



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

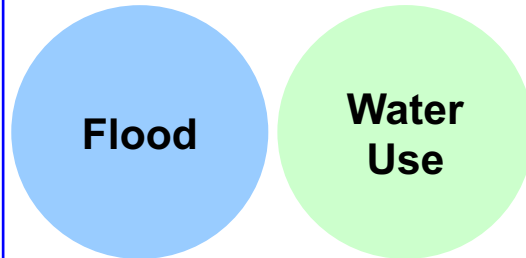
Senior Officer for Wide-area Water management,
Kanto Regional Development Bureau, MLIT, Japan



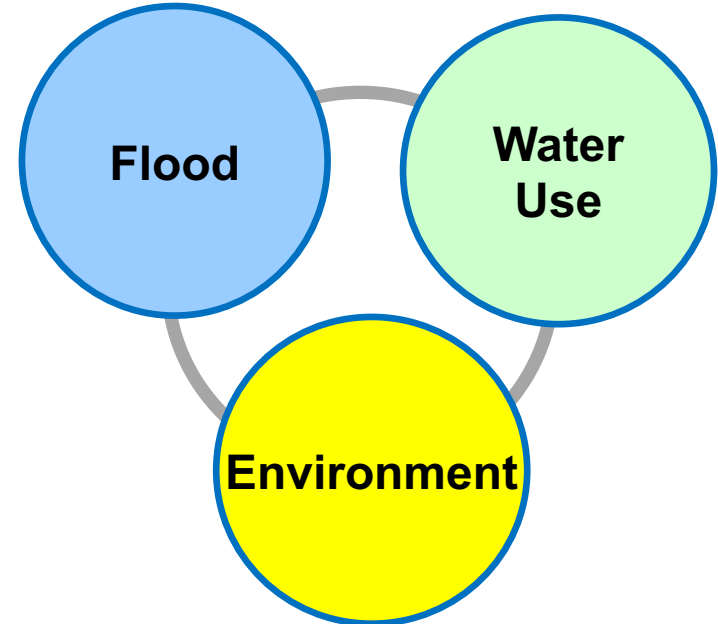
1896-
(124years ago)



1964-
(56years ago)



1997-
(since 23years ago)



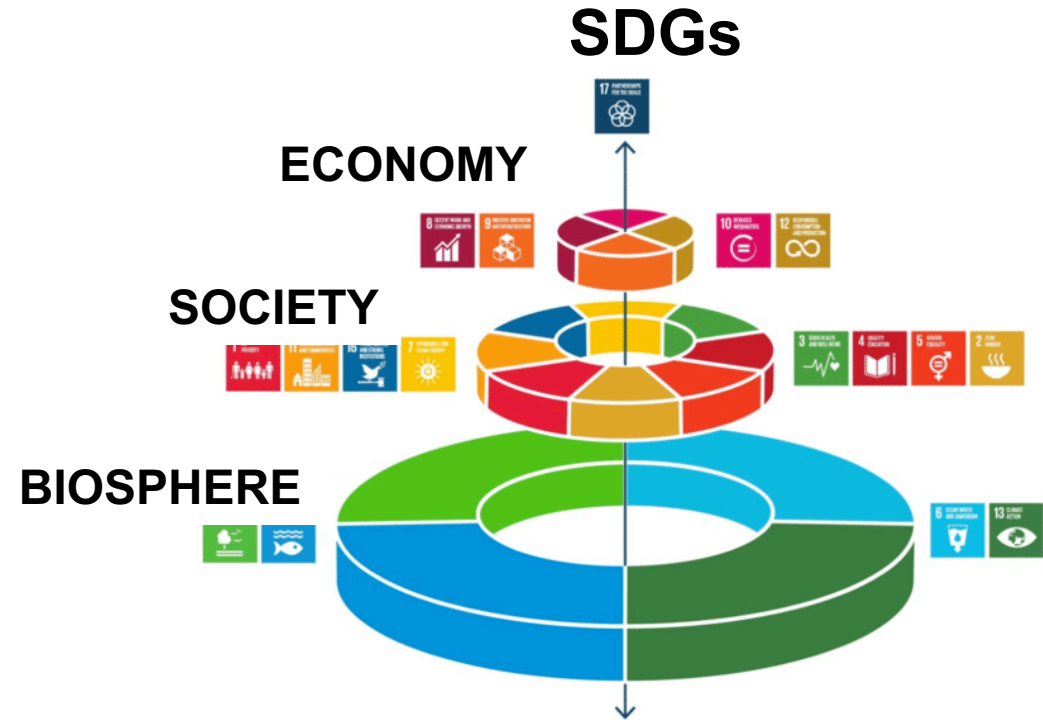
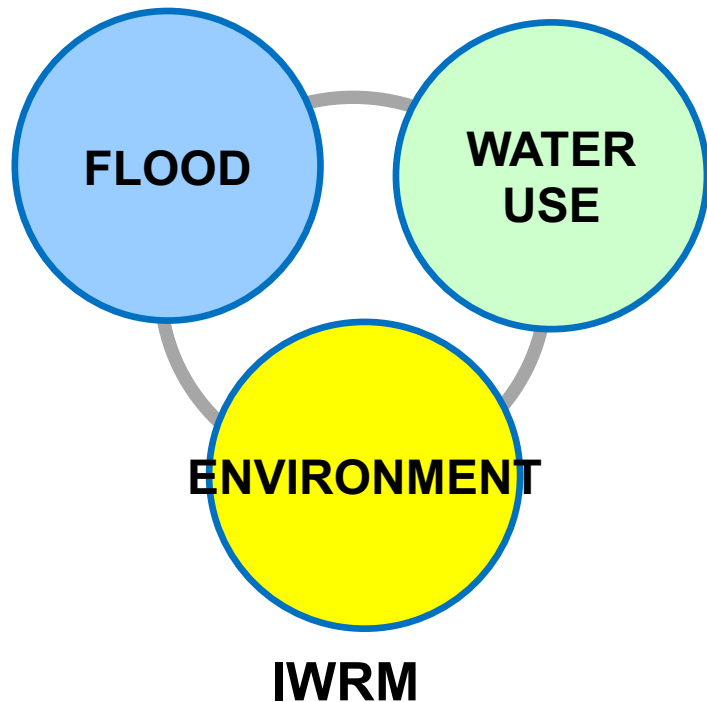
**IMPROVED INTEGRATED RIVER BASIN
MANAGEMENT SYSTEM**

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

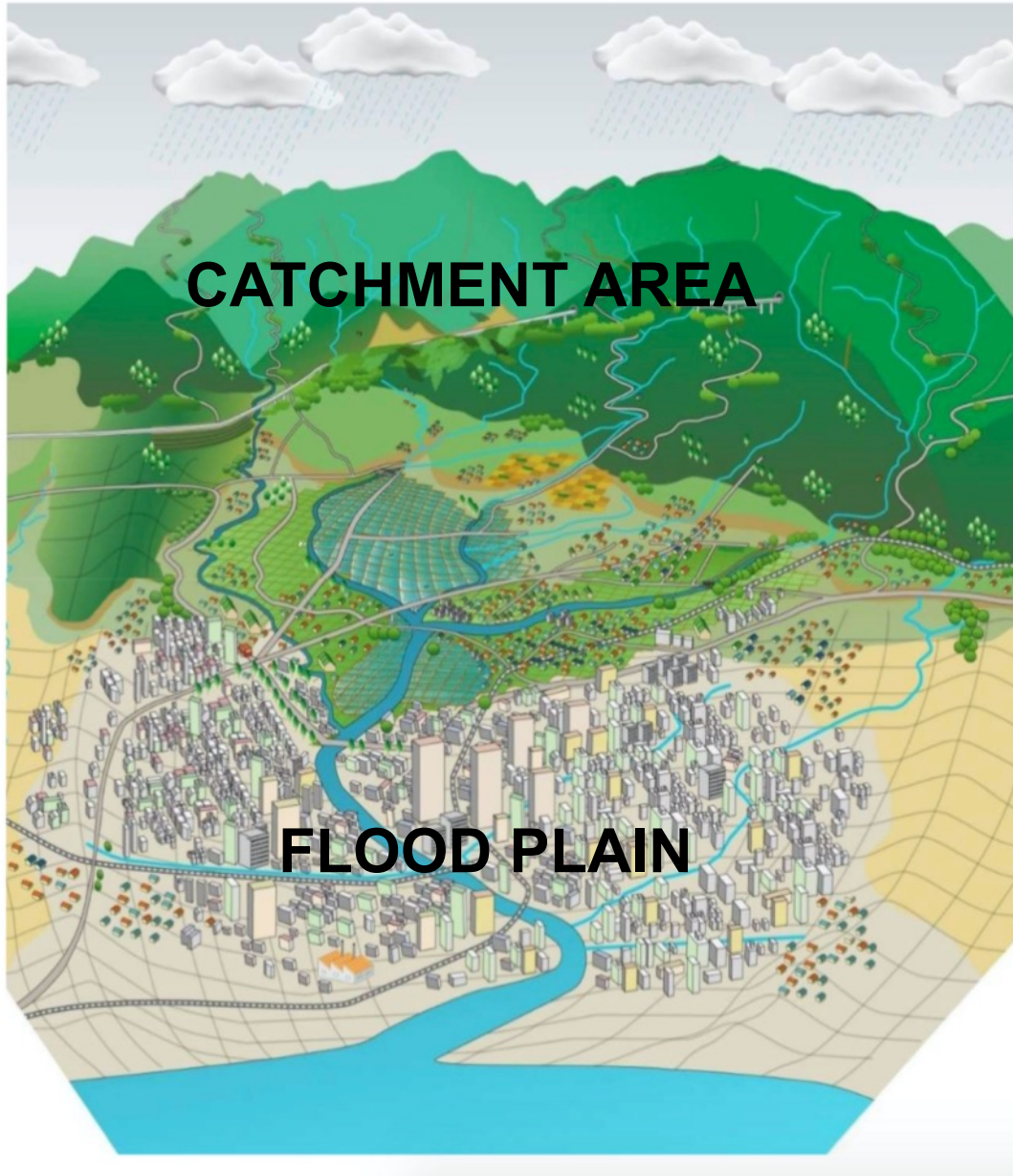
<https://www.stockholmresilience.org/>

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

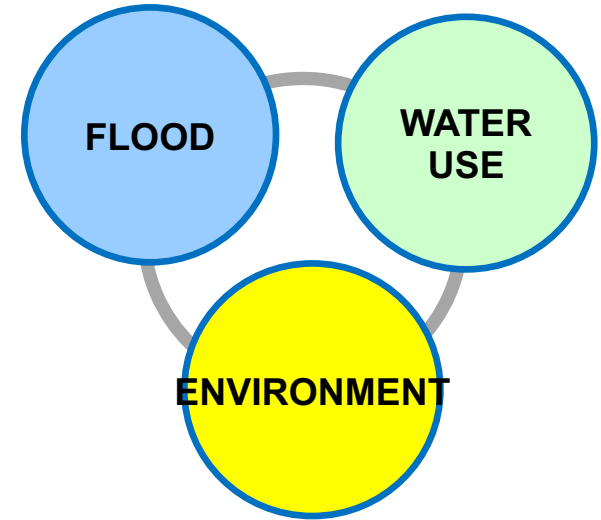


Source: UN Water <https://www.sdg6data.org/maps>

COMPREHENSIVE RIVER BASIN MANAGEMENT WITH MULTI-STAKEHOLDER PARTNERSHIPS



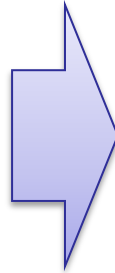
BASIC POLICY OF RIVER LAW



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



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



11 SUSTAINABLE CITIES AND COMMUNITIES



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

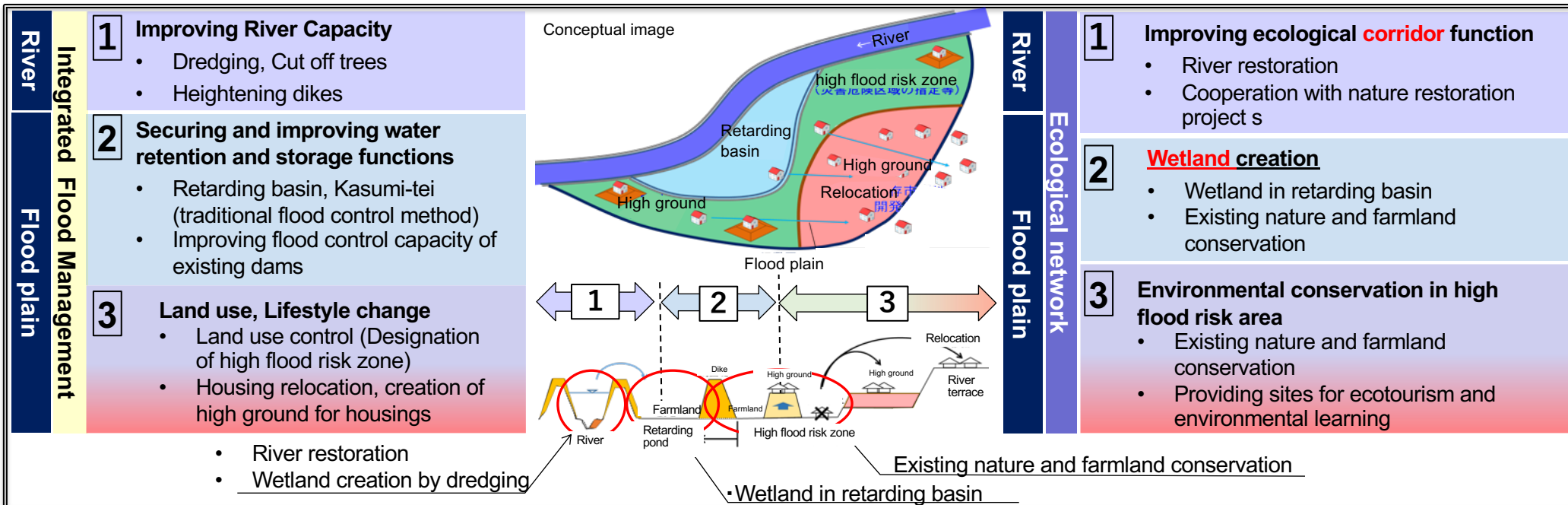
Build water-related resilient infrastructure

Upstream-downstream balance



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

Disaster Risk Reduction

Sustainable and Resilient City

Climate Change Adaptation

Lifelong Learning for Environment & Disaster Prevention

Biodiversity

Climate Change Mitigation

Sustainable Eco tourism Business

Branding Agricultural Products

