# Osaki Kodo's Traditional Water Management System for Sustainable Paddy Agriculture

Implementation, coordination

### Adjusted distribution of water resources



Farmer-led adjustments enabling rotational irrigation scheduling and reuse of water

Stable supply

**Environment rich with** living creatures

### *Igune* woodlands surrounding houses



Multilayered tree species "Forest floating in the rice paddy provides habitats for frogs and

Wisdom to live in rice paddy area

#### Traditional water management system -keiyakukō-based management



## Traditional water management

Cultivation techniques to overcome yamase winds

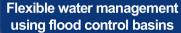


Agriculture in coexistence with rice paddy wetland biodiversity

#### Food and livelihood supported by agricultural production



Flood control





Flood control basin incorporating rice paddies to reduce inundation damage

Damage reduction

#### **Pest control**

Symbiotic relationship between biodiversity and agriculture



Natural enemy-oriented pest control



Wintering of greater white-fronted geese

Creating value through

# Landscape and traditional culture fostered in Osaki Kodo, efforts for preservation



mochi cuisine

# Landscape created through paddy agriculture



Efforts to preserve agricultural system

