



**The International Workshop on the Removal and Mitigation of  
Perverse, and the Promotion of Positive, Incentive Measures  
CBD**

**Japanese Approach on  
Positive incentive in  
Biodiversity (e.g. PES)**

**7 Oct. 2009**

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# Economic Instruments in Japan

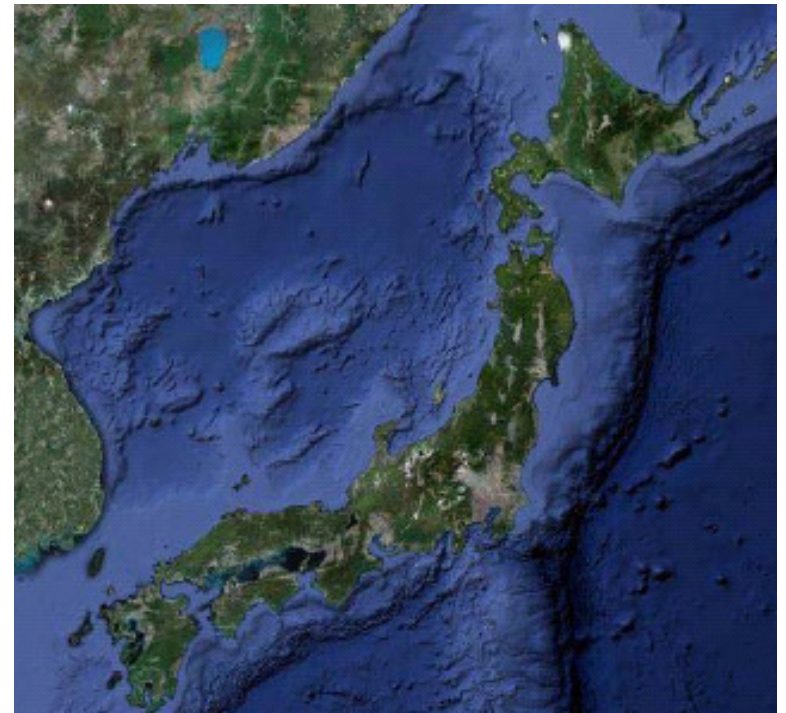
## not so many

<Japan: 11>

<i>Inland water ecosystems(4)</i>		
1	Charge on abstraction of water from rivers	PB
2	Fee for use of water in reservoirs(dams)	PB
3	Wastewater user charges	PB
4	Fund for river development	SU
<i>Marin and coast(2)</i>		
1	Penalty on use of explosive/poison	LI
2	Penalty on reclamation etc. of protected water area	LI
<i>Agriculture(1)</i>		
1	Fund for river development	SU
<i>Forest(0)</i>		
<i>Mountain(2)</i>		
1	Government subsidies for development of Quasi-National Parks and Long-Distance Nature Trails ( <i>post-2004</i> )	SU
2	Government subsidy for improvement in natural parks and promotion of co-existing with nature	SU
<i>Dry and sub-humid lands(0)</i>		
<i>Species management(1)</i>		
1	Hunting tax	PB
<i>Others; e.g. land/soil management, ecotourism, mining, etc (1)</i>		
1	Japan Fund for Global Environment	SU

# Historical forest management

- Forest area: 67% of total land
- Long history of conservation of water resource forest, like PES
  - e.g. Tokyo gov. managed forest from 1901.
  - e.g. Electric company bought and managed forest from 1920s.



# PES like approach

- Prefecture level:
  - 29 prefectures introduced forest conservation tax on water use started from 2003
    - Mostly JY500/person
- City level:
  - e.g. Toyota city water resource conservation fund from 1994
  - Yokohama city
  - Etc.
- Central government level
  - Especially for agriculture and forest

# Issue

- Definition of PES is unclear
  - Tax rate is inappropriate.
  - Use of revenue is not enough for conservation purposes
- Direct negotiation: mainly company and land owners, and downstream gov. and upstream gov.
- Governmental intervention: mainly in local governments.