Report on Japan-Turkey Cooperative Education Program

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Grade: Master 1st

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What I gained through activities during the program

Doing research and my future work

In this time, I did presentation and had the poster session on my bachelor thesis theme, shoreline change problems relating to the resilience of city, which theme does not relate to earthquakes and tsunami other researchers are interested in. However, as long shorelines are located in Turkey, these slow and severe problems appear before long and thinking about it is important when significant facilities, for example, nuclear power plant and other resorts, are constructed. That is why I did and get many feedbacks. And while I'm talking about tsunami inundation area estimation model I have been doing research, many researchers gave me advises from the earthquake point of view, too. Through this discussion, I could realize my both researches are constructed satisfactorily and show useful results for actual current society, and should have confidence in my own abilities.

In addition, a lot of people asked me whether I will go to the university the doctoral course or not, because my current thesis target area is a little bit large and I don't know the difference and detail of doctoral course system between Japan and other countries, like Turkey. These advices enable me to develop my philosophy of life and way of thinking.

Field work

Though I could visit many places in field work, I was especially impressed by Bosporus automobile road tunnel construction field, AFAD Istanbul (disaster management center) and laboratory of the department of Civil Engineering. The former one is next tunnel to the Bosporus railway tunnel made by Taisei Corporation, a 150 year-old dream has finally been realized. Though I asked the officer that the traffic jam must occur due to the V-shape of longitudinal section, there are many examples in Japan, he was stubbornly insistent on theory without regard for practicality or suitability. Perhaps, as I think my English skill could not make him understand my assertion, I should improve my skill better. Latter both two have rooms and materials on a large scale. AFAD is similar to MLIT in Japan (Ministry of Land, Infrastructure, Transport and Tourism), but its backup system and the area of control rooms are entirely different and excellent. The laboratory in the university has similar small machineries but enables members to make large

scale models and set up their experiment. Though I heard that Turkey and Japan have different research system for infrastructure, the improvement of Japanese environment is greatly desired because this environmental difference enlarges the difference of the ability to respond promptly and research level between Turkish workers and students and Japanese soon. In addition, through Bosporus Strait cruse, I could see both Asia and Europe cities at Istanbul have rich history and directly experience bridges scale. These chances are very rare and precious because it is important for researchers of civil engineering to inspect the real scene in other areas.

Suggestion for improvement / any other comments

Suggestion for improvement

I would like to decide the poster size in view of space put up posters in advance. I felt the space was a little bit small in view of the number of participants.

I couldn't decide whether presentation contents is finished research or prototype (ongoing) one. I wanted the recommendation or the advice about it.

Any other comments

Thanks to Turkish professors and friends, I have enjoyed all field works in Istanbul. I really appreciate their kindness. Some Japanese participants are sometimes selfish to visit places having not exercised discretion beforehand, I think.

Anyway, this program was a good chance for me to realize the importance of research and broaden my knowledge. Thank you very much, everyone.