



**Session 5 Global Environmental Commons:**

**Co-designing solutions to integrate SDGs into policies and practices thru education and capacity development**

# **FROM SDG6 (IWRM) TO ALL SDGs**

## **THE ISSUE OF INTEGRATION OF SDGS IN POLICY AND PRACTICE**

Thursday, 9 July 2020

HAYAKAWA Jun

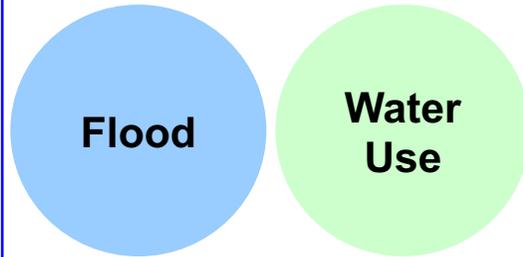
Senior Officer for Wide-area Water management,  
Kanto Regional Development Bureau, MLIT, Japan



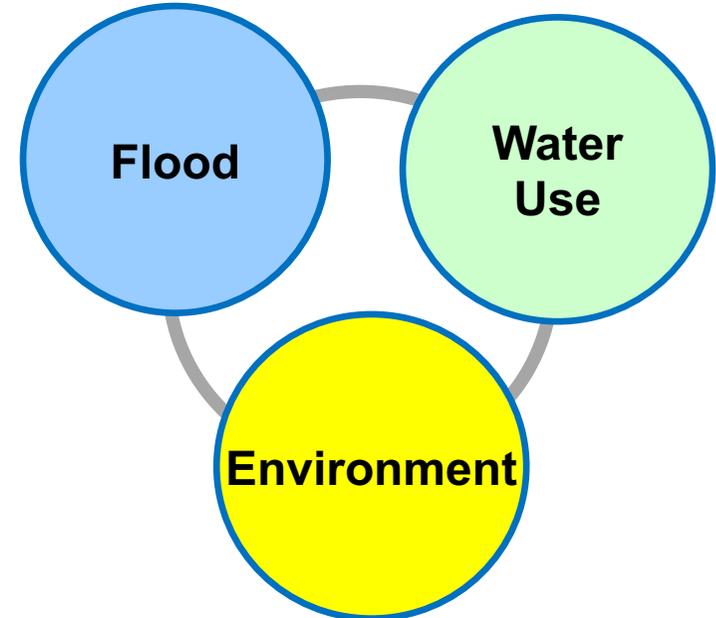
**1896-**  
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**1964-**  
(56years ago)



**1997-**  
(since 23years ago)



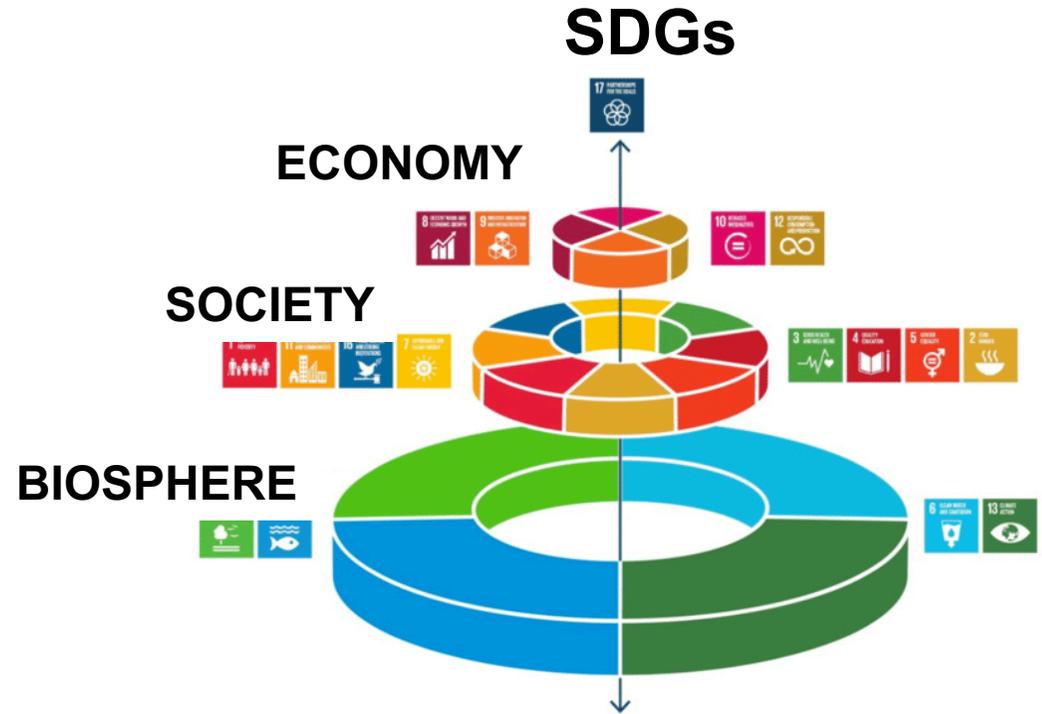
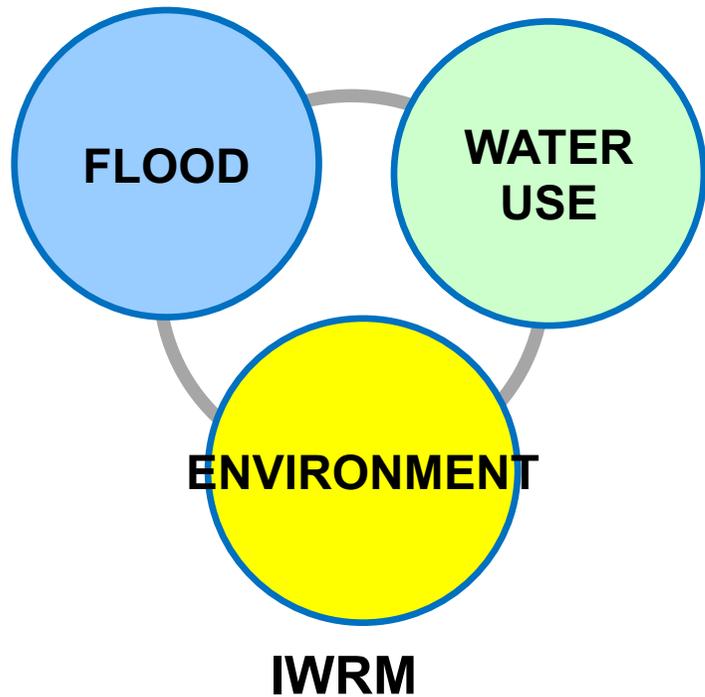
**IMPROVED INTEGRATED RIVER BASIN**  
**MANAGEMENT SYSTEM**

Implementation Plan Formulation by hearing opinions from governors, local experts and residents

**INTEGRATED RIVER**  
**BASIN MANAGEMENT**  
**SYSTEM**

- One River, One Plan, One Management
- Implementation Plan Formulation by hearing opinions from governors and experts

## BASIC POLICY OF RIVER LAW IN JAPAN Since 1997



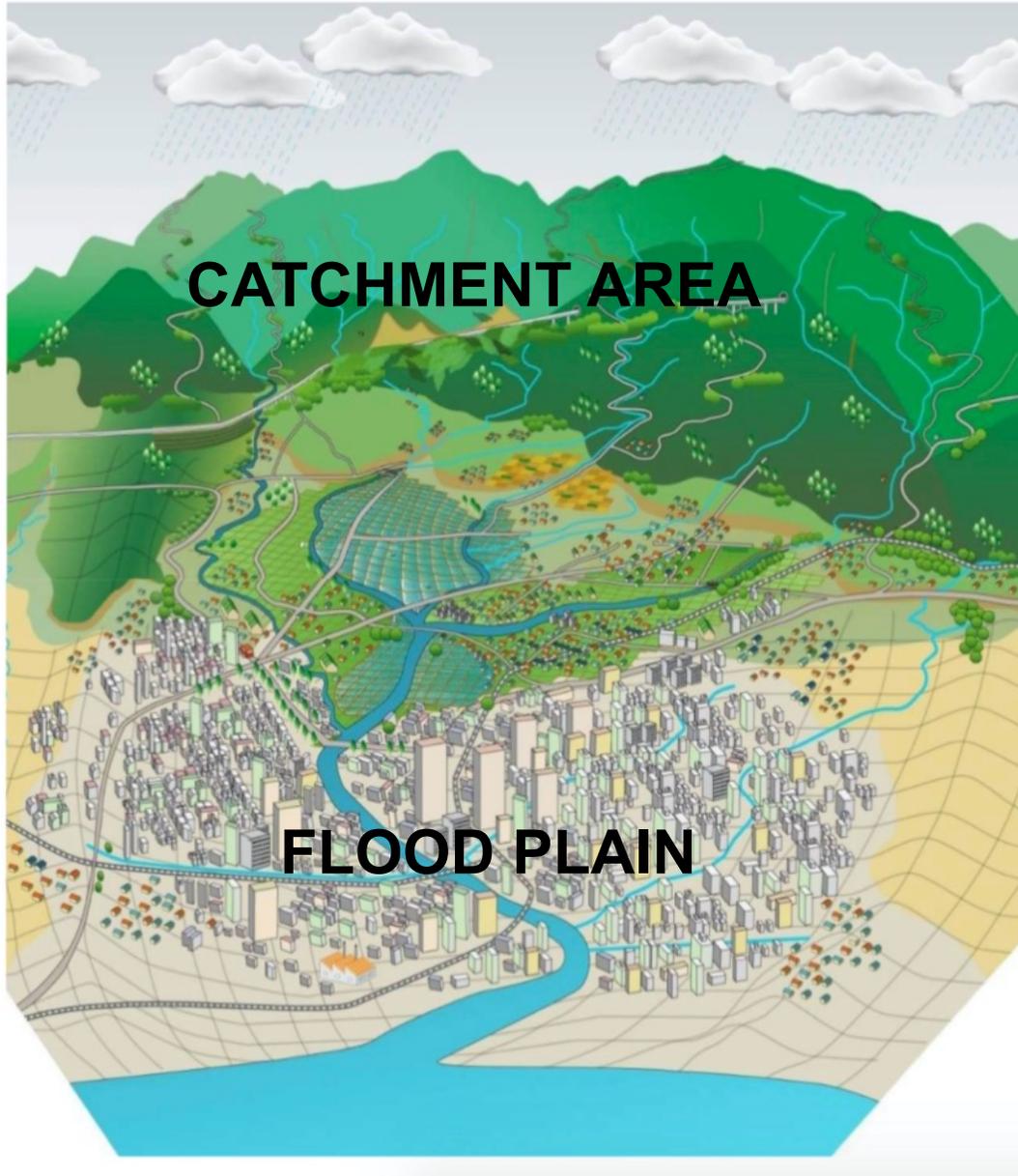
Source: Stockholm Resilience Centre, Stockholm University  
<https://www.stockholmresilience.org/>

### 6.5.1 Degree of integrated water resources management implementation (0-100)

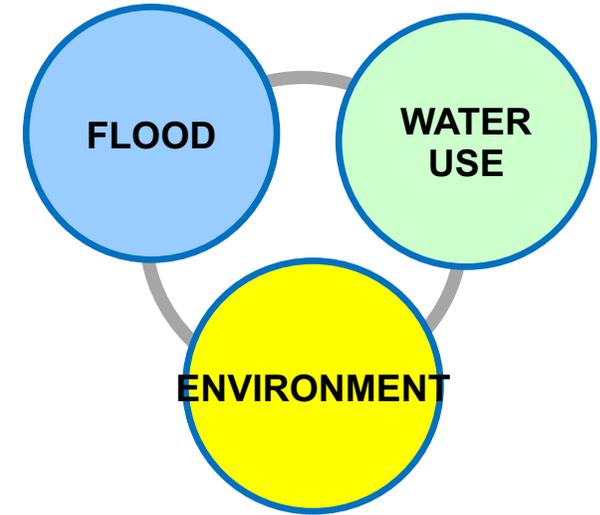


Source: UN Water <https://www.sdg6data.org/maps>

# COMPREHENSIVE RIVER BASIN MANAGEMENT WITH MULTI-STAKEHOLDER PARTNERSHIPS



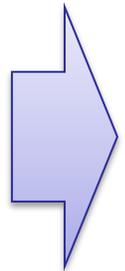
## BASIC POLICY OF RIVER LAW



## MULTI-STAKEHOLDER PARTNERSHIPS

**River Manager**  
**Local governments**  
**Municipalities**  
**Sewage managers**  
**Water Users**  
**Farmers**  
**Private enterprises**  
**Transportation managers**  
**Residents etc.**

# ALL SDGs ARE INTERRELATED



Source : The image is made based on a book written by Dr.Tetsuo Suwa, faculty of Education, Gakushuin Univ.

# RIVER BASIN APPROACH TO ALL SDGs

**Participation and collaboration of all stakeholders in one river basin**

Ensure public access to hydrologic data

**Biodiversity**

Reduce marine debris and nutrient pollution

**Climate Change Adaptation/Mitigation**

Reduce wastes release to water

**Integrated and sustainable human settlement planning**

**17 PARTNERSHIPS FOR THE GOALS**

**1 NO POVERTY**

**2 ZERO HUNGER**

**3 GOOD HEALTH AND WELL-BEING**

**4 QUALITY EDUCATION**

**5 GENDER EQUALITY**

**6 CLEAN WATER AND SANITATION**

**7 AFFORDABLE AND CLEAN ENERGY**

**8 DECENT WORK AND ECONOMIC GROWTH**

**9 INDUSTRY, INNOVATION AND INFRASTRUCTURE**

**10 REDUCED INEQUALITIES**

**11 SUSTAINABLE CITIES AND COMMUNITIES**

**12 RESPONSIBLE CONSUMPTION AND PRODUCTION**

**13 CLIMATE ACTION**

**14 LIFE BELOW WATER**

**15 LIFE ON LAND**

**16 PEACE, JUSTICE AND STRONG INSTITUTIONS**

**Water-related Disaster Risk Reduction (DRR)**

Reduce damage to agricultural products due to water-related disasters

Ensure healthy lives and promote well-being with water (Reduce the spread of COVID-19)

**Lifelong learning for Environment & Disaster prevention**

Reduce cleaning activities after water-related disasters

**Comprehensive River Basin Management (IWRM)**

Clean water for handwashing

Reduce damage to energy facilities due to water-related disasters

Eco tourism

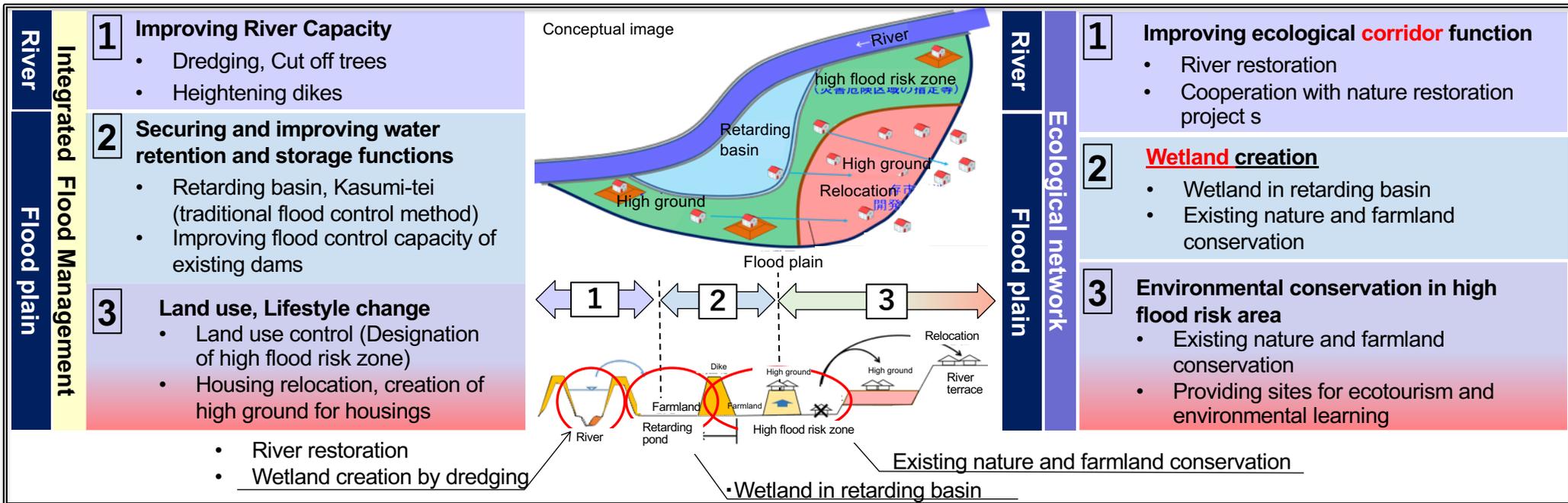
Build water-related resilient infrastructure

Upstream-downstream balance

**RIVER BASIN APPROACH**

## Comprehensive River Basin Management (IWRM)

Participation and collaboration of all stakeholders in one river basin  
Multi-stakeholder partnership



### Integrated Food Management

### Ecological network

### Local Economy

