

Landscape Management Inducing Local Potential

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Student

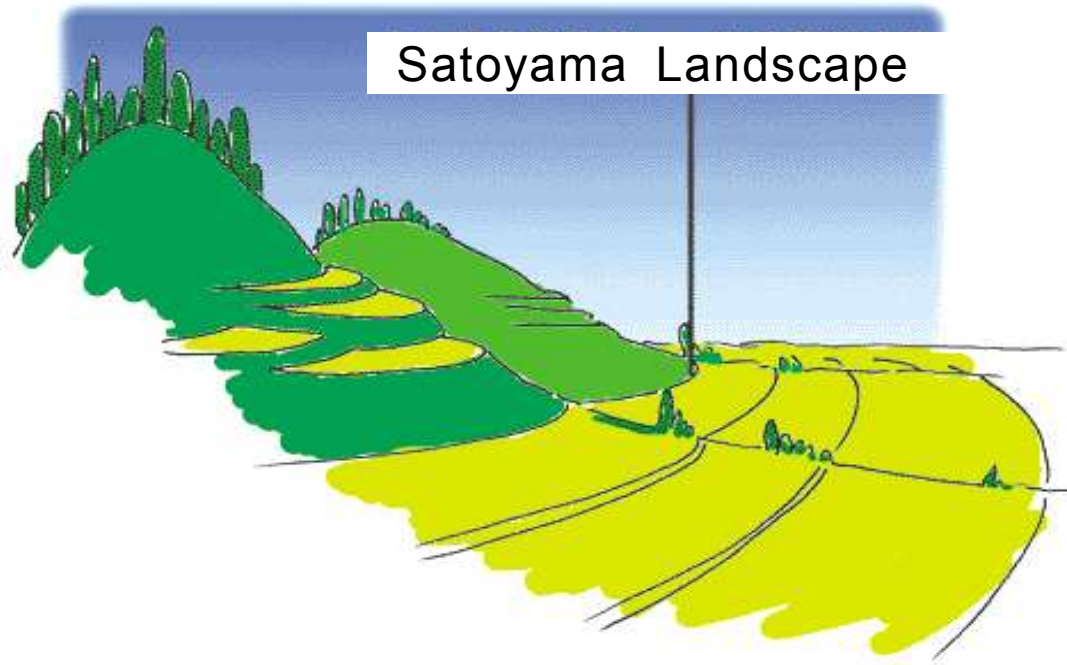
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Three introductory questions...

- ▶ Why do you think we need to sustain and manage the landscape?
- ▶ How can we live in harmony with nature without sacrificing the human activity?
- ▶ What might be the best way to live in a sustainable life?



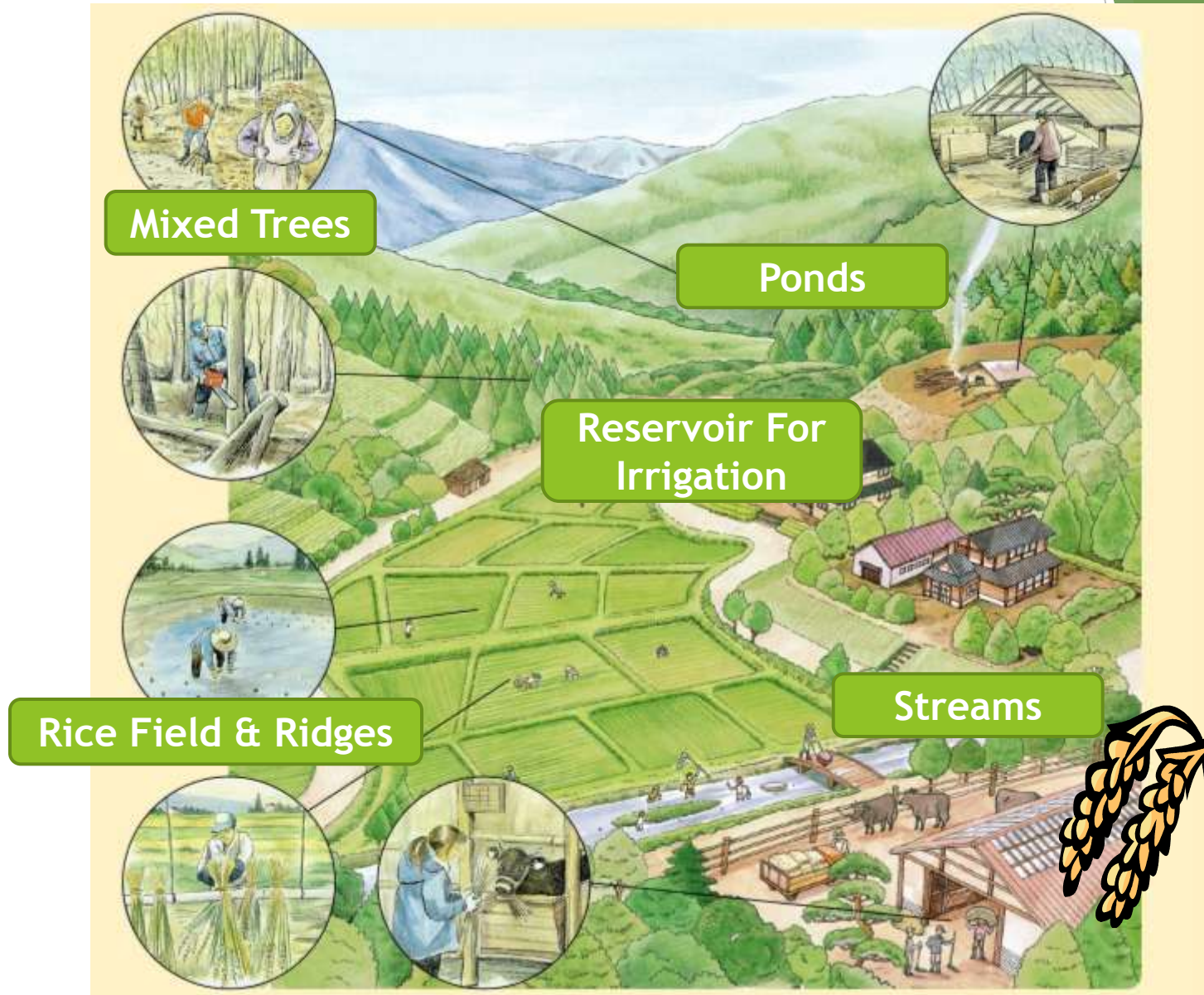
“Satoyama” is the **KEY** of these questions.



Satoyama Landscape

Satoyama is a traditional style of agricultural and cultural landscape, which can produce not only foods, but also allows existence of various habitats for wild species.

producing process will bring up an ecosystem





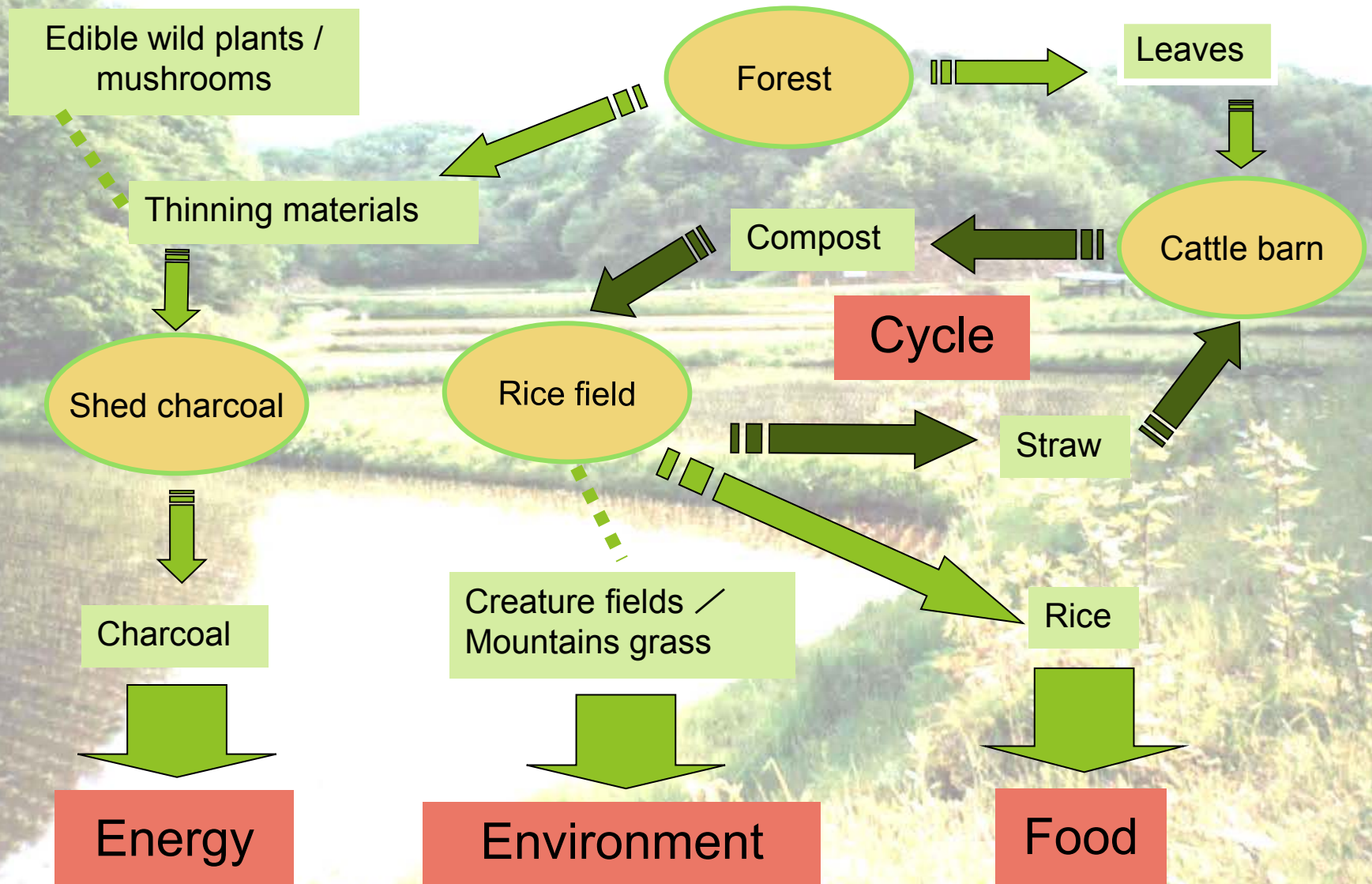
Satoyama can produce
various landscape and
environment



Rich Biodiversity



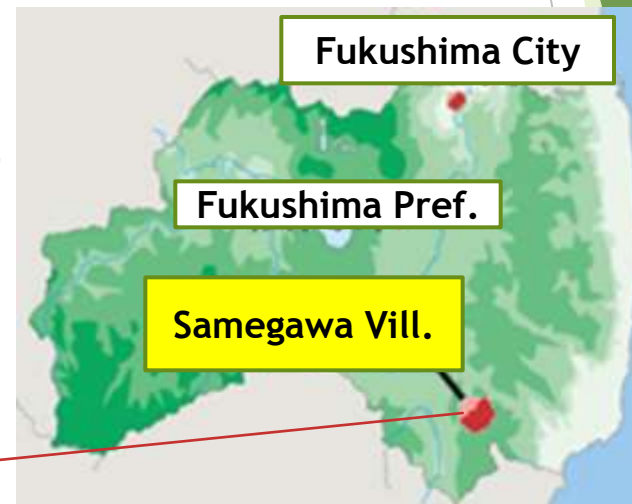
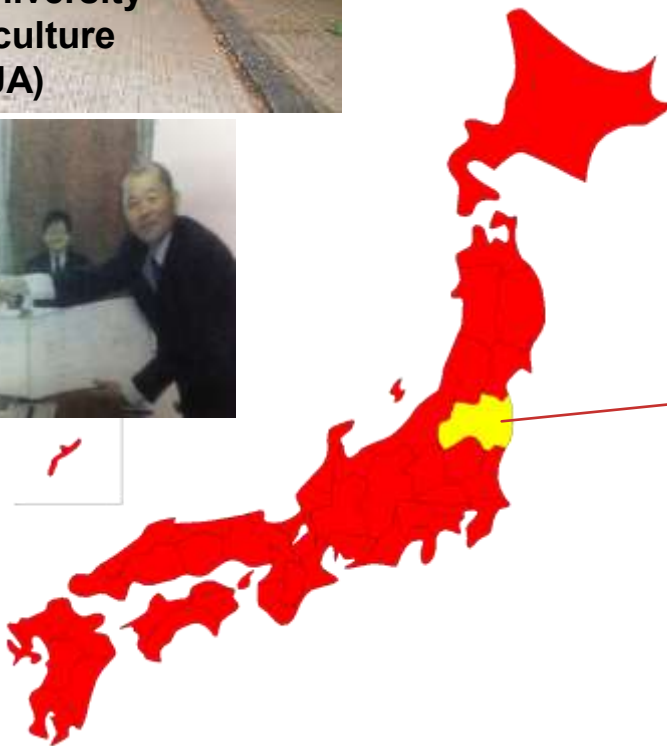
well designed eco-friendly farming systems





Landscape of satoyama is about to ruin due to
lack of young successive farmers and
increase of abandoned forests and farmlands.

Collaboration between TUA and Samegawa Village



Area: 131.3km²
Population: 4,051 people(2011)
Average Temp.: 10.1°C (50.2F)
Forest Covering Rate: 58%

Collaboration with local farmers of Samegawa



1. Educational program

Satoyama Preservation Project

- ▶ Maintenance activities by TUA students
- ▶ Satoyama Landscape Park (Tateyama Park)

Satoyama preservation Project in Samegawa 2012



Apr. 21 composting



Jul. 21 weeding



May. 26 rice planting



Oct. 6 rice reaping

Maintaining the trees



Natural oven making

Charcoal making

Satoyama Preservation Project "Satoyama School"

Collecting fallen leaves



Before



After



Spreading the leaves



Composting

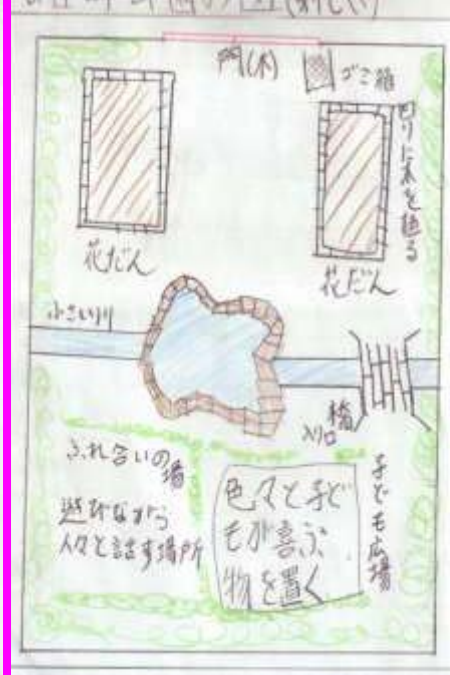


**Satoyama Preservation Project
"Satoyama School"**

Planting in abandoned farm field



**Satoyama Preservation Project
"Satoyama School"**



こんな館山公園にしたい
やってみようこと
ビオトープみたいだに池を作って、生き物を
はなす。
これにしたいするために、ゴミをすてない
花たんを作った。花をうえる。
たんけんコースを作る。
リロにゴミ箱を置く
る前に自分を持っているゴミを入れてから
る。
コースは、いろいろな場所に作る



2005 Feb. Workshop with 24 local elementary school children in Satoyama Preservation project

2005 Nov.

Start Planning Satoyama Landscape Park (Tateyama Park)



水と緑の散歩道



冒険遊び場



林の中に点々とみられる
サクラ本来の生きざまの風景は、
サクラの薄ピンク、新緑の淡い緑とスギの濃緑の
コントラストの大変美しい里山の景観です。



凡例	
①	エドヒガンザクラ
②	さくら
③	ヤマザクラ
④	ウツミザクラ
⑤	さくら
⑥	ハナツバキ
⑦	ウツミザクラ
⑧	イタヤカエデ
⑨	スギ
⑩	コナラ
⑪	クヌギ
⑫	イヌブナ
⑬	ヤマブナ



About 100 volunteering people of TUA and local inhabitants participated maintenance of Tateyama Park.

2. Contribution of Research

Temamekan and Biomass Center

- ▶ Local Production Center for local people (Temamekan)
- ▶ Biomass Center to circulate local resources



In order to sell farm products, TUA produced a direct sales store (*Temamekan*) with local farmers, and contributed to make employees.



100,000 visitors
per year

A target figure of annual sales
was 30 million yen, however...

2006 ... ¥45million/ year

2007 ... ¥70million/ year

2008 ... ¥86million/ year and...

¥100million/ year

(2009)



Temamekan (Local Production
Center for Local People)

Feces and urine
from stockbreeder

Woods by thinning
the forest

Samegawa Biomass Center

Well made
compost

Firewood

Organic
farm
products

Fodder



Hot Springs



Biomass Center

Advantage of collaboration between TUA and Samegawa

- ▶ 1. Educational program
 - environmental education
 - connection between urban and rural
- ▶ 2. Contribution of Research
 - inducing local potential
 - economical sustainability within local community

Thank you for your kind attention

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