

(For JSPS Fellow)

Form B-2  
(FY2018)

Date (日付)  
12/6/2018 (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): Kailai DENG (ID No.P 17377)
- Participating school (学校名): (Fukui Prefectural) Koshi High School
- Date (実施日時): 09/06/2018 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): Global scientific activities and self-satisfaction in research career
- Name and title of your accompanying person (講義補助者 職・氏名)  
Yuga Sasaki, Master Student, Disaster Prevention Research Institute, Kyoto University\_\_\_\_\_
- Lecture format (講演形式):
  - ◆Lecture time (講演時間) 120 min (分), Q&A time (質疑応答時間) 20 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))  
used projector\_\_\_\_\_
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

There are mainly three parts in my lecture, i.e. some brief introduction about China, fundamental concepts, and research activities in seismic disaster prevention, and some personal experience about the international research. China has a long historical relationship with Japan. The culture communication started from almost 2000 years ago. I showed some Chinese culture, attractions, i.e. panda, forbidden city etc. Furthermore, the comparison between Chinese and Japanese historical sites proved that we shared the same ancient culture. To this end, I expressed my willingness for a long-term friendship and cooperation between China and Japan.

As for my research, I explained the concept of disaster prevention, also the importance of disaster prevention in Japan was addressed. Then, I introduced the typical process for the scientific research. I hoped every student will try to ask 'What, Why, How' when facing unsolved problems. For making a clear understanding, I took the widely used elastic response spectrum (ERS) as an example. I introduced the development of ERS, demonstrating the importance of the international cooperation, as well as the difficulty in creating new knowledge. In this chapter, students proposed some interesting questions, and some supplementary statements were also presented.

Finally, I shared the personal feeling of being a researcher, as well as some understanding of the

global collaboration and competition. I wanted to encourage them to have an international view on their own career.

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

I like this trip. Communicating with teenagers always makes me happy and exciting. I enjoyed this lecture. This lecture also gives me the opportunity for the close touch with the Japanese high school. I found many interesting issues in the high school, i.e. club culture, traditional Kanji writing etc. I will encourage the following JSPS fellow to join such program.

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

Nothing special.

- Impressions and comments from the accompanying person (講義補助者の方から、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。)

I really appreciate Mr. Sasaki's support. He helped me a lot in the ticket reserving and guidance in Fukui city. He is very kind and responsible. Good Master student.