

(For JSPS Fellow)

Form B-5

Date (日付) 29/9/2017

(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): Vesna Lavtizar ID No. P16773

- Participating school (学校名): Hikawa High School

- Date (実施日時): 21. 9. 2017 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Toxic chemicals in the environment

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

Mr. Lin YingQuing

- Lecture format (講演形式):

◆Lecture time (講演時間) 100 min (total)(分), Q&A time (質疑応答時間) ~ 15 min total(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))

The lecture was conducted through the PowerPoint presentation. A short experiment with students was performed at the end of the lecture.

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

Lecture was prepared according to the suggested topics of the high school teachers. In that way the lecture consisted of 3 main parts: 1) introduction about myself and my home country, Slovenia 2) My research at Kobe University 3) Short experiment.

Students got introduced to Slovenia and its main features. They could compare Slovenian and Japanese differences in culture, educational system, landscape and cities. After that, students listened about environmental pollution, which is the subject of my research. I talked about the pollution of water, air and soil as well as about the effects the pollution may cause to people, plants and animals. I also talked about toxic chemicals in the environment, such as biocides used in farming and the antifouling biocides used in ship paints. I explained students what I do for my research – that is investigating the toxicity of antifouling biocides in ship paints to animals living in the sea. In my research, I also measure how much of the toxic chemical is in sea water. To do that, I use a technique called chromatography. At the end of the lecture, we performed a short experiment using this technique to separate different colors contained in black ink.

We made a short break after the first part of my lecture (speaking about Slovenia). At that time and after the lecture, students also had time to ask questions.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):  
Lecture should be prepared in a way that is easy to understand. Easy English, many pictures in slides. Do not go too deep in your research if it is too difficult to understand, in that case, only make a brief of your research topic and explain, why is it important.

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

I gave a speech to 74 students attending a Super Science program in Hikawa High School. Students seemed to be very smart, and teachers were very friendly. It was my pleasure to give this lecture.

- 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。)

Lin-san has no comments.