



**LEADERSHIP FOR IWRM PROFICIENCY TRAINING**

**“Preparing our river basin for the future”**

**22 - 23 November 2011**



# **Role of Head (General Manager) of River Office in Japan (Required Leadership for IWRM)**

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**Directorate General of Water Resources**

**Ministry of Public Works**

**Republic of Indonesia**

# **River Management in Japan**

## **Water and Disaster Management Bureau**

(Previous “River Bureau”, Reorganize from July 2011)

## **, Ministry of Land Infrastructure Transport and Tourism**

◆ **General Affairs Division**

◆ **Water Administration Division**

◆ **River Planning Division**

◆ **River Environment Division**

◆ **River Improvement and Management Division**

◆ **Disaster Prevention and Relief Division**

➤ **Water Resources Department**

➤ **Sabo (Erosion and Sediment Control) Department**

➤ **Sewerage and Wastewater Management**

**Department**

# **River Management in Japan**

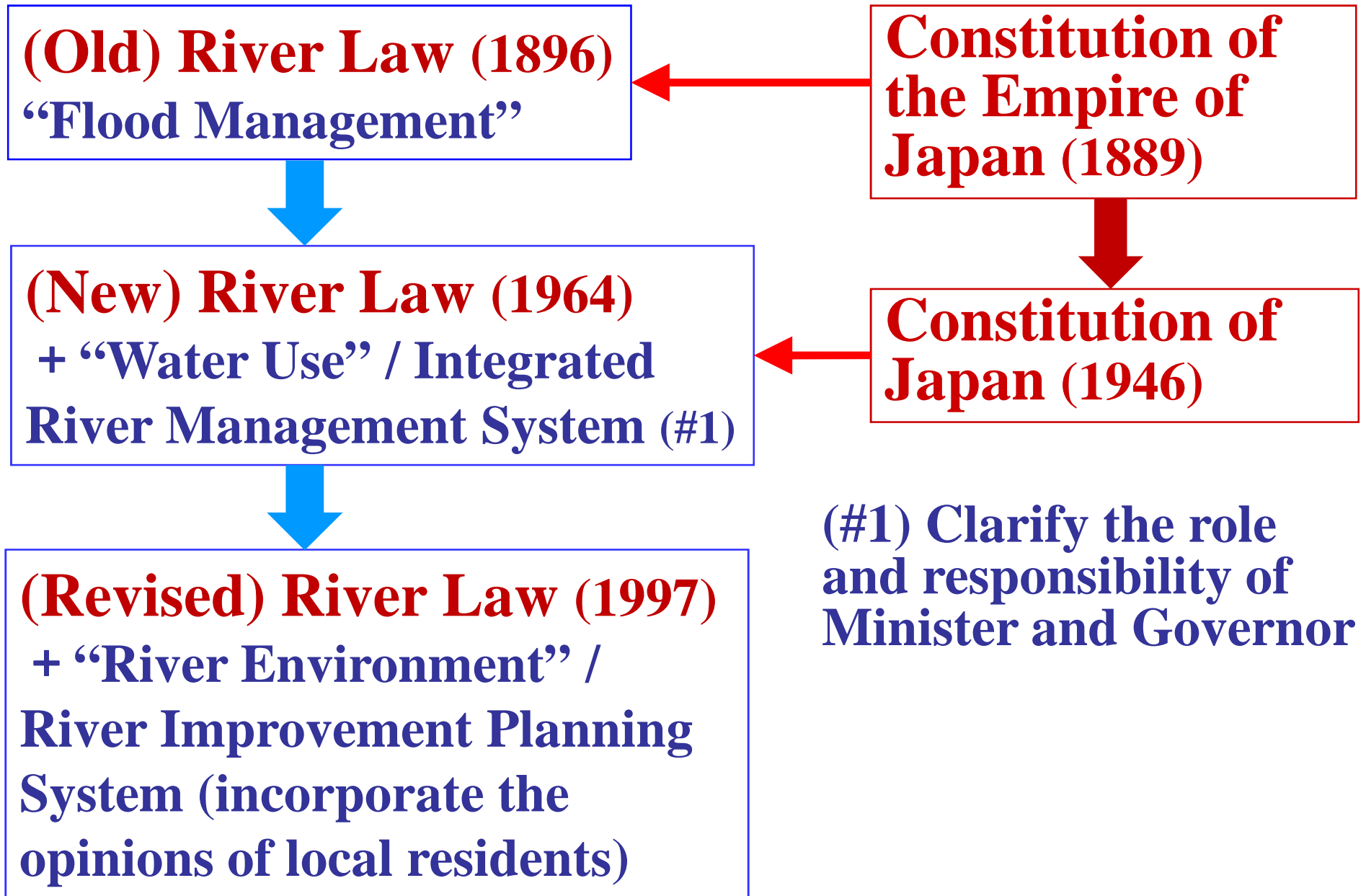
- **Water Resources Department**
  - ◆ **Water Resources Policy Division**  
**(Reservoir Area Development Office)**
  - ◆ **Water Resources Planning Division**  
**(IWRM Strategy Office)**
- **Sabo (Erosion and Sediment Control)**  
**Department**
  - ◆ **Sabo Planning Division**
  - ◆ **Land Conservation Division (Seacoast Office)**
- **Sewerage and Wastewater Management**  
**Department**
  - ◆ **Sewerage Planning Division**
  - ◆ **Sewerage Works Division**

# River Management in Japan

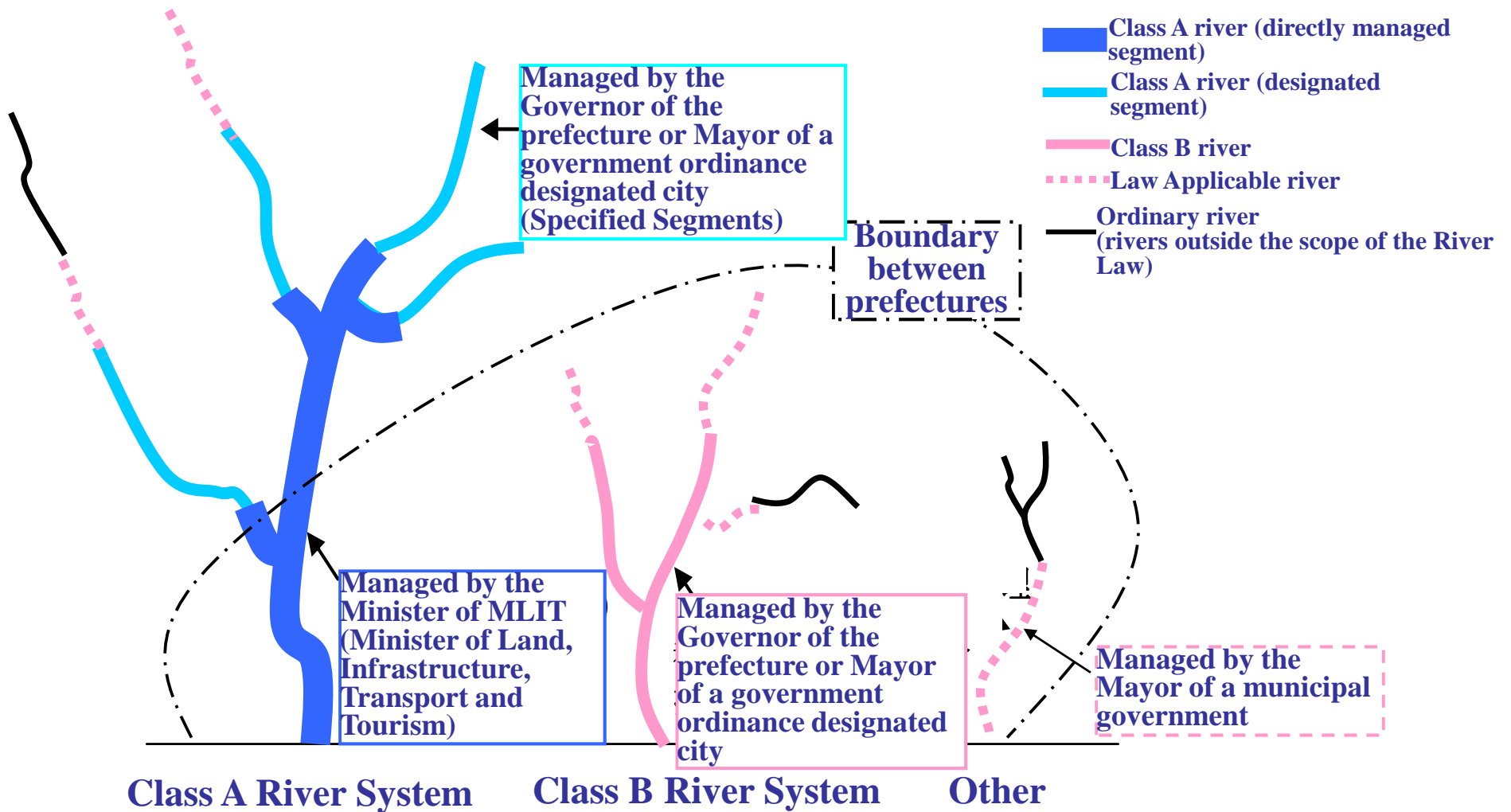
## Law related to the IWRM

- **River Law**
  - **Flood Fighting Law**
  - **Sabo Law**
  - **Seacoast Law**
  - **Specified Multipurpose Dam Law**
  - **Water Resources Development promotion Law**
  - **Special Measures Law for Reservoir Area Development**
  - **Landslide Prevention Law**
  - **Disaster Countermeasures Basic Law**
- etc.**

# River Law



# Framework of River Management



# Management Mechanism of MLIT

## Central Office of MLIT

(Minister's Secretariat, Policy Bureau, City Bureau, Water and Disaster Management Bureau, Road Bureau, Railway Bureau, Ports and Harbours Bureau, etc. )



8 Regional Development Bureaus (RDB) and Hokkaido Development Bureau

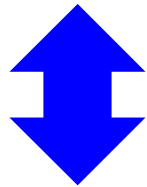


River Offices, Dam Construction Offices, Sabo Offices, National Highway Offices, Port Offices, etc.

# **River Office “Mission”**

**Promote socio/economic development in the area**

**● Objectives of the Country**



**● Subjects in the area**

**Create and maintain infrastructures for our future**



# River Office “Objectives”

- **Develop and conserve water resources, enhance rational water uses and reduce flood risks**
  - **Develop public facilities (river, dam, gate, etc.)**
  - **Operation and maintenance**
  - **Permission of water right (→Minister, DG of RDB)**
- **Keep fairness and justice**
- **Provide advice and assistance to the local government**
- **Disseminate information**
- **Be responsible for quality control of public facilities**

# **Role of Head of River Office**

**As a Representative of River Office**

**As a Leader of River Office**

# **Role of Head of River Office**

## **As a Representative of River Office**

- **Promote coordination and collaboration through communication (mayor, professor, leader of NGO, etc.)**
- **Grasp opinion, demand, complain and expectation in the area and reflect them to the strategies**
- **Provide advice and assistance**

# **Role of Head of River Office**

## **As a Representative of River Office**

- **Promote understanding for the works of river office (publicity)**
- **Stick to the right position and behaviour**
- **Have responsibility for disaster risk management (direct communication with the Mayor)**

# **Role of Head of River Office**

## **As a Leader of River Office**

- **Clearly state the mission, identify concrete objectives and establish strategies**
- **Raise morale through sharing a sense of accomplishment**
- **Enhance collaboration in the office (team work)**
- **Maintain and improve technical level (project planning, construction works, operation and maintenance)**

# **Role of Head of River Office**

## **As a Leader of River Office**

- **Make the best use of human and monetary resources (cost management)**
- **Improve the capacity of officers (provide training, evaluation and explanation)**
- **Keep the office 24hours 365days preparing for the natural disasters, keep him/her well informed at any time**

# **Role of Head of River Office**

## **Required Capacity as a Leader**

- **Technical skill and will of improvement**
- **Proper understandings of the area, wide range of knowledge (broaden your horizons)**
- **Preparedness to take responsibility (Don't leave things to subordinates, grip their works, praise their achievements, take final responsibility)**

# **Role of Head of River Office**

## **Required Capacity as a Leader**

- **Good grasp of subordinates**
- **Fairness and justice (Stick to logic and theory)**
- **Faith and Sincerity**
- **Common sense, moral, ethics (Be aware of daily behaviour)**
- **Self-confidence (Judgment and decisiveness)**



# **Promote coordination and collaboration through communication**

- **Exchange opinion and idea with Mayor**

**Collaborate with the work of local government**

**(arrangement of the plan for road, park, shelter in the river improvement work)**

**Assist area development by government project**

- **Establish information sharing and coordination mechanism**

**flood forecasting, flood fighting, respond to water quality hazard**

**(hazard mapping, joint disaster prevention drills)**

- **Promote joint activities with NGO**

**river school, environment conservation activities, river cleaning**

# **Grasp opinion, demand, complain and expectation in the area and reflect them to the strategies**

- **Incorporate public opinion in river improvement plan (River Law)**

**From persons with experiences or an academic background, local residents and head of local governments**

- **Open to the area and respond quickly**

**Secure response mechanism to reply the inquiry from the area (through direct contact, telephone, website, etc.)  
→ inform quickly to the head**

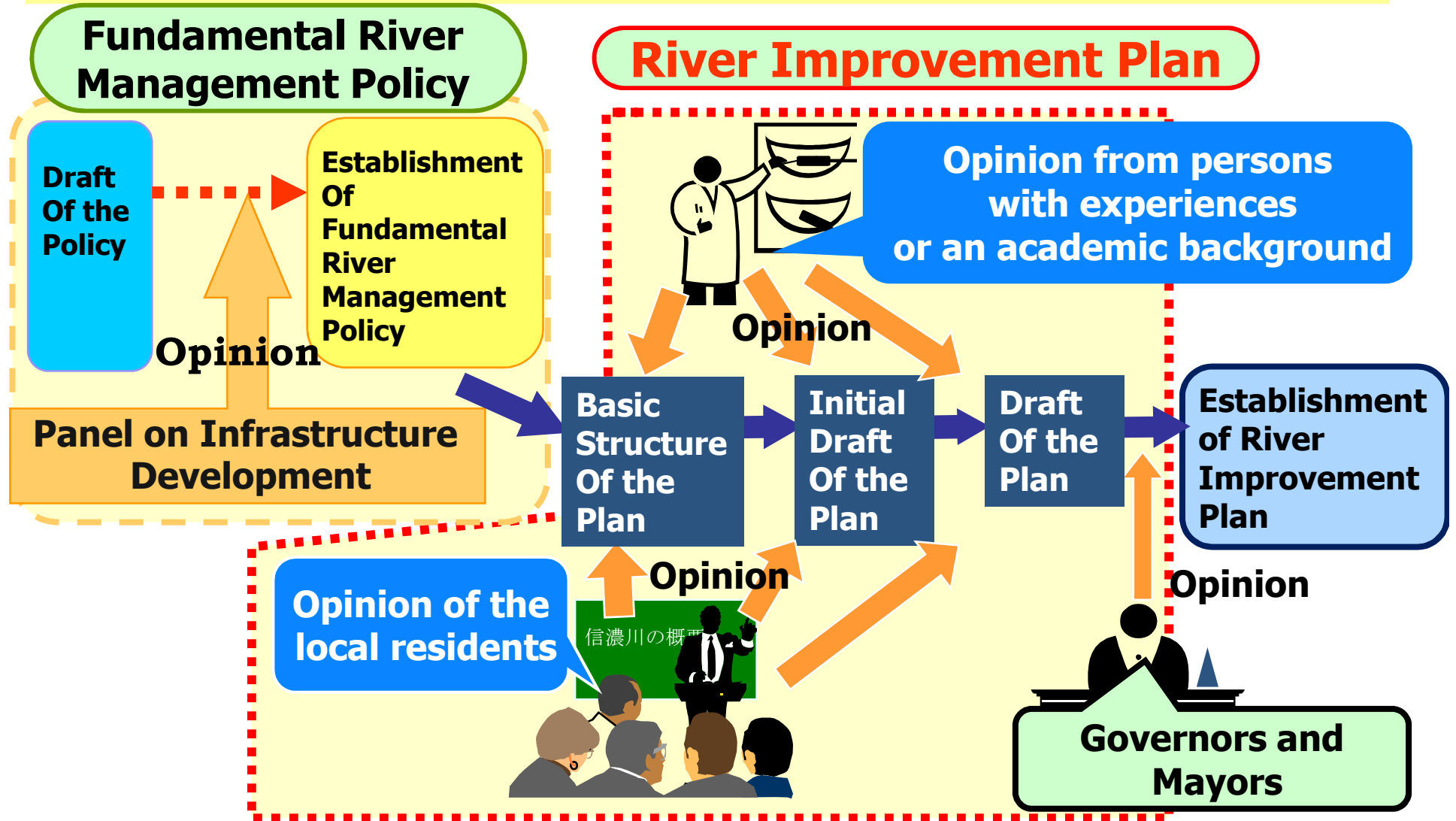
- **Maintain regular communication**

**Regular meeting with persons with experiences or an academic background, project explanatory meeting**

# Shinano River Improvement Plan

## Planning Process of River Improvement Plan

- Amendment of the River Law in 1997 introduces the process to reflect the opinion of the people in the river improvement plan

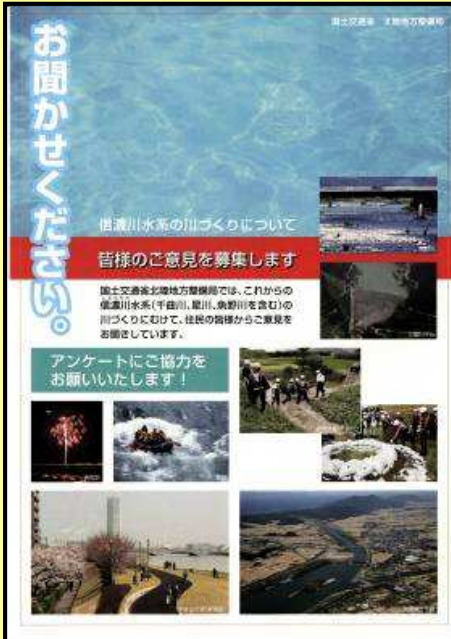


# River Improvement Plan

## Secure measures to collect the opinion of people

Opinion from the public is gathered through questionnaire, post card, round table conference, Internet, and fax

### Questionnaire



お聞かせください。  
信濃川水系の川づくりについて  
皆様のご意見を募集します

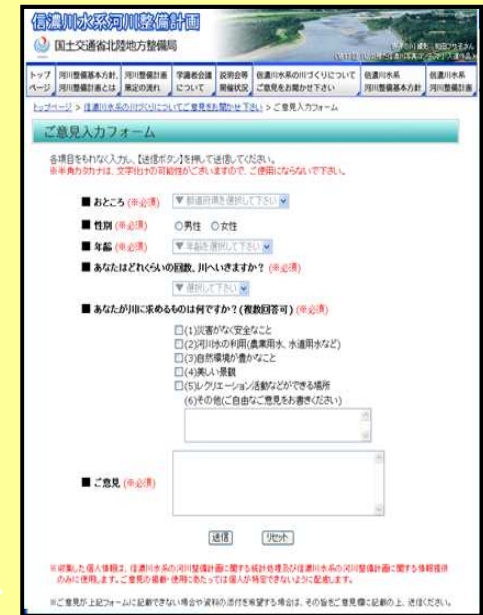
国土交通省北陸地方整備局では、これからの信濃川水系(千曲川、黒川、奥野川を含む)の川づくりをむけて、住民の皆様からご意見を募集しています。

アンケートにご協力をお願いいたします!

### Round Table Conference



### Internet



信濃川水系河川整備計画  
国土交通省北陸地方整備局

ご意見入力フォーム

※項目をすべて入力し、[送信ボタン]をクリックして送信してください。  
※半角英字のみは、文字化けの可能性がございますので、ご使用にならないでください。

■ おとこ (※必須)  男性  女性

■ 性別 (※必須)

■ 年齢 (※必須)

■ あなたはどれくらいの回数、川へいきますか? (※必須)

■ あなたが川に求めるものは何ですか? (複数回答可) (※必須)

(1)災害が安全なこと  
 (2)河川利用(農業用水、水通水など)  
 (3)自然環境が豊かなこと  
 (4)水辺の景観  
 (5)クリエーション/活動などができる場所  
 (6)その他(自由にご意見をお書きください)

■ ご意見 (※必須)

※印刷した個人情報は、信濃川水系の河川整備計画に関する統計処理及び信濃川水系の河川整備計画に関する情報提供のために使用します。ご意見の複製・使用にあたっては個人が特定できないように配慮します。  
※ご意見が上記フォームに記載できない場合や資料の添付を希望する場合は、その旨をご意見欄に記載の上、送信ください。

<http://www.hrr.mlit.go.jp/shinage/shinano-plan/index.html>

### Postcard

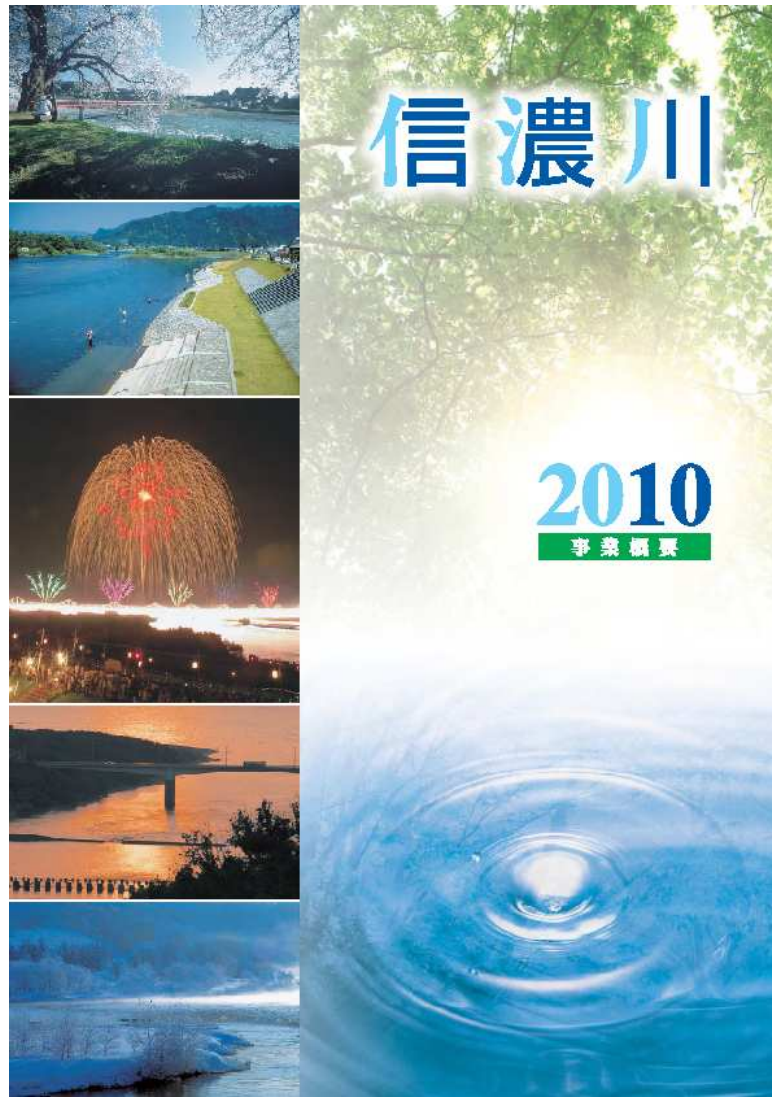
〒940-8691  
郵便事業会社長岡支店私書箱第70号  
信濃川水系河川整備計画ご意見係

Ministry of Land,  
Infrastructure,  
Transport and Tourism

### FAX

フリーダイヤル

0120-367-47



**Pamphlet (Introduce yearly activities of River Office)**



**Shinanogawa River Basin Meeting  
(Discussion for formulation of River Improvement  
Plan by persons with experiences or an academic  
background)**



## **Project management (Ohkouzu Diversion Channel)**



**Flood fighting drill (River Office, Prefectural Gov., Municipal Gov., Flood fighting Corps)**





**River Patrol**



**Regular joint field survey with experts of plants, insects, fishes and animals**



**Joint patrol with Police officer (Inspect unlawfully garbage dumping)**



**River clean activities with local residents**



**Assist school program to study river and river environment**

**Thank you**

**Terima Kasih**