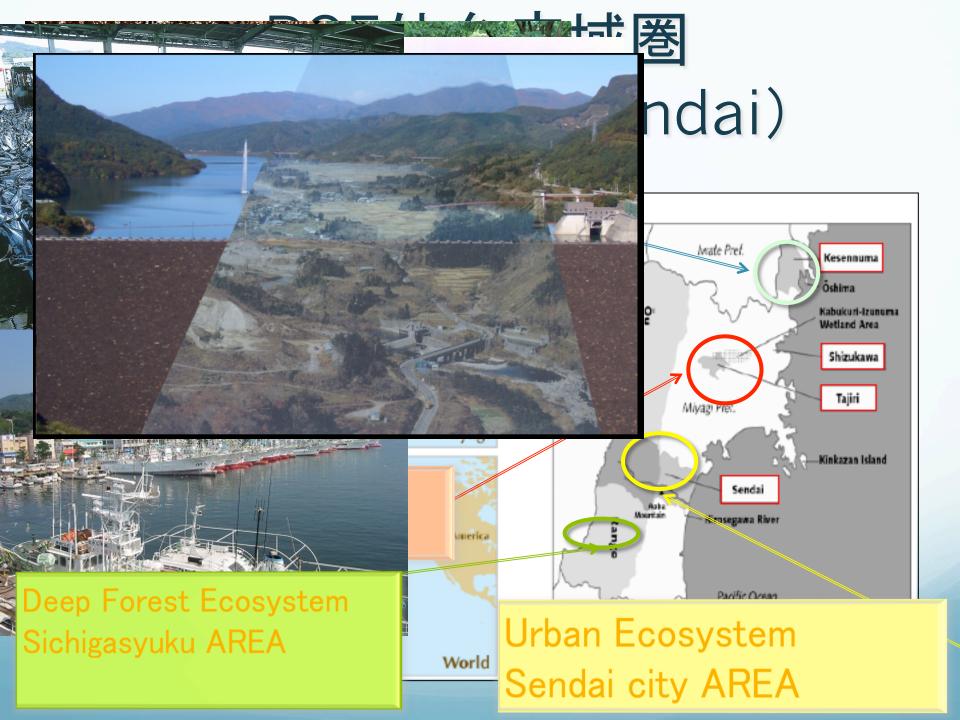


The RCE Greater Sendai: The Regional Sustainable Development, Contribution to the Ecosystem Diversity and Their Interlinkage, Deep-Forest, Satoyama-Forest, Urban area, Rice Paddy and Sea Coast Ecosystems.

Satoshi SHIMANO, Ph D
(Miyagi University of Education)
RCE Greater Sendai



Focus on Wetland and Rice paddies

豊葦原瑞穂の国 Toyoashihara, mizuhonokuni

In ancient period,
Japan is called "the country of
rich reed and rice".

Typical Japanese Country side



Reed grass: Phragmites



Registered wetlands under Ramsar Convention in Japan

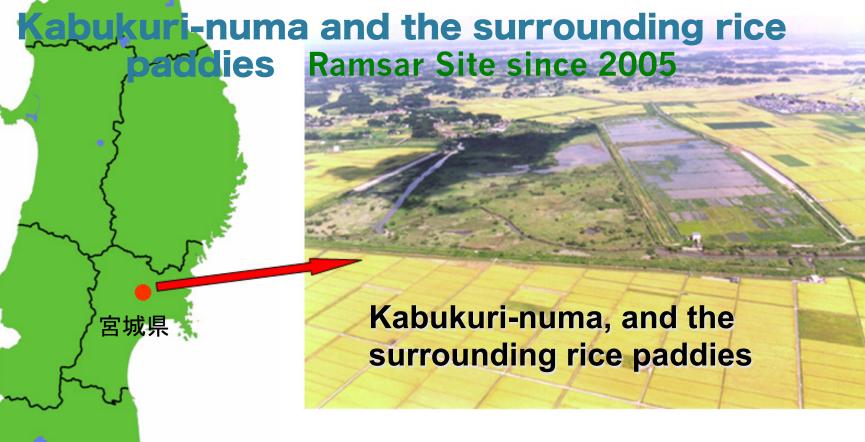
37 sites (2008/11)



Ministry of Environment 環境省自然環境局野生生物課 HPより http://www.env.go.jp/nature/ramsar/conv/2-3.html

ラムサール条約湿地 登録湿地数 37ヶ所 総 面 積 131,027 ha

Location of Kabukuri-numa, and the surrounding rice paddies

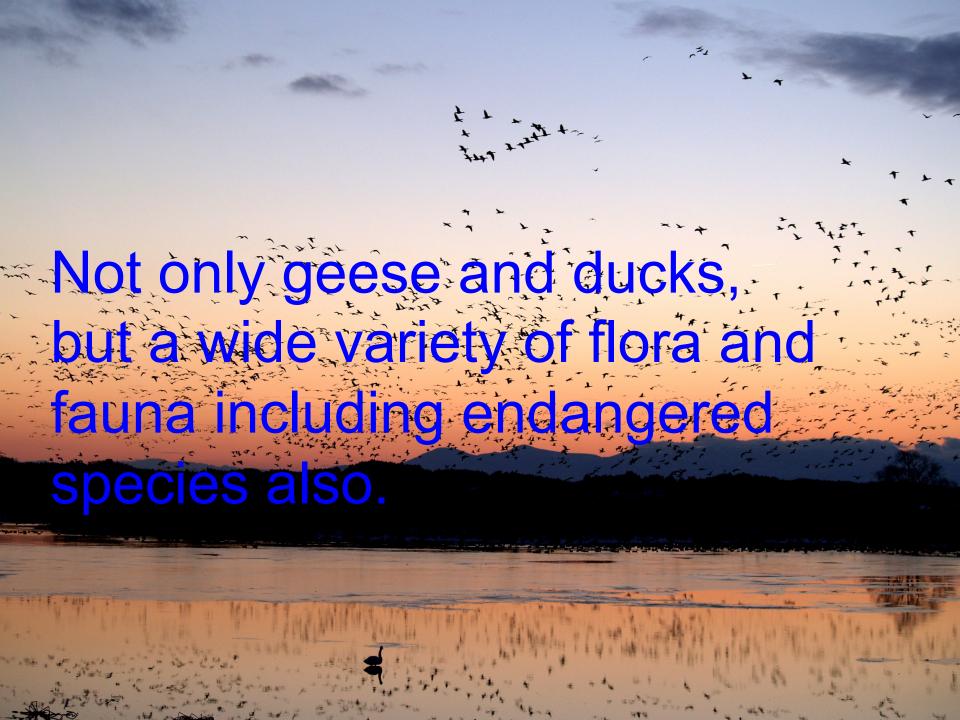


Miyagi prefecture



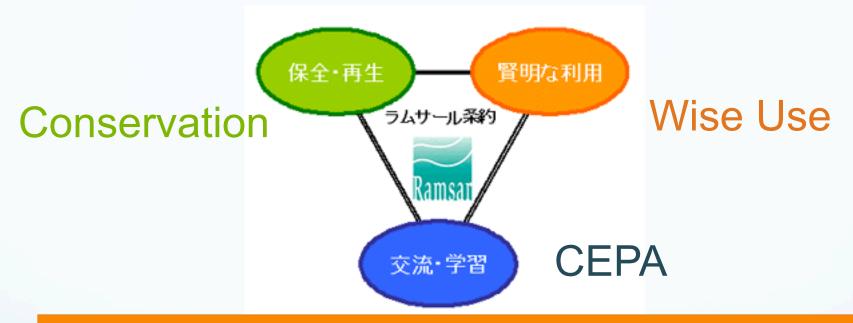
•Around 95% of Japanese geese come to Tajiri area. (Before, geese were spread to all Japan area. Since swamps were decreased, geese massed in this area).





Ramsar Convention

since 1971, Iran



Wise use of wetlands is the maintenance of their ecological character, achieved through the implementation of ecosystem approaches, within the context of sustainable development.

Developing Communication, Education, Participation and Awareness (CEPA) as a powerful tool for the conservation and wise use of wetlands

Following the first CEPA Resolution, VII.9, adopted at COP7 in 1999, and the second, Res VIII.31, adopted at COP8 in 2002

"Wetland CEPA program"



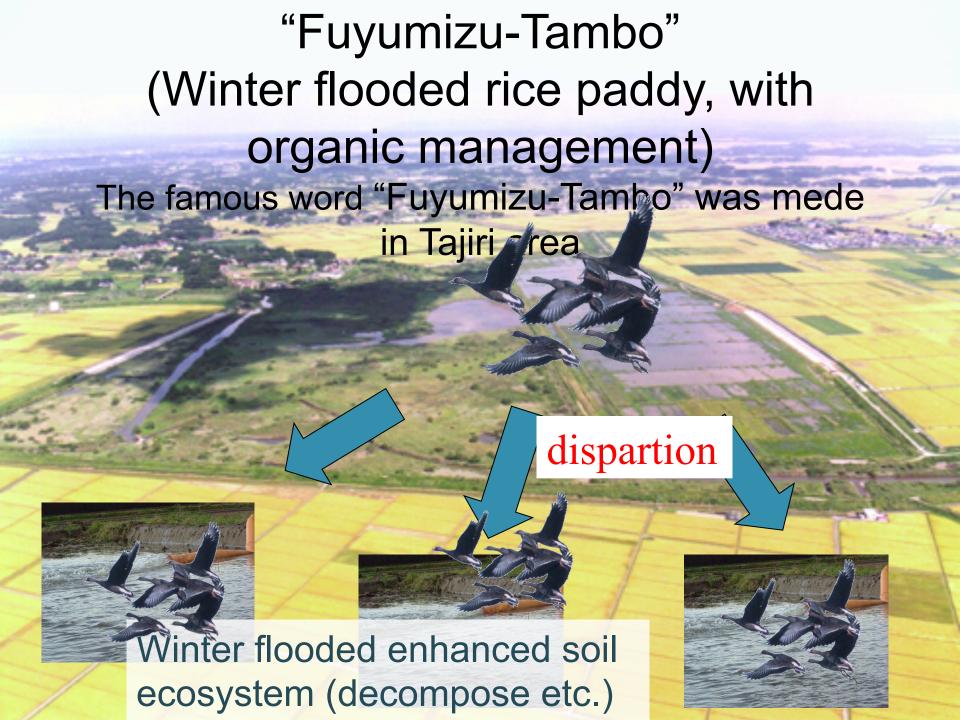
10th Meeting of the Conference of the Parties to the Convention on Wetlands (Ramsar, Iran, 1971)

"Healthy wetlands, healthy people"

Changwon, Republic of Korea, 28 October-4 November 2008

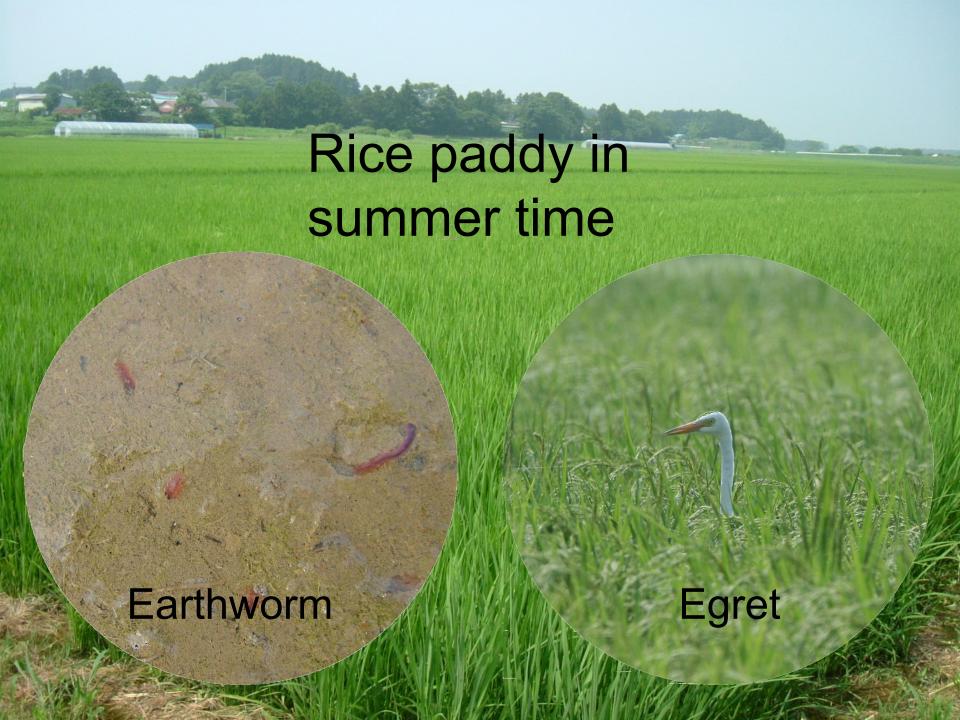
Resolution X.8

The Convention's Programme on communication, education, participation and awareness (CEPA) 2009-2015









Understanding and willingness of FARMERS

 Investigation of biodiversity by farmers themselves.



- Value-added on their rice
- Steady demand on their rice



























Meeting with consumers and farmers



GEESE



Harmful birds

(poor understanding by local farmers)

ESD/CEPA change life of farmers and life of geese.

- Assistant and Friends
- Value-added on their rice
 (well understanding by farmers, and)

