



Era dos descobrimentos, Era das Grandes Navegações  
**Age of discovery**

## The Current Marine Cadastre system and the policy in South Korea



Hyunsook, LEE from LX

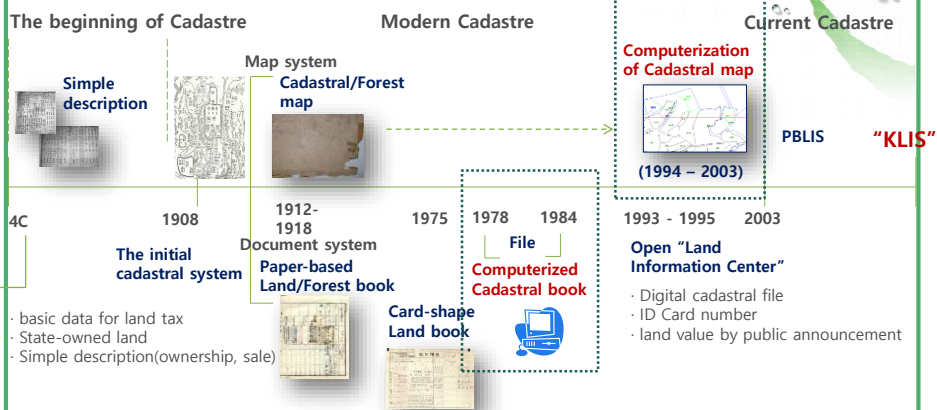
## Korea, the Peninsula

### ▪ Facts & figures

- Over 3,000 islands
- 443,000 marine area which is 4.5 greater than the land area
- 11,542 km political borders with China, Japan by maritime boundaries
- Almost all imports and exports are transported through ships
- More marine activity with highly valued
- Since the diversity of activities in South Korea, the current legal policy and institutional situation is very complex and overlapping



## History of Cadastral modernization in Korea



What is the next ?

www.theregistry. LOGO  
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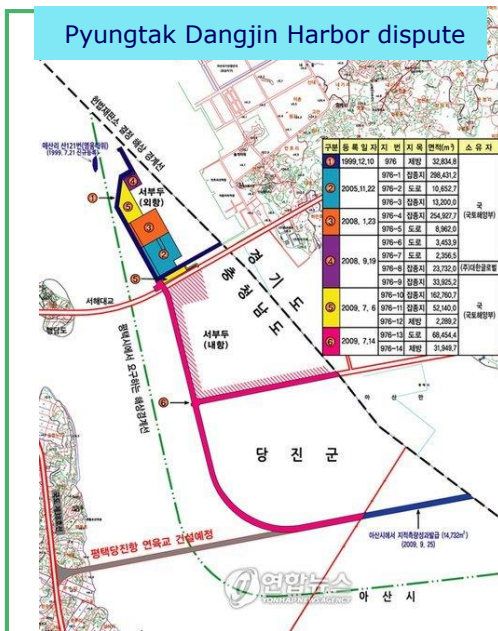
## Increasing maritime area disputes in Korea

- Reclamation land ( Pyungtak vs Dangjin dispute)



YONHAP NEWS  
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## Pyungtak Dangjin Harbor dispute



- Dispute between Local governments
- Start from 1999 and still..
- In Constitutional Court
- more and more !
- We need solution and legal and institutional framework

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## Unregistered coastal land and fishery

- Jollanamdo Muan province : fishery and agricultural



미등록 항구



미등록 토지 및 항구



미등록 토지



미등록 위성사진



현장사진 1



현장사진 2

인접지 현황

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## Ongoing project related MC

- Survey information demand by Interviews
    - Governmental officials and related organizations and Universities and so on
  - Demonstration (case study) on three different sites
    - Fishery, leisure and farming area with different condition (tide, land shape..)
  - System development
    - Mobile survey and registration updating system with simple process
  - Providing and supporting the maritime spatial information management regulation
- Interview, survey by document, public hearing to decide by who and  
 ■ Dealing with what (registration objects classification)

## Maritime administrative boundary confirmation Act

### Related Law and organizations

Related organizations(8 Ministry and more) : 'Ministry of Education, Science and Technology', 'Ministry of National Defense', 'Ministry of Public Administration and Security', 'Ministry of Culture, Sports and Tourism', 'Ministry for Food, Agriculture, Forestry and Fisheries', 'Ministry of Knowledge Economy', 'Ministry of Welfare and Family Affairs', 'Ministry of Environment', 'Ministry of Land, Transport and Maritime Affairs', 'Statistics Korea', 'Korea Meteorological Administration', 'Korea Coast Guard', and many local governments.

Related regulations : 'Coastal Act' and '**Shared Marine area management and Landfill Act**', 'Harbor Act', '**Fishing and fisheries Act**', 'Domestic Water Act', 'Fishing boat Act' and so on





## Outcome we expect

- Effective protection people right on maritime area and environmentally sustainable use
- New job for spatial industry in private sector
- Reduce marine boundary disputes
- Seamless and integrated management on land and maritime area(12 nautical miles)



## In the future

- 『Maritime administrative boundary Act』 , 『Maritime use information Act』 regulation activity support
- Building on the seamless system to link land and maritime in the Central and local government
- Expanding and open the system to citizen
- Technical research to make effective maritime boundary extraction



