Personal views and suggestions on our activity

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1. Who am I? : my career

[1979]
✓ Born in Hiroshima (one older sister).

[1985~1997]
✓ Compulsory education in Hiroshima.
  ➢ public elementary school
  ➢ private junior/senior high school (Catholic)

[1998-2006]
✓ Department of Quantum Engineering and Systems Science in the University of Tokyo
  (though wanted to enter dep. of physics (astronomy) .. )
✓ Research topic: material science/engineering for fusion reactors

[2007 to now]
✓ Department of Nuclear Engineering and Management

Very typical engineering researcher in Japan!
2. What I did in 2008

[January-February]
✓ I visited UCB and talked with Prof. Ahn.

[March]
✓ We discussed the goal and plans of our activity.

[April]
✓ I talked with Prof. Kimura, Kamisato, Juraku and discussed our possible cooperation.
✓ We started the “social science study meeting”.

[July]
✓ We visited JNFL (Japan Nucl. Fuel Limited), the office of Rokkasho, and the office of Aomori prefecture.
✓ We visited Toyo-cho and met Mr. Tajima (former mayor).

[November]
✓ Dr. Ueda (NPO) made presentation in “meeting”.
✓ I attended STS meeting.

[December]
✓ Prof. Matsumoto (sociologist) made presentation in “meeting”
✓ I made presentation in the “meeting”.
3. Key points: to start

[January-February]
✓ I visited UCB and talked with Prof. Ahn.

[March]
✓ We discussed the goal and plans of our activity.

[April]
✓ I talked with Prof. Kimura, Kamisato, Juraku and discussed our possible cooperation.

[Key point 1: stimulation]
♦ Because I had no jobs in UCB, I was stimulated by Prof. Ahn.
  >> strong stimulation and clear incentive.

[Key point 2: cooperator in social-science side]
♦ Social-science researchers were not so cooperative at first: they often just pointed out what is bad in my way of thinking, etc.
  >> work with patient cooperator
3. Key points: to continue

**[April]**

✓ We started the “social science study meeting”.

**[July]**

✓ We visited JNFL (Japan Nucl. Fuel Limited), the office of Rokkasho, and the office of Aomori prefecture.
✓ We visited Toyo-cho and met Mr. Tajima (former mayor).

**[Key point 3: regular and periodical activity]**

◆ If the meeting is not planed periodically (also frequently), maybe I stopped these activity.
   
   >> not 5~10% effort, but 20~30% effort.

**[Key point 4: special events]**

◆ “Visit Rokkasho” is not special, but if it is for societal views, it is very special for engineers.
   
   >> inclusion of “societal activity” in usual engineering education
   
   *Visiting Toyo-cho was less interesting for me than visiting Aomori, because it is not “the actual spot”.*
3. Key points: to continue further

**[November]**
- Dr. Ueda (NPO) made presentation in “meeting”.
- I attended STS meeting.

**[December]**
- Prof. Matsumoto (sociologist) made presentation in “meeting”
- I made presentation in the “meeting”.

**[Key point 5: more strange and more unusual things]**
- By touching something strange many times, it becomes usual and interesting (funny?, but not irritating) for me.
  >> Not expect too much, but enjoy together.
- “High level of social science”, such as social-science research, shows the usefulness of social science (unusual views for engineers).
  >> Make engineers feel the usefulness.
3. Key points for education: others

In “social-science education for engineers”, the following points are important.

(I) stimulation and incentive
(2) patient cooperator
(3) regular/periodic activity
(4) special events
(5) clear usefulness and very unusual views

<Other points should be kept in mind>

◆ Difference between engineers and social scientists are larger than that between Japanese and American.

◆ To show many “bad behaviors of engineers” is not good for case study; engineers should study and consider the case objectively.

◆ Most relationship is governed by “action and reaction”.
  ✓ If you distrust somebody, you are also distrusted by them.
  ✓ If you think “the way of thinking is bad”, ....

As results, ....

◆ Now I am not “aggressive” promoter/supporter of nuclear power.
◆ Now I can (maybe) give students more wide views and ideas to go well with society.
4. What I expect to activities in 2009

It depends on how much “we make education” and how much “we find good cooperator in social-science sides”.

(1) stimulation and incentive
(2) patient cooperator
  >> joint class/lecture with dep. Sociology
(3) regular/periodic activity
(4) special events
(5) clear usefulness and very unusual views
  >> needs some research by ourselves (but should be with “patient” cooperator of social scientists)
  >> wider viewpoints

<Other points should be kept in mind>
- To show many “bad behaviors of engineers” is not good for case study; engineers should study and consider the case objectively.
- Most relationship is governed by “action and reaction”.
  - If you distrust somebody, you are also distrusted by them.
  - If you think “the way of thinking is bad”, ….
    >> researches to give more objective social science for engineers.