

(For JSPS Fellow)

Form B-5

Date (日付)

24/01/2017 (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): CHEN, Hung-yen (ID No. P15399 )

- Participating school (学校名): Shizuoka Kita High School

- Date (実施日時): 23/01/2017 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Introduction of the studies in global marine species diversity.

(in Japanese) none

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

At the beginning of this talk, I shared my experience of studying and living abroad and becoming a researcher briefly. I also talked about my country and welcome any kinds of question about me and Taiwan. After that, I introduced my research of marine species diversity at global scales. Global patterns of marine species diversity have been widely studied, including a cross-section of organisms ranging from phytoplankton and zooplankton to seaweed, coral reefs, marine mammals, tunas, and sharks.

The global decline of species diversity highlights the need for gaining a better understanding of the correlations between marine communities and the effects of climatic change and human activities in order to identify and develop conservation priorities. Protected or conservation areas are locations that are protected because of their recognized natural, ecological, and/or cultural values. They are essential for biodiversity conservation because they provide habitat and protection from human activities for threatened and endangered species.

Statistics, or just data science, is necessary in not only all fields of research but also our daily lives. Especially in the age of huge data, data scientist could be an interesting choice for student who likes to become a researcher in the future. I will be happy that if my experience could provide students some useful information about their future in study and could inspire their interests of research.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 30 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

◆Interpretation (ex.: assistance by accompanied person, provided Japanese explanation by yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))

assistance by the teacher at the high school, Dr. Midori Takahashi,  
provided Japanese explanation by her and myself

◆Name and title of accompanied person (同行者 職・氏名)

none

◆Other note worthy information (その他特筆すべき事項):

I enjoyed the program very much.

- Impressions and opinions from accompanied person (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**