

# The study of impressions students and children have on concrete in art works exhibition under the theme “ The concrete in future and concrete in the life ” \*1

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## Abstract

The purpose of this study is to learn of the impressions of boys and girls, who will reach adulthood in the 21st century, have on concrete art works exhibition which was held during JCI 2001 Sapporo convention. The object of collecting the art work is “ the concrete in the future and concrete in life ”. It solicited works under the theme from the students of junior and senior high schools category, and from the kindergarteners and elementary school students category. Including CG works, 889 points were applied. 207 works of them, of them were won prizes. The ideal concrete’s appearance and existence in the 21st century are considered by their concrete art works.

The characteristics of the art works were mostly formative, sunny and dreamy. For example, an art works to the child’s mind is “ The bridge that continues to the castle in the sky ” which is a painting of a that expresses concrete to the formation target especially with brightly touch. Also, there was a work of showing bold idea peculiar to a child, for instance. A art work was a structure which tied the moon to the earth. Another painting, “ The bridge connecting Aomori and Hokkaido with a bridge of concrete ”, shows what type of bridge is expected in the 21st century when Honshyu and Hokkaido is connected by a road and promenade where people and dogs could walk across, and ride a bicycle. There were many paintings created by the students in the junior and senior high school students category that showed concrete harmonizing in the nature . A typical work was “ the slope ”, in which river breakwater concrete seemed melt into natural scenery inside. Another painting was “ The discharge from the dam ”, in which the dam, greenery, birds and discharge water were well coordinated into the scenery. Remarkably, the feelings of the young generation were expressive, and brought in harmony with nature.

The excellent paintings expressed the ideal figure of the concrete structure in the natural harmony and the appearance and existence of concrete in the 21st century. These are the many reference points that the civil engineers, architects, and concrete engineers should be concerned with when creating a concrete structure in the 21st century in the future so that their creation can be loved by the citizens.

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\*1:A part of this report was presented in the meeting of Hokkaido branch of JCI.

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## **1. Introduction**

The purpose of this study is to learn of the impression of boys and girls who will reach 21st century. An concrete art works exhibition which was JCI 2001 Sapporo convention. The object of collecting the art works is “ the concrete in the future and concrete in life ”, It solicited works under the theme from the students of junior and senior high schools and from kindergarteners and elementary schools categories. Including CG works, 889 points works were applied. 207 of them works won prized. The ideal concrete's appearance and existence in the 21st century are considered by their concrete art works.

The characteristics of the art works were mostly formative, sunny and dreamy in the category of the children of kindergartener and elementary school students. There were many paintings created by students in junior and senior high school that showed concrete the harmonizing with nature. Remarkably, the feelings of the young generation were expressed and brought in harmony with nature.

The excellent paintings expressed, the ideal figure of the concrete structure in the natural harmony and the appearance and existence of concrete in the 21st century. These are the many reference points for the civil engineers, architects and concrete engineers should be concerned with creating the concrete structure in the 21st century. Their creation can be loved by citizen in the future.

## **2. Method**

### **2.1 The art work collection**

The boys and girls concrete art exhibition was held in JCI 2001 Sapporo convention. The object of the collection is “ the concrete in the future and concret in life ”, It collected works of art under the theme from the students of junior and senior high schools category, and the kindergarteners and elementary school students category.

Including CG work, 889 points were applied even from the whole Japan.

### **2.2 The judgement of art works collection**

The art technician teachers of the Hokkaido art league assignment members of a committee and the Hokkaido formative art educational league (the chairman of judgement Kenji Seki, Hitoshi Unuma, and Masaaki Yamazaki), a member of a committee of the JCI 2001 convention executive committee (Chairman Osamu JYO, manager Hiroshi Sakurai, a member of committee Kenji Ikeda) in charge of art works exhibition, and the members(the Hokkaido Board of Education member Hisashi Ikeda) judge the collection of art works. A total 207 works were awarded the Gold prize, 6 points; Silver prize, 7 points, Copper prize, 7 points; Special prize, 17 points, winning acceptance prize, 170 points.

## **2.2 The art works collection exhibition**

They collected art works were displayed an West concourse of North entrance in the JR Sapporo station. They could be seen by many people, which totaled more than 6000 persons (children, studens and parents of the children that applied, organizational persons concerned, general citizen, persons passing through the exhibition place of station and so on. The additional exhibition opened after JCI convention period at the Hokkaido teaching staffs public welfare meeting in Sapporo

## **3. Impression of concrete art works**

### **3.1 Outline of concrete art works.**

There were many paintings of the concrete in the future and concrete in life. Typical examples introduced are the following. An art work by the kindergarteners in the children category is "The bridge that continues to the castle in the sky (Moeka Ono, kindergartener Gold prize,)" which painted the dream that expressed concrete to the formation target especially with brightly touch.

Also, there ware works that showed bold ideas peculiar to a child, for instance, from the school children division. The art work was a structure which tied the moon and the earth. Another painting, "The bridge connecting Aomori and Hokkaido with a bridge of concrete (Taiki Mikami, 4th grade, elementary school Gold prize,)" shows what type of bridge is expected in the 21st century when Honshu and Hokkaido is connected by a road and promenade where people and dogs could walk across, and ride a bicycle. There were many works painted by the students of the high school and junior high school student category that showed concrete in harmony with nature. A typical work is "The slope (Takahumi Mizubayashi, 3rd grade, high school Special prize,)" in which river breakwater concrete seems to melt into the natural scenery. Another work is "The discharge of the dam (Nozomi Denda, 2nd grade junior high school Gold prize,)" in which the dam, greenery, birds, and discharge water blended well into the scenery. Remarkably, the feelings of the young generation were expressed and carefully brought in harmony with the natural environment.

The excellent paintings expressed the ideal figure of the concrete structure in the natural harmony and the appearance and existence of concrete in the 21st century. These are the many reference points that the civil engineers, architects, and concrete engineers should be concerned with creating a concrete structure in the 21st century so that their creation can be loved by the citizens in the future.

### **3.2 Typical concrete arts works**

A part of the typical concrete works with such a characteristic that it show concrete closely, having a idea and a desire with dream. Also they show that concrete in the 21st century must be in harmony with people and the natural environment, and the steps that need to be taken are shown below.

### (1) Children, kindergarteners, students, etc. division



Photo. 3.2.1

(Photo.3.2.1 “ The bridge continues to the castle in the sky ”, Moeka Ono, elder class, Mizuho kindergarten, Gold praise.

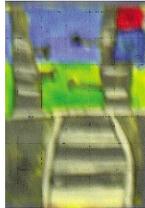


Photo. 3.2.2

Photo.3.2.2 “ Crosswalk ”, Toshihiro Kawamura, 4 years old, Otanoshike Yoshino kindergarten, Special prize.

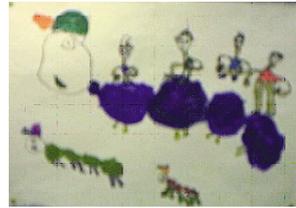


Photo. 3.2.3

Photo 3.2.3 “ I want to ride a vehicular mode of concrete ”, Taro Koike, 5 years old, Machida Kohitsuji kindergarten, Special prize.)

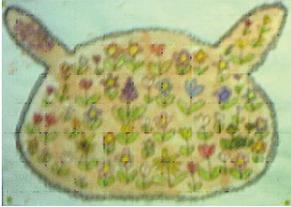


Photo. 3.2.4

(Photo 3.2.4 “ Flower bed shaped rabbit ”, Hanako Matsukawa, 5 years old, Otanoshike Yoshino kindergarten, Copper prize,



Photo. 3.2.5

Photo 3.2.5 “ Future castle ”, Hitomi Kumagaya, Kotori kindergarten, Special prize)

### (2) Lower classes (1st and 2nd graders ) of primary school division



Photo. 3.2.6

(Photo 3.2.6 “ A friend livings in an apartment house ”, Hanaka Ishida, 2nd grade, Private Kawamura elementary school, Copper prize



Photo. 3.2.7

Photo 3.2.7 “ Concrete star ”, Shinnosuke Tanaka, 1st grade, Kawaguchi municipal Asahi elementary school, Silver prize)

### (3) Middle academic year (3rd and 4th grade ) of primary school division



Photo. 3.2.8



Photo. 3.2.9



Photo. 3.2.10



Photo. 3.2.11

(Photo 3.2.8 “ A park of concrete ”; Nana Takase, 4th grade, Sapporo municipal Kotoni elementary school ,Special prize.

Photo 3.2.9 “ What a city will be like one day ”, Yori-hisa Tsuyama, 4th grade, Sapporo Kosai elementary school, Silver prize.

Photo 3.2.10 “ The bridge concrete that connects Aomori and Hokkaido ”, 3rd grade, Hachinohe municipal Korekawa elementary school, Special prize.

Photo 3.2.11 “ A thing made of concrete ”; Itsuki Kusakari, 3rd grade, Kushiro municipal Daikoku elementary school, Gold prize)

### (4) Upper grade (5th and 6th) of Primary school division



Photo. 3.2.12



Photo. 3.2.13



Photo. 3.2.14



Photo. 3.2.15



Photo. 3.2.16

(Photo 3.2.12 “ The purpose of a concrete dam is to control sand and also to harmonize with the natural scenery, ”; Naomi Okada, 5th grade, Kitami municipal Koizumi elementary school, Gold prize.

Photo 3.2.13 “ Concrete is useful for oity life ’5th grade, Keiji Manabe, Sapporo municipal Kita 9 jyo elementary school, Silver prize.

Photo 3.2.14 “ Tetaro pot and fisher man ”; Yui Ishiyama, 5th-grade Sapporo municipal Taiheiminami elementary school Special prize.

Photo 3.2.15 “ Scene of the dam bank spraying ”; Yuiko Nishimura, 6th grade, Nakahara elementary school, Special prize

Photo 3.2.16 “ 30kadama air port ”, Nami Hokari, 6th grade, Hokkaido University of Education belonging elementary school, Copper prize)

**(5) Junior high school student division**

Photo. 3.2.17

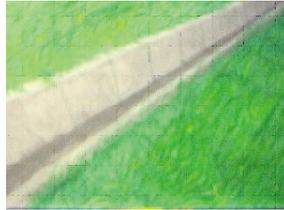


Photo. 3.2.18



Photo. 3.2.19

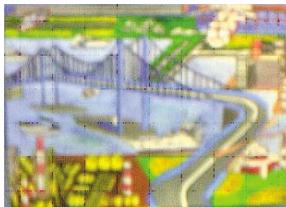


Photo. 3.2.20



Photo. 3.2.21

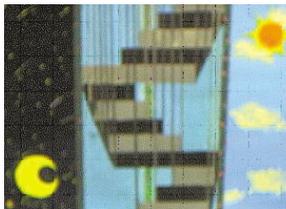


Photo. 3.2.22

(Photo 3.2.17 “ Discharge from a dam ”; Nozomi Denda, 2nd, Ishikari municipal Hanakawa junior high school, Gold prize

Photo 3.2.18 “ Water irrigation ”; Manami Ishida, 2nd, Tobetsu manucipal Nish-Toubetsu junior high school, Silver prize

Photo 3.2.19 “ Bare foot and concrete road ”; Miyuri Kusunoki, 2nd, Kitahiroshima municipal junior high school, Special prize

Photo 3.2.20 “ Concrete that supports the town ”; Manase, 2nd, Sapporo Manucipal Hokushin junior high school, Copper prize,

Photo 3.2.21 “ Universe concrete and moon surface city ”; Satou ,2nd,Sapporo municipal Hoshi-oki junior high school, Special prize

Photo 3.2.22 “ Spiral ”; Rie Fukui, 2nd, Kitahiroshima municipal Omagari junior high school, Special prize of plan manager.

## (6) Senior high school student division



Photo. 3.2.23



Photo. 3.2.24

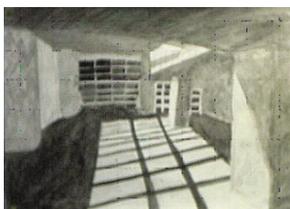


Photo. 3.2.25



Photo. 3.2.26



Photo. 3.2.27



Photo. 3.2.28

(Photo 3.2.23 "Spiral"; Tooru Kaneko, 2nd, Sapporo-Nish high school, Gold prize  
Photo 3.2.24 "Light shine in"; Takafumi Mizubayashi, 3rd, Sapporo Asahigaoka high school, Silver prize.  
Photo 3.2.25 "Concrete structure"; Jun Souma, 2nd, Koyama specialized industry school, Copper prize.  
Photo 3.2.26 "The cafe in sunset"; Asuka Sagawa, 2nd, Koyama specialized industry school, Special prize.  
Photo 3.2.27 "A sorrowful train"; Takako Tsuyama, 3rd, Sapporo-Nishi high school, Special prize.  
Photo 3.2.28 "Slope"; Takafumi Mizubayashi, 3rd, Sapporo Asahigaoka high school, Special prize.)

### (7) CG division



Photo. 3.2.29

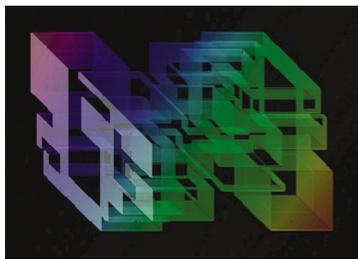


Photo. 3.2.30

(Photo 3.2.29, “ MCR5 ”; Hayato Oguchi, Sapporo international information high school Special prize,

Photo 3.2.30, “ Unknown Shape ”, Satoichi Kaneko, Sapporo international information high school technology Special prize)

### 4. Conclusion

The following conclusion can be drawn from this study of the impressions learned of concrete from the exhibition of art works under the theme of “the concrete in future and concrete in the life ” by students and children.

(1)The characteristics of the art works were mostly formative, sunny and dreamy for the category of the children of kindergarteners and elementary school children. There were many works from the junior high school students category, depicting concrete in harmony with nature. Remarkably the feelings of the young generation were expressed and brought in harmony with nature.

(2)The excellent paintings expressed the ideal figure of the concrete structure in the natural harmony and the appearance and existence of concrete in the 21st century. These are the many reference points that the civil engineers, architects, and concrete engineers should be concerned with creating a concrete structure in the 21st century so that their creation can be loved by the citizens in the future.

### Acknowledgment

These arts works are collections of practice committee, 2001 Conference of Sapporo, Hokkaido branch, Japan Concrete Institute(JCI).

I thank the JCI office and committee members, Hokkaido teaching staffs public welfare meeting etc., JR Hokkaido, the wealth where offered the member of a committee, organization, exhibition meeting place that cooperated on each cities, towns and village board of education, each schools, every teacher, work recruitments which cooperated.