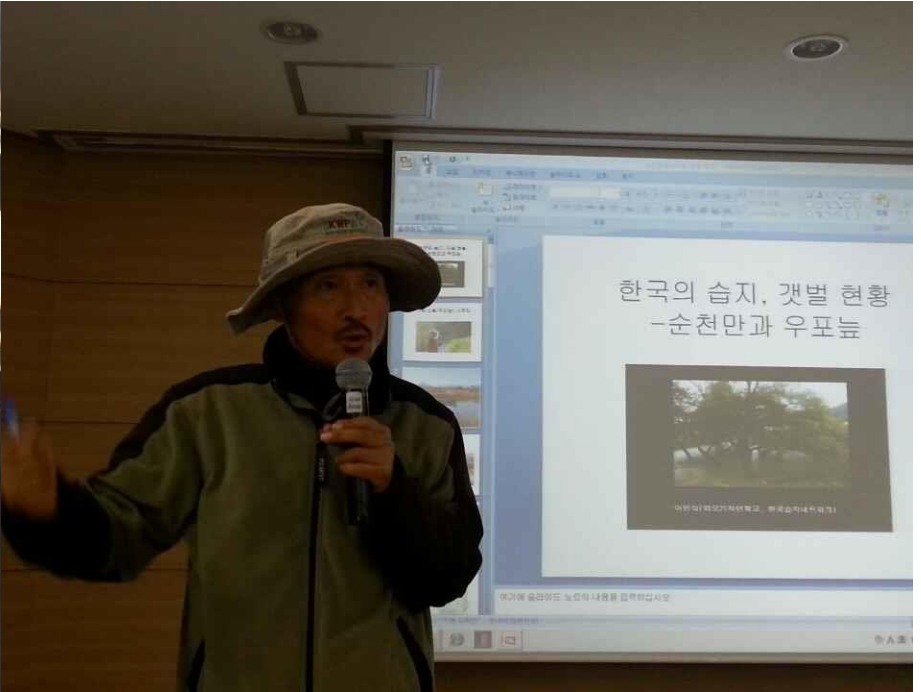
## 4. Programs at Suncheon Bay Ecological Museum (Visitor Center)

4

순천만자연생태관

주요 프로그램

# Course for Interpreters of Mudflat Ecosystem



# Course for Suncheon Bay Junior Ranger



# Eco- schoolbus Visits Schools



# Class for Handicraft of Reed





# Ecology Interpretation with Guided Tour



감사합니다  
Thank you!

