

Urban River Restoration from devastating water pollution in Tokyo Japan

Japan Riverfront Research Center

Director

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JRRN Chairperson



The 1st Grand Prize
"Beautiful Country Building"
Edogawa City

Nobuyuki Tsuchiya, Forum on Revitalising Urban Rivers in Asia (25 Nov. 2017)

Location of Tokyo Metropolis and Edogawa City



Edogawa City viewed from the air

04p



Historical details

From “Flood Control” to “Water Utilization” and "Water-friendly"

洪 水
利 水
親 水



天明の大水害

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洪水 Tokyo Flood Disaster in 1910



台風、Typhoon Kathleen in 1947

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台風、Typhoon Kathleen in 1947

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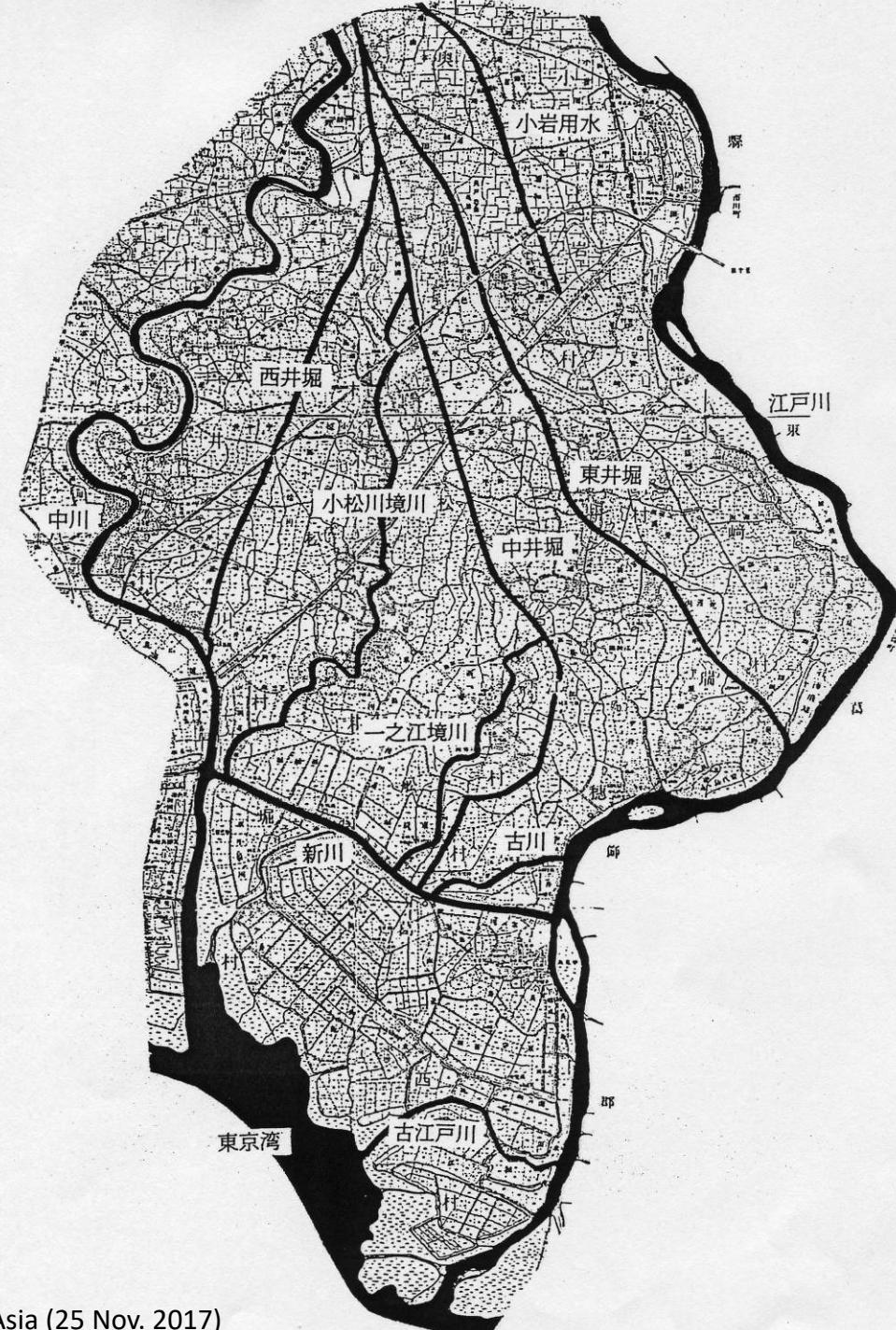
灌溉水路 Agricultural waterway in 1945

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Rivers and Waterways in Edogawa City

1900's

11p





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13p

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1960's

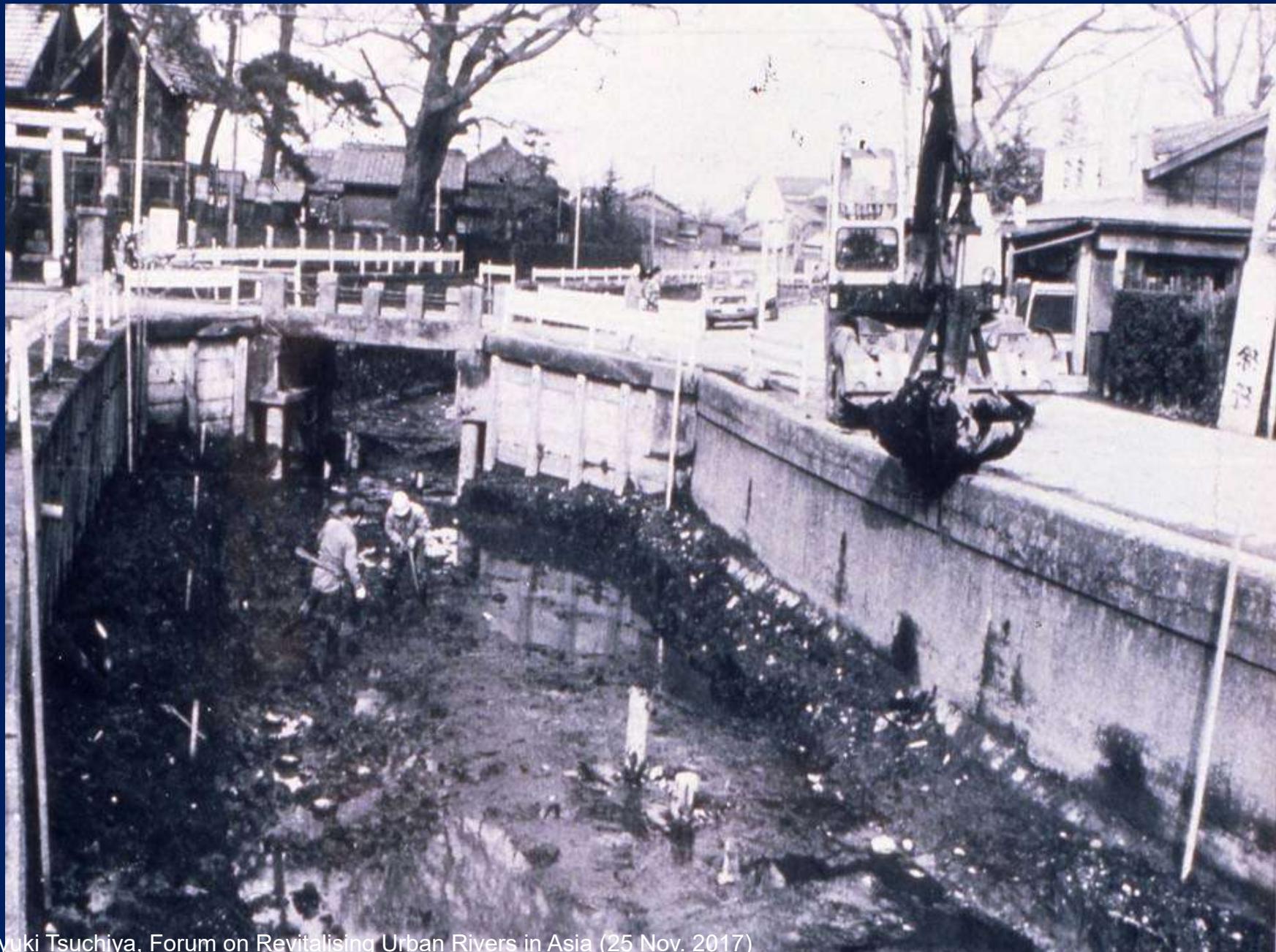
Komatsugawa Sakaigawa Shinsui Park before Construction

15p



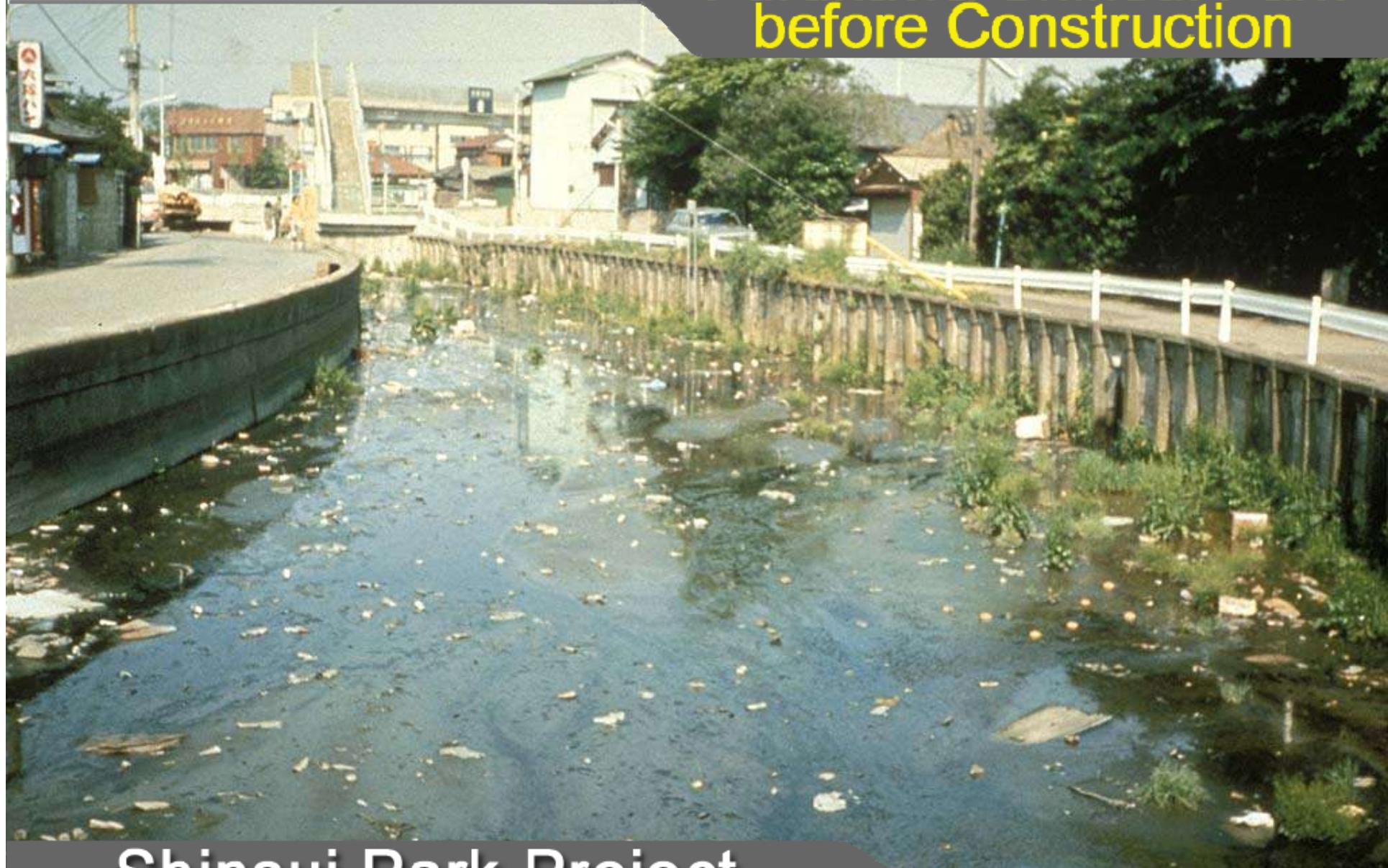
Komatsugawa Sakaigawa

16p



01 Enhancement of the Landscape

Furukawa Shinsui Park before Construction



Shinsui Park Project

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Furukawa before Construction



Furukawa before Construction



Ichinoe Sakaigawa Shinsui river Park before Construction

20p



Ichinoe Sakaigawa Shinsui river Park before Construction

21p



Shinsui River Improvement

親水河川 "Water-friendly"

Water and Greenery Network Scale

23p

Parks and Playgrounds,
etc.

436 Parks
(Area: 3,437,049 sq. m)

Shinsui Parks

5 Routes
(Total length: 9,610 m)

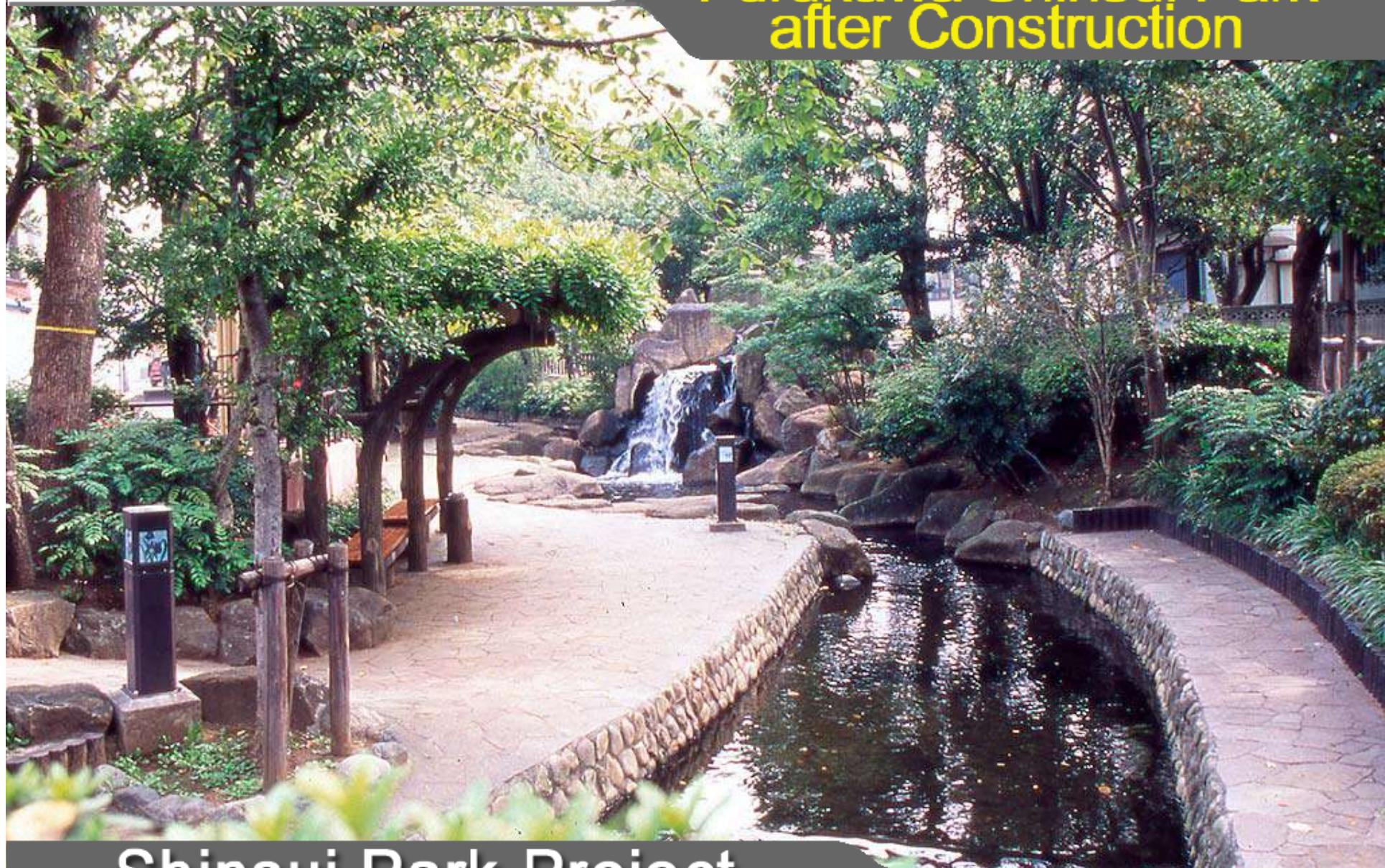
Shinsui Green Paths

18 Routes
(Total length: 17,680 m)



01 Enhancement of the Landscape

Furukawa Shinsui Park after Construction



Shinsui Park Project

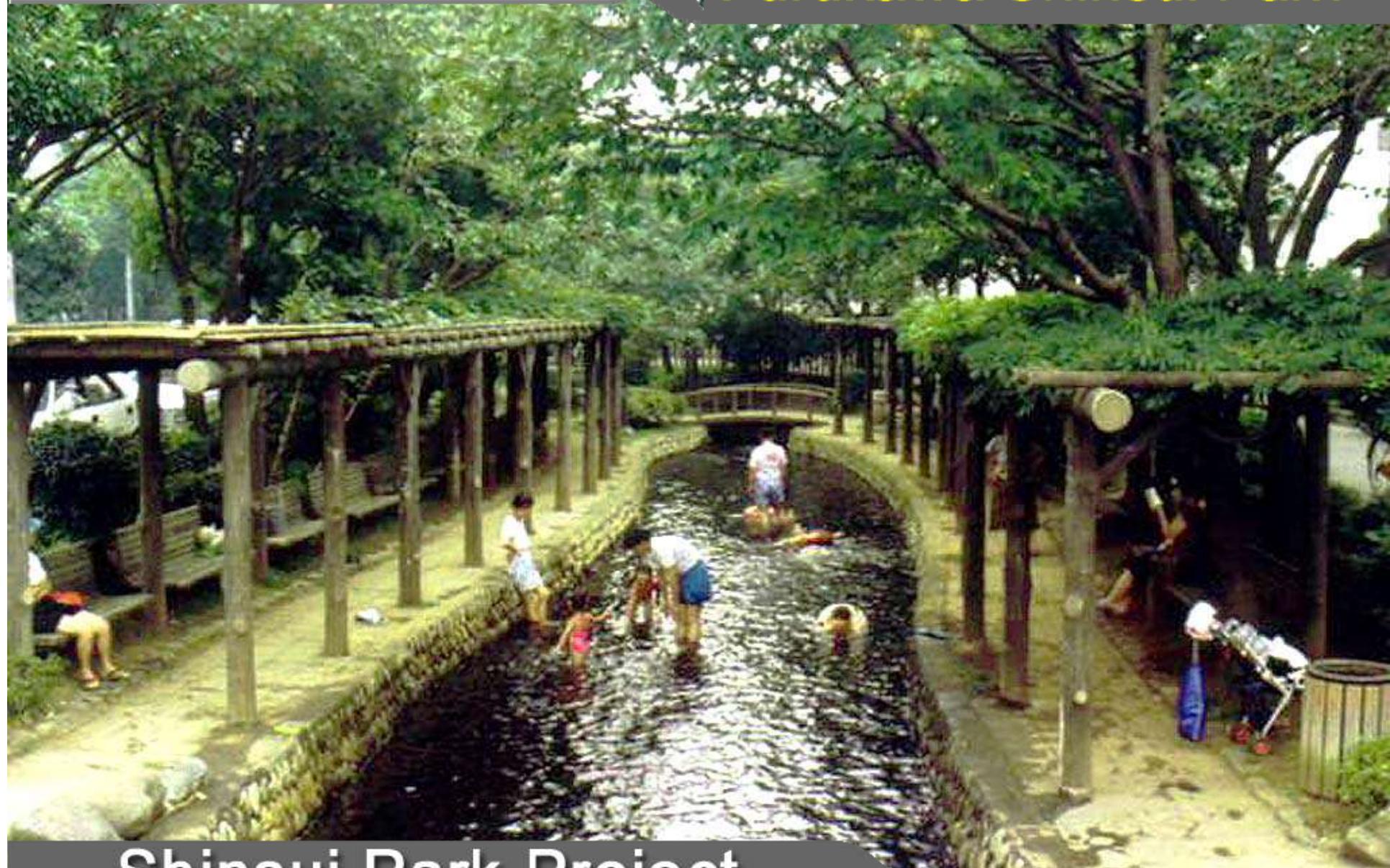
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01 Enhancement of the Landscape

Furukawa Shinsui Park



Shinsui Park Project

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Furukawa Shinsui river Park

- the first Shinsui river Park in Japan -

古川親水河川公園



Furukawa Shinsui Park after Construction



7



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Komatsugawa Sakaigawa Shinsui Park after Construction

29p



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Komatsugawa Sakaigawa Shinsui river Park

30p

小松川境川親水河川公園



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Ichinoe Sakaigawa Shinsui river Park after Construction

33p





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Ichinoe Sakaigawa Shinsui river Park

36p

一之江境川親水河川公園

Shinodabori Shinsui Green Path

37p



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Sakongawa Shinsui Park

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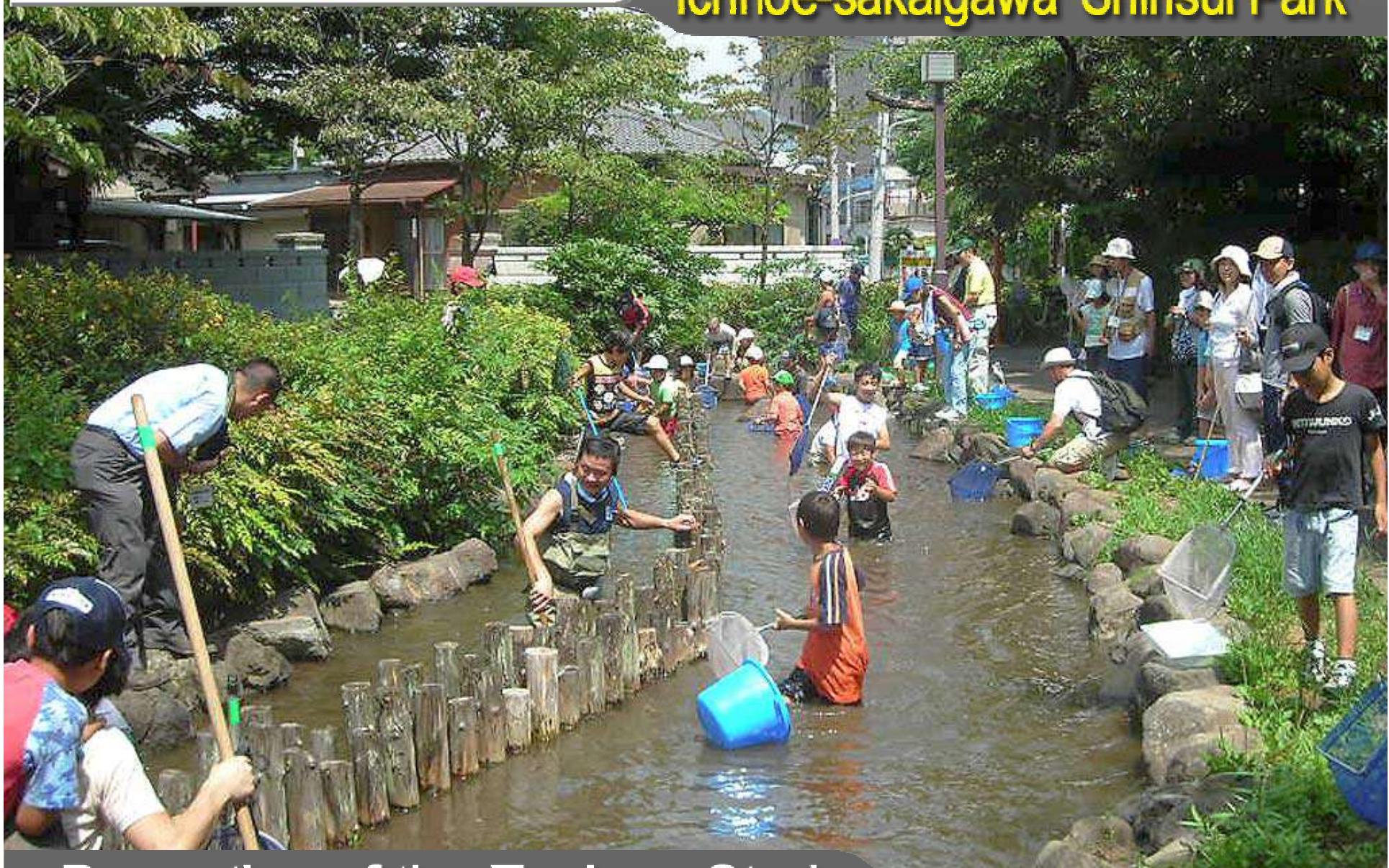


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Shin-Sakongawa Shinsui river Park

03 Environmentally Sensitive Practices

Ichnoe-sakaigawa Shinsui Park



Promotion of the Ecology Study

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Biotope: Pond enclosed with Wood Mattress in Arakawa River

47p



03 Environmentally Sensitive Practices

Biotope in Arakawa River Area



Promotion of the Ecology Study

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03 Environmentally Sensitive Practices

Ichnoe-sakaigawa Shinsui Park



Promotion of the Ecology Study

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Event (Edogawa Sakura Festival)

50p



Shin-Nakagawa Festival





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03 Environmentally Sensitive Practices

Greening Activity



Campaign for Better Environment

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04 Community Sustainability

55p



Adopt Activities

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Green Festival

56p



Establishment of Partnership with the Citizens

The Citizens Leaders Conference

58p



04 Community Sustainability

Adopt Activities Session



Adopt Activities

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60p

Cleanup Activity in Early Morning

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Cleanup Activities by “Group of Lovers”

61p





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Adopt Activities

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Park Volunteer Activity: Park-making to be familiar with Bamboo

66p



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Lively Flower Care Volunteer Activities, more than 2400 persons involved

67p



Shopping districts and Green Paths



Parks



Front plaza of City Office Main Building



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Public facilities

Promotion of “Plentiful Flowers for the Homes of All” Campaign

68p



Potted flower arrangement
lecture gatherings



Welcome Gardener Mentoring Lecture Course



Cleanup Activity



Campaign for Better Environment

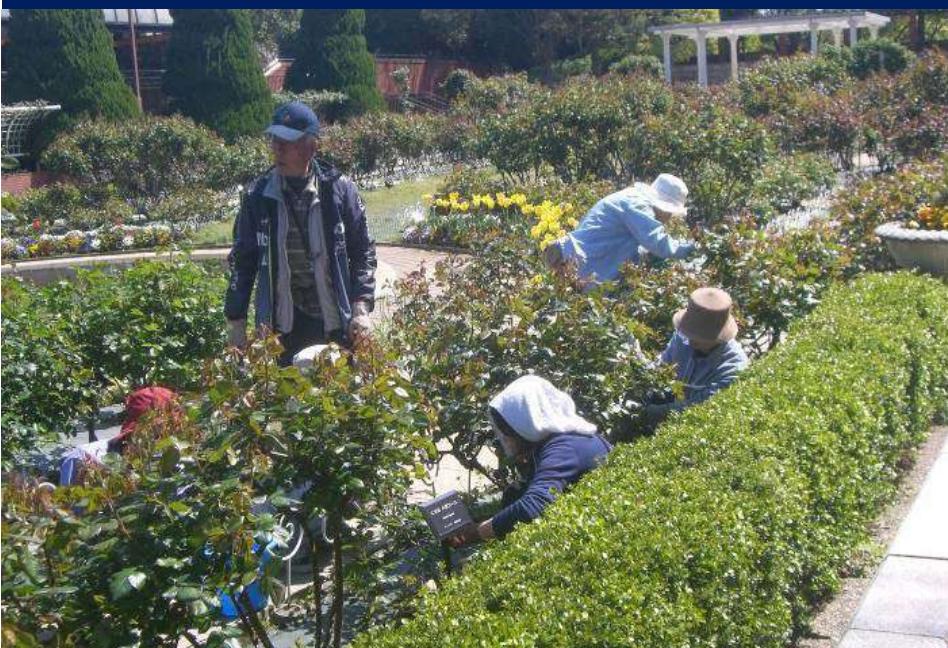
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The Citizens College Course : Volunteer Training Course about Breeding of Rose

70p



Green Volunteer

71p



Home Cultivation



Plant Trees Activity



Plant Trees Activity



Maintenance of Planting Strip

Street Volunteer



Road Cleanup Activity



Road Cleanup Activity



Public Lavatory Cleanup Activity

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Promenade Cleanup Activity

Park Volunteer

73p



Maintenance of Trees



Environmental Study



Event Activity

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Maintenance of Planting Strip

Waterside Volunteer

74p



Waterside Cleanup Activity



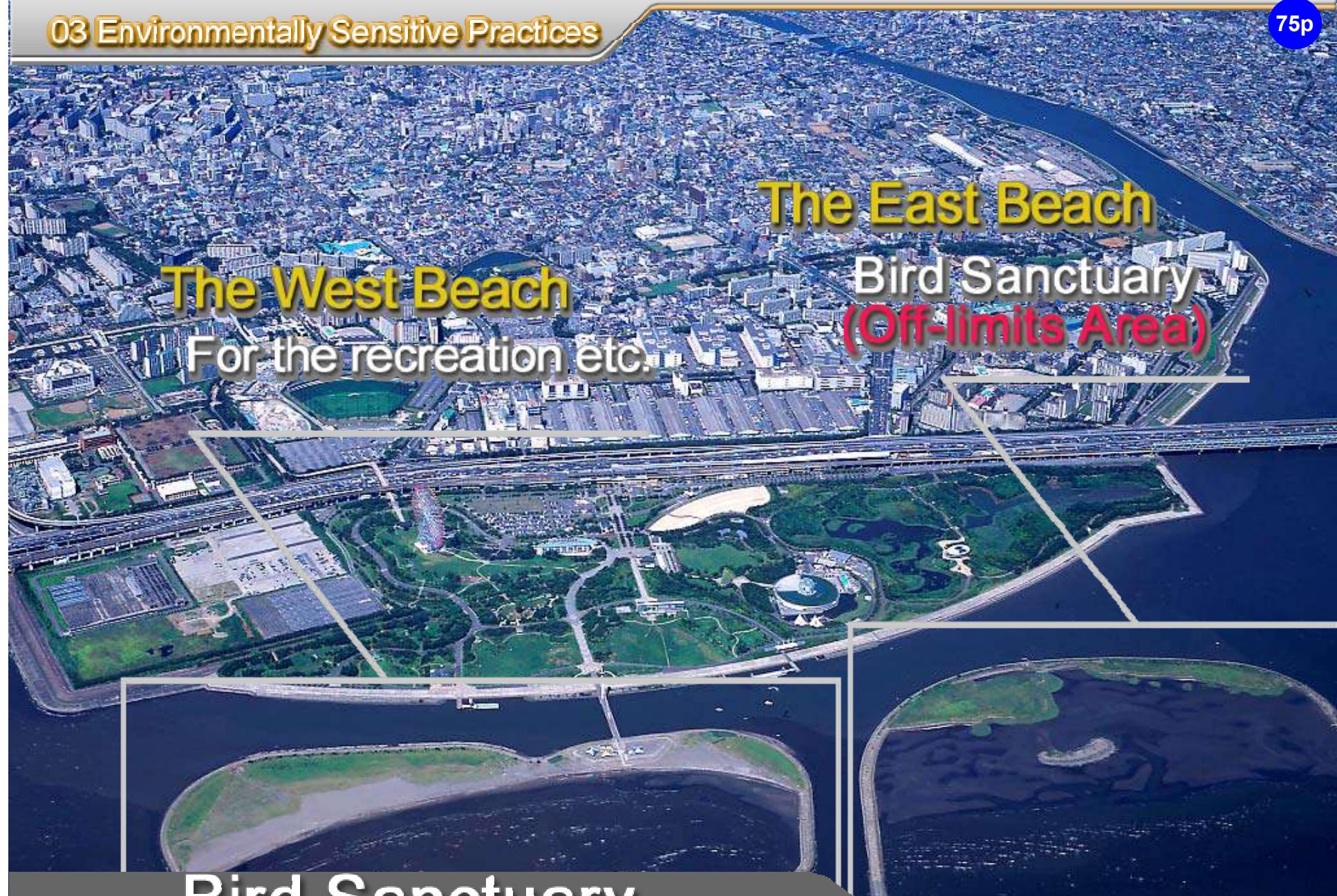
Waterside Cleanup Activity



Environmental Study



Living thing investigation



**Bird Sanctuary
in Kasai Rinkai Park**

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Bird Sanctuary in Kasai Rinkai Park

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03 Environmentally Sensitive Practices

Black-faced Spoonbill

IUCN = International Union for Conservation
of Nature and Natural Resources



IUCN Red List Ver.3.1 (2001)

Endangered (EN)

Considered to be facing a very high risk
of extinction in the wild



Bird Sanctuary
in Kasai Rinkai Park

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03 Environmentally Sensitive Practices

20,000 birds fly here from Siberia



Bird Sanctuary in Kasai Rinkai Park

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We aim at Ramser Convention Registration

Bird Sanctuary
in Kasai Rinkai Park

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1000 Cherry Blossoms Project in Shinkawa

80p



- Japan's first landscape law adaptation district
(日本最初の景観法適応地区)
- Urban Landscape Grand Prize of the Japan Society of Civil Engineers
(日本土木学会の都市景観大賞)



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Industrial Zone in Edo (near West Gate Park)

88p





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Cleanup Activity of Volunteer Group

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