

(For JSPS Fellow)

Form B-5

Date (日付)

21/02/2018 (Date/Month/Year: 日/月/年)

Activity Report -Science Dialogue Program-
(サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Ying-Hsin Wu (ID No. P16378)

- Participating school (学校名): 滋賀県立彦根東高等学校

- Date (実施日時): 19/02/2018 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): On the way to predict slopeland hazards under climate change impact

- Name and title of your company (同行者 職・氏名)

京都大学工学研究科 修士一年生 土橋知紘

- Lecture format (講演形式):

◆Lecture time (講演時間) 80 min (分), Q&A time (質疑応答時間) 10 min (分)

◆Lecture style (ex.: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

プロジェクター使用による講演

- **Lecture summary (講演概要): Please summary your lecture 200-500 words.**

According to the lecture title, I gave a talk introducing my research of analysis of landslide and debris flow hazards under the climate change impact, or the trend of global warming. As requested, my lecture includes two parts, the first part is the introduction to myself, my background and my country, and the second part is about my research in Japan. To give students an overall understanding of possible future hazards in the changing climate, I also briefly summarised some analysis results from the SOUSEI and TOUGOU programs, which are the most significant and successful research projects for analysis of climate change impact in recent decade. The total lecture time was around 85 minutes only for presentation as no additional time for question and discussion. There were around 80 students attending my lecture with one teacher chairing the lecture and assisting possible translation. During my lecture, students put their best attention to my talk as they gave many feedbacks or reactions. Particularly, in my lecture the most popular part was the introduction to my country of Taiwan, and the second was the part of brief introduction of hazardous trends under climate change impact. It is believed that, from students' reactions, my lecture achieved one important objective that student can realize the importance of climate change analysis on our environments. In summary, this lecture is successful and meaningful in my opinion. Finally, I would like to express my cordial gratitude to the invitation and all kind supports from JSPS as well as the participating

school for providing me this wonderful lecture opportunity to interact with excellent and promising high school students.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

The lecture time can be negotiated considering some unexpected conditions, such as transportation delay. In my case, the lecture was from 16:30~18:00. So, no additional time was allowed as students should not stay in school in the late evening. However, I unfortunately had an unexpected delay over 30 minutes on the way to the participating school by JR Nara Line. So the starting time of lecture was delayed around 15 minutes. Then, the finish time was so late that no additional time was allowed for discussion. This is only one slight pity in this lecture.

- Other noteworthy information (その他特筆すべき事項):

None

- Impressions and opinions from a company (同行者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。)

None