

Assessing Management Effectiveness and Implementing the IUCN Green List Initiative

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PA system in Korea

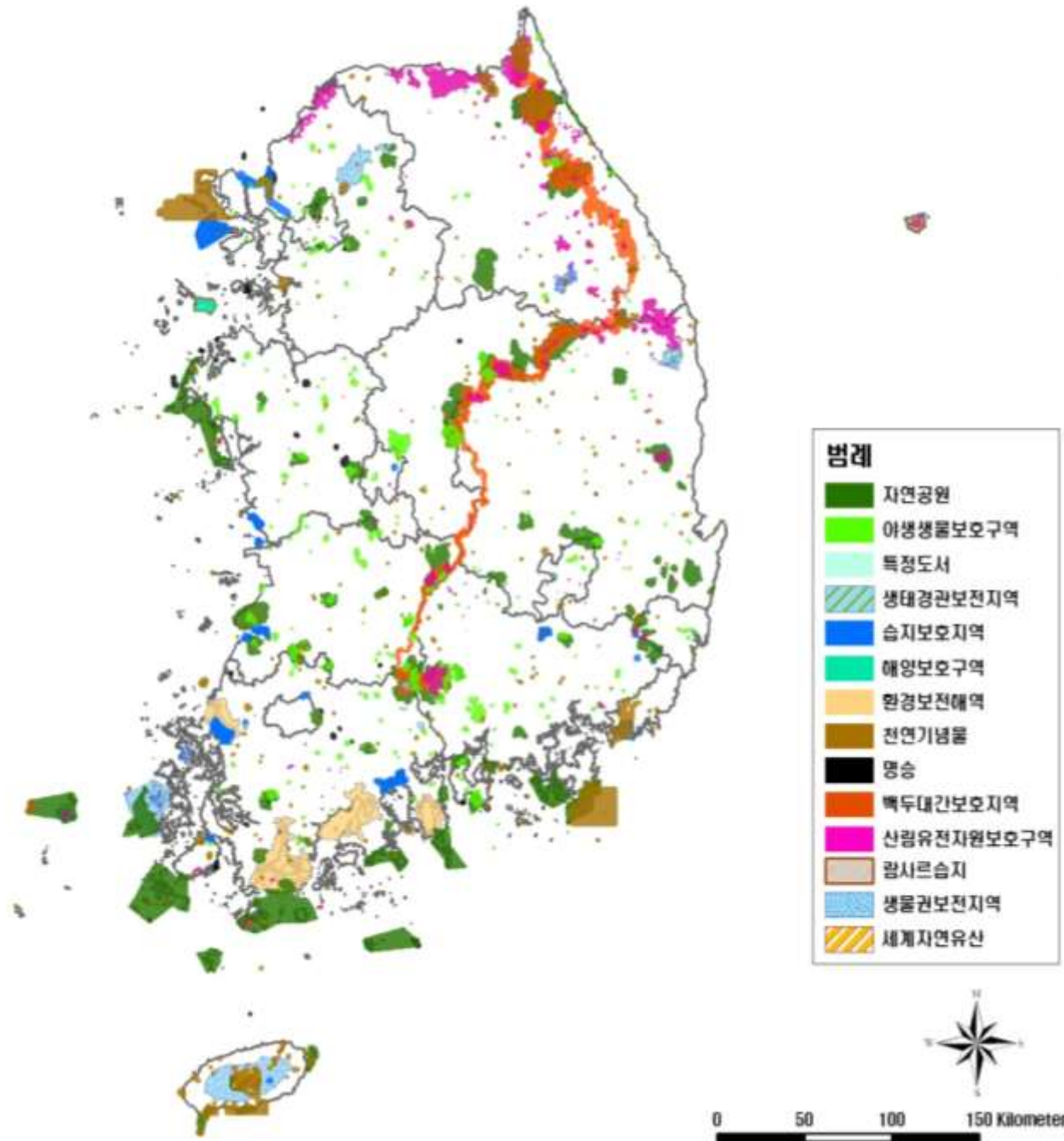
❖ National Protected Area System

Conservation Approach to Nature & Biodiversity

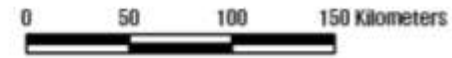
1) Designation and Management of Protected Areas	Around 10 kinds of Acts Around 15 types of PAs
2) Designation and Management of Protected Species	Endangered species Natural Monument

● Status of Protected Areas ●

- 1) Total number : 1,467 sites
- 2) Total area : 20,208.2 km²
 - Terrestrial Protected Area : 14,587.2 km² (about 10.3% of total territory)
 - Marine Protected Area : 5,351 km² (about 1.2% of territorial sea, EEZ)



- 범례**
- 자연공원
 - 야생생물보호구역
 - 특정도서
 - 생태경관보전지역
 - 습지보호지역
 - 해양보호구역
 - 환경보전해역
 - 천연기념물
 - 명승
 - 백두대간보호지역
 - 산림유전자원보호구역
 - 임시르습지
 - 생물권보전지역
 - 세계자연유산



02

First MEE on PAs in Korea (MoE, KNPS, IUCN)

■ Assessment Sites

- 39 protected areas (6,898 km²) managed under Ministry of Environment (National park, Ecosystem & landscape conservation area, Wetland protected area, Wildlife special protected area)
- PA systems in Korea

■ Timeframe : 2007. 12. ~ 2009. 7.

■ Assessment Method

- Self-assessment method(staff) at site-level evaluation
- Interview with PA staffs and stakeholders (about 100)
- Field mission with ERT members : 5 national parks, other 4 types of PAs
- Cross checked data and opinions (HQ staff, site staff)
- Others (official documents, corporate database, etc.)



In accordance with IUCN-WCPA Framework

■ Assessment Pro-forma(system-level)

- Context – 7 questions
- Planning – 7 questions
- Inputs – 6 questions
- Process – 16 questions
- Outputs – 2 questions
- Outcomes – 6 questions

■ Assessment Pro-forma(site-level) : based on NSW proforma

- Part A : Description
- Part B : Context information(values, threats, stakeholders, plans)
- Part C : Resource allocation(staff and budget)
- Part D : Management effectiveness
 - Natural resources management - 10, Cultural/historic resources management – 2
 - Visitor/recreation management - 9, Community Engagement – 6
 - Governance – 2, Management as a whole - 7

Evaluation Result (example)

1. Visitors

- **Total visitor number: 37,222,282, Average visitor number per square kilometer: approximately 5,396**
- **Visitor number per km² in Bukhansan NP (79.916km²): about 127,519**

Max	Min	Average number per km ²
10,190,803 (Bukhansan NP)	Sinan Jangdo Wetland PA (less than 10) Daeamsan Ecosystem & Landscape Conservation Area (218)	5,396

- **The visitor number that per regular staff : 42,932**

2. Residents in PAs

- **Total: 72,295 , No resident in 15 PAs**

Max	Min	Total
Dadohae Marine NP (19,645)	15 PAs (No resident)	72,295

3. Principal Values

- Natural/Ecological 36.3%, Landscape 17.4%, Cultural/Historic 12.9%**

	Number of answer	Rate(%)
Natural/Ecological	73	36.3
Landscape	35	17.4
Cultural/Historic	26	12.9
Research/Education	22	10.9
Recreation	17	8.5
Economic	13	6.5
Topographical/Geological	11	5.5
Water resource	3	1.5
		0.5

4. Current Threats

Category	PA	Rate (number)	Rate(size)
Visitor impact-inappropriate visitor behavior	28	60.87%	70.81%
Illegal Harvesting	26	56.52%	79.21%
Visitor impact-inappropriate use level	24	52.17%	42.83%
Invasive species	13	28.26%	16.10%
Infrastructure development inappropriate	12	26.09%	44.10%
Habitat/species isolation	12	26.09%	25.07%



❖ Ten key recommendations

An Ecosystem approach

1. Move from species to ecosystems

Coordinated approach to the protected area system

2. Strengthen system planning

3. Integrate management

Cooperation with different stakeholders

4. Improve local community relations

5. Interact with more interest groups

6. Improve regional integration

Increase management capacity

7. Enhance staff effectiveness and satisfaction

8. Diversify funding base

9. Focus research

10. Harmonizing the management of natural and cultural heritage



MEE Objectives versus Final Outcomes

OBJECTIVES	OUTCOME
<p>1. Implementation of CBD Recommendation</p> <ul style="list-style-type: none"> - Develop and adopt by 2006, appropriate methods, standards, criteria and indicators for evaluating the effectiveness of protected area management and governance, and set up a related database - Implement MEE at least 30 % of each Party's protected areas by 2010 	<p>Reflecting Korea protected Area Features</p> <ul style="list-style-type: none"> - Site and System level framework developed - Assessed about 42% of Korea PA in size.
<p>2. Review the PA management in Korea and suggest possible responses to enhance the PA management</p>	<ul style="list-style-type: none"> - Check current PA management status (site & system level) - Provide 54 possible responses(10 key recommendations)
<p>3. Capacity building of PA staff for better management of PA</p>	<ul style="list-style-type: none"> - Better understanding of current management status - Better understanding of overall management policy and relevant activities
<p>4. Assessment tailored to protected area</p> <ul style="list-style-type: none"> - Global comparison - Essential data for policy making 	<ul style="list-style-type: none"> - Use MEE results while assessing the performance of government organization in Korea - Support for policy making (Integrated PA management system)



03

Current Status of MEE in Korea



■ KNPS / MoE

- Built MEE on-line assessment system in 2011
- Input MEE into draft Natural Park Master Plan(2012)
- Conducting 2nd MEE (2013 ~)

■ Korea Forest Service

- Forest Protection Law (2012) :
 - Described MEE and encourage to reflect the results of MEE result their Management Plan (Forest Genetic Resources Reserve)
- Carried out MEE (Forest Genetic Resources Reserve) in 2012

■ Ministry of Oceans and Fisheries

- Implemented Score-card Method in 2008, 2009, 2011
- Focused on evaluating the management projects of local governments
- Trying to improve the methods.



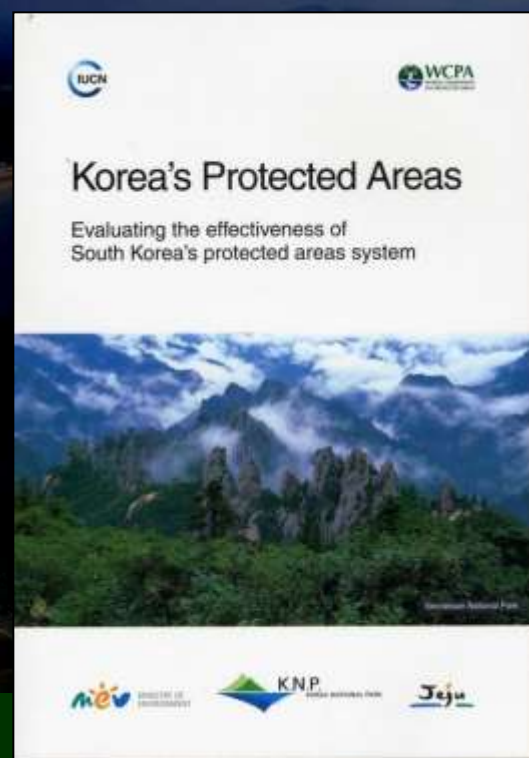
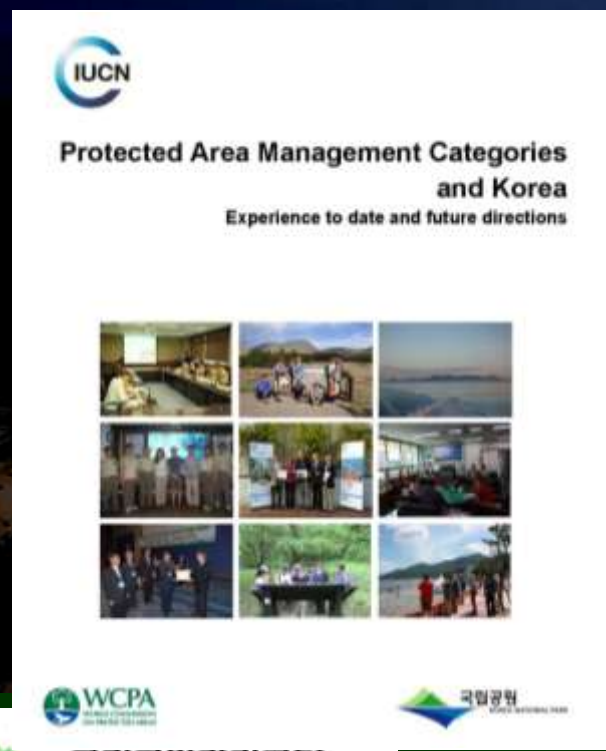
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IUCN Green List Initiative



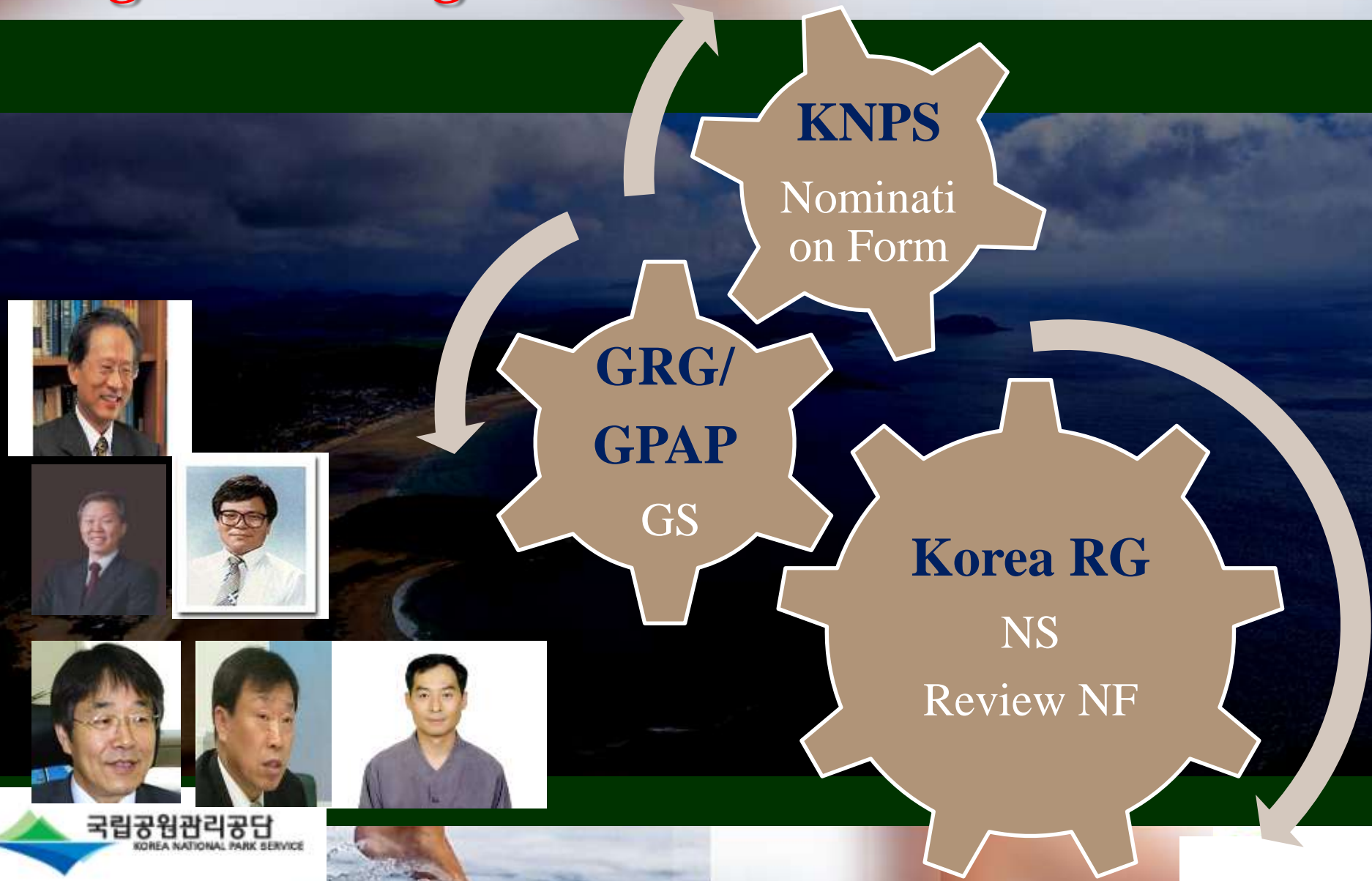
Why are you involved in Green List?

○ Directing point of NP Management



**Well-
managed
National
Parks in
KOREA**

Organisation/governance structure



Expectations to the GL

- Highlight the management success
- Learn from the successful experiences globally
- Global Bland: Certify the effective management



What activities are completed?

- Organized National Reference Group (June.'13)
- Reference Group Meeting: 2 times(June, Sep.'13)
- PA manager CC workshop for MEE (Sep.'13)



What activities are planned?

- MEE for 20 National Parks
- Sort out 5 candidate sites of GL (KNPS, RG)
- Develop Nomination Form (KNPS, RG)
- Make 5 Nomination Documents (KNPS)
- Review 5 nomination documents (RG)

Future actions

- Link MEE with IUCN GL initiative
- Promote to assess other PAs, which are not evaluated
- Reflect the results to update management plan
- Construct adaptive management system



Thank you...

