



The word “Infrastructure”

The affix “**infra-**” means...

- people do not clearly see, touch, or hear and that it exists underneath.
- Infra-red, Infra-sonic,....
 - Ultra-violet, Super-sonic, Super-structure
- “Infrastructures” are hardly recognized by the public.

People Don't Remember Civil Engineers while they use infrastructures.

- Many people in Japan have come to think that enough infrastructures are already built.
- They don't understand that even one single structure is an accomplishment of civil engineers' vast efforts, expertise and wisdom.
- This ignorance is related to the fact that people don't know "By whom it is constructed".
- Many people don't remember civil engineers while they use bridges, tunnels, etc.

Hideo KAYAHARA, 2008 JSCE Roundtable Meeting, Sept 10

The book "Mumeihi" by SONO Ayako



Ms. Sono was deeply impressed with the great technology and achievements of a Japanese construction company and civil engineers in the Asian Highway Project (Thailand) in 1966.

- Main character: Civil Engineer
- Theme: Every single structure erected is the monument on which no civil engineers' name is inscribed.
- "Mumeihi" means an anonymous monument.

Hideo KAYAHARA, 2008 JSCE Roundtable Meeting, Sept 10

From “Mumeihi”...

Conversation between Tatsuki and his wife Yoko when they're strolling near a dam construction site

- Yoko: You are constructing a dam over there, aren't you ?
- Tatsuki: All of us are constructing it.
- Y: No civil engineer's name is inscribed on the dam, is it ?
- T: Of course, not. Civil engineers are different from novelists.

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Mumeihi shows Japanese civil engineers' sense of values

But...

- Because of such attitude of civil engineers, people do not come to see the importance of infrastructure for the development and welfare of society.
- Many people hardly recognize the creators of the infrastructure.
- While being unnoticed, the civil engineers may be losing their own self-esteem and sense of responsibility for their works and for the society.
- They also hesitate to tell about “their accomplishments” to the people.



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HATTA Yoichi, civil engineer

- Better known in Taiwan than in Japan.
- Conducted the entire construction of the Ushantou dam (150 million m³) in the southern area of Taiwan from 1920 to 1930.



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Ushantou Dam



HATTA Yoichi's biography



A student's appreciation for HATTA Yoichi

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If people can remember civil engineers are there...

- The people will comprehend our persistent efforts and contributions and appreciate the structures' values and functions in society.
- We show our next generations about the civil engineering profession.
- We can re-visualize our goal and regain our self-confidence to keep moving towards the goal.

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Let's visualize names of civil engineers !

Speak out and act out to have the public see the civil engineers' works, achievements and contributions

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Visualization of Civil Engineers

- Wabash Ave. Bridge, Chicago
- Names of civil engineers are introduced along with the mayor.



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New Kitakyushu Airport

- Recipient of a JSCE Award is introduced with a message by one of representing civil engineer.



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