

Children's Solution!



MARSEILLE, FRANCE '12

TIME FOR SOLUTIONS

Let's discuss with 6 Japanese children!

Solutions des enfants! Discutons d'eau

Solution 1

How to decrease
the victims of
Water-related
Disasters

(Comment reduire
le nombre de
victimes des
catastrophes liees
a l'eau)

Solution 2

Hands-on activities
at the river
(activites
riviere)

Solution 3

Living together
with aquatic life

(Vivre ensemble
avec le monde
aquatique)

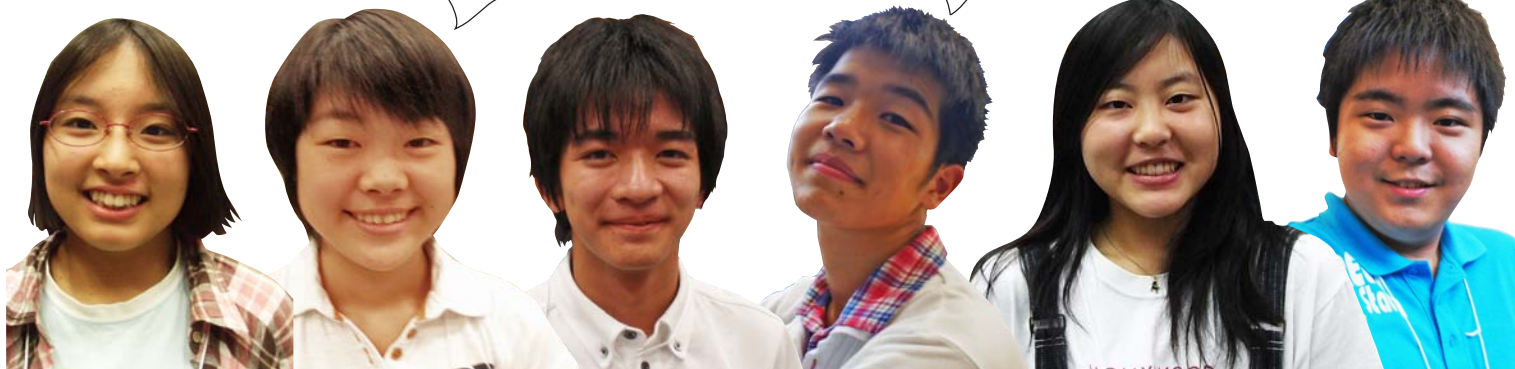
Solution 4

River
Connects Us
(Des rivieres
qui nous
relient)

Solution 5

Water conservation
is part of Japanese
culture

(Preserver l'eau
fait partie de la
culture Japonaise)



Yuriko
KOBAYASHI

Miho
TANAKA

Yuki
SHIGEMASA

Kentaro
NAKANO

Rie
MATSUZAKI

Sota
TSUKURIMICHI



Center for Supporting
Children's Waterside Activities
by FOREM



RIHN
Research Institute for
Humanity and Nature

Participants

Les participants ont

Japanese Japonais

NAME	Surname	Gender
Yuriko	KOBAYASHI	girl
Miho	TANAKA	girl
Yuki	SHIGEMASA	boy
Kentaro	NAKANO	boy
Rie	MATSUZAKI	girl
Sota	TSUKURIMICHI	boy

French Français

NOM	Prénom	Sexe
SAKO	Maria	girl
MAGASSA	Salimatou	girl
KILALI	Zinedine	boy
SALHI	Mohammed	boy
TEHOUE	Chloé	girl
CADET	Christine	girl
AKSAS	Sofiane	boy
DUDZIK	Daniel	boy
ABDOU	Assia	girl
MUBARAK ALI	Sameer Ali	boy
WAGUÉ	Boubakar	boy
BUNDA	Gladix	girl

History of Children's World Water Forum and "Children Solution!" in Marseille

	World Water Forum	Children's WWF	Conference in JAPAN
1997		1st ★ 109 from 32 Countries	
2000		← 50 from Japan	
2003	Kyoto		2003 ★
		2nd 107 from 29 Countries	2004 ★
2006	Mexico	← 7 from Japan	2005 ★
		3rd 150 from 21 Countries	2006 ★
2009	Istanbul	← 6 from Japan	2007 ★
		Children's Solution! Let's Discuss on Water	2008 ★
		← 6 from Japan	2009 ★
2012	Marseille	15th March 11:00-13:00	2010 ★
			2011 ★

Total Gross (9 Meetings)
403 Students
116 Facilitators



★ Secretariat by FOREM

August 2nd - 4th 2011 in TOKYO

2011					2012				
A	M	J	J	A	S	O	N	D	J
									F

- 32 Participants (12 to 18 years old)
- 14 Facilitators (University students)



August 2nd - 4th 2011 in TOKYO

2011 2012
A M J J A S O N D J F M

Disaster



Hands-on



Environment



5 Group

Five Themes

Resource



Culture



Children's Solution!

2011 2012
A M J J A S O N D J F M

March, 14th 13:00-14:20 Japan Pavilion
March, 15th 11:00-13:00 Forum Session
PP 3 - Acropole 1, Palais Phocéén

Yuriko



: How to decrease the victims of Water-related Disasters



Miho



: Hands-on activities at the river



Yuki



: Living together with aquatic life



Ken



: River Connect Us



Rie & Souta



: Water Conservation is Part of Japanese Culture



Welcome!





How to decrease the victims of Water-related Disasters

Yuriko Kobayashi

1

Outline

- Japan's Problem
- About Water-related Disasters
 - Flood & Tsunami
- Local Action
- Our Solution

2

Kamaishi
Ishinomaki
Iwaki

huge damage by tsunami

3

Japan's Problem

About Tsunami

4

Mechanism of Tsunami

- 1) A huge earthquake occurs, and the bottom of the sea sinks and rises.
- 2) Vibration of the surface of the sea makes big waves in all directions.
- 3) Wave length of Tsunami is much longer than Waves.

Huge earthquake occurs

Wave length

5

Originally from <http://www.seisvol.kishou.go.jp/eq/known/tsunami/generation.html>

Photos of Tsunami on Mar 11, 2011 in Iwaki

Tsunami caused almost 20,000 victims.

School Ground

Sea Wall

Tsunami was much higher than expected !!

6



Case 1 Okawa Elementary School in Ishinomaki

- Earthquake occurred,
- ➔ Students went to the Evacuation place

But...

Hit by tsunami

About 2/3 of students were killed

Case 2 Unosumai Elementary School & Kamaishi-Higashi Junior High School in Kamaishi

- Earthquake occurred,
- ➔ students went to the evacuation place

All evacuating people were safe

Evacuating

Key Points

Case 1

1. Lack of preparation
2. Little knowledge

more Victims

Case 2

1. Preparation
2. Knowledge

less Victims

It comes down to...

Our activities can reduce victims!!

Local Action

- Evacuation drill
- Study
- Others

Act across the Nation

Our Solution

Prepare for water damage in local community.

We can decrease victims.

Our activities can create countermeasures!!



Outline

1. Water in Japan
2. Problems
3. Solutions and introduction of our activities
4. Advantages
5. Our solution

2

Conditions of the water in Japan

- 97.5% of houses in Japan have pipe connected water services.
- We have many rivers but few children play there for safety reasons.



- ▶ Little interest in rivers.
- ▶ Little experience of visiting rivers.
- ▶ Little awareness of water pollution.



We should appreciate rivers and water more.

Solutions to the problems

● Hands-on activities

Benefits

- Enjoy learning about nature.
- Understand the water environment.
- Directly experience the water.

4

Hands-on activity - 1



Keigo



- Regular visits and observation and research of the river.
- Understand the condition of the river.
- Increase interest in the river and aquatic creatures.

5

Hands-on activity - 2

● Volunteer cleaning of the riverside



Nayuno



Volunteer cleaning helps people and river animals.

6



Hands-on activity - 3

● kayaking

- The pleasure and danger of the river.
- Experience the water.



● Safety measures

- Check temperature, current, and water level
- Check weather forecast
- Suitable clothes
- Life jacket
- Wear work gloves or a helmet
- Follow leader's instructions
- Carry first-aid kit
- Avoid hazards



What we have experienced
through hands-on activities

1. Direct experience of water
2. Pleasure of playing
3. Understood the dangers
4. Found many plants and animals
5. Saw that fish can't live in dirty water
6. Made friends
7. Increased interest in rivers and environment

Meeting to exchange ideas. Not only fun!

9

Our solution

Let's enjoy the activities together!




10




Living together with aquatic life

The 3rd S.M. Yuki Shigemasa



Oikawa

&



Playing children in the river

1

Outline

Current conditions/Problems

↓

Local Actions

1. Ashida river
2. Shienobu river
3. Lake Biwa

↓

Our solutions

2

Current conditions



Household trash




Industrial Wastewater

Human beings have priority

3

Problems & Local Actions

1. Human beings cause pollution
2. The government is trying to improve the environment.



On-going activities

1. Ashida river
2. Shigenobu river
3. Lake Biwa

4

① Ashida river – Cleaning

- ① Filled with trash and sewage
- ② Many kinds of plants and animals

◆ Action:

- clean up movement
- • • Many students clean the river



ASHIDA river TOKYO
JAPAN



Kingfisher




Playing people in the river

5

Characteristics of cleanup activities

- School clubs participate
- Students enjoy cleaning
- Over-10-year history
- Build community


6



Result

- The water quality improved
- Sweetfish returned to the river

School event – Our PRIDE

7

② Shigenobu river – Biological research

① 'Hinaishi Loach' was newly discovered
The habits aren't known well

◆ Actions:

1. Research on how to create a good environment for Hinaishi loach
2. Presentation to increase public interest.

Hinaishi loach Shigenobu river

8

③ Lake Biwa – Survey of water quality

① The largest lake in Japan

② Water quality is unknown

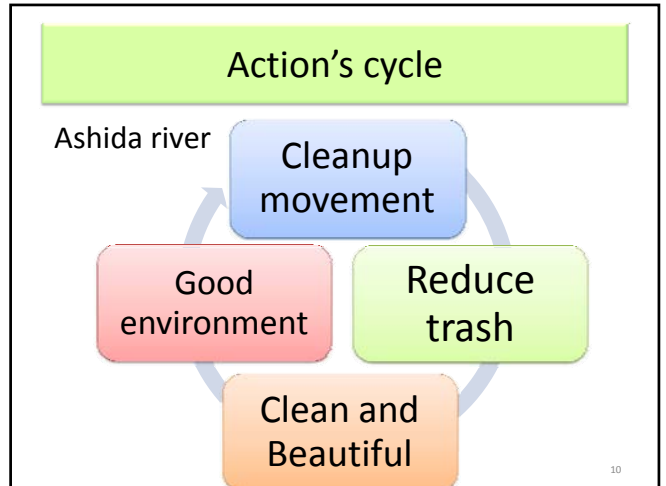
Action:

- Survey of water quality shows good or bad conditions for Plants and Animals

Fish native to Lake Biwa

Lake Biwa

9



Our solutions

- Case1. Cleaning action over 10 years
- Case2. Biological research on Hinashi loach
- Case3. Survey of water quality for plants and animals

KEY IDEAS!

★ Consider needs of living things harmonize

★ On-going actions

11



Outline

- Industry Life** as the water issues in Japan
- Local Actions** for Solving Problems
 - Kento
 - Miharu
 - Kentaro
- Merits of Local Actions
- Our Solution**

1. Water Issues
– in High Economic Growth Period

Water Pollutions
ex) Coal Mines, Industrial Wastewater

1960 2000

Solved by the environmental law
Now – Another water issues remain

2. Water Issues – Day to day Life

River pollution by trash

A lot of trash rolled up

Bicycle was thrown away

Little people knows
current situation

“**NO opportunities**”
to know the Water issues

Local Actions

① Activities by Kento

- ◆ Canoeing, E-boat
- ◆ Clean the river

E-boat

- Visit the river and experience it
- Affections to the river
- Build a friendship



②Activities by Miharu

Environmental Conservation

- the Water Quality Survey
- Check category
 - Water temperature
 - Temperature
 - COD etc...



Tell people his discovery

7

Summer feature in Japan

Firefly



8

②My Activities

the Fireflies Reviving

- Symbolic summer insect in Japan
- Lives in a natural river
- Preserve the living environment
- Water pollution decrease fireflies



- ◆ Public attention
- ◆ Fireflies come back



9

Fireflies flying



10

Merits of Local Action

①Make the aim

- Peers interested in river
- ex) Regenerate the firefly
- ⇒ Increase the members



②Visit the river and experience it

- ex) Canoes, E-boats, swimming in river
- ⇒ Everyone can enjoy and learn

11

Our Solution

Let's make "**Opportunities**"
to bring the people to the river.



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WATER CONSERVATION IS PART OF JAPANESE CULTURE

Souta Tsukurimichi
Rie Matsuzaki

Introduction to Japan

Do you know any Japanese water culture ?

800 p x



They are the AINU

AINU people
They believed that
There was a god living in water

Hokkaido
Tokyo
Japan

Problem

No interest

No information

Increase Interest by Daily awareness

&

Avoid waste

Water running

Waste

No interest → Yes INTEREST!!



Action → Summarize → Presentation

No information → **Yes INFORMATION**

07



Monkey in hot spring

We must keep the wonderful water culture alive !!

08

Our Solution

We need everyone's cooperation to keep the water culture !!



Merci !!