

(For JSPS Fellow)

Form B-5

Date (日付)

25/10/2015 (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) : BEROYA-EITNER, Mary Antonette
(ID No. P 14809)

- Participating school (学校名): Jr. And Sr. High School at Komaba University of Tsukuba

- Date (実施日時): 17/10/2015 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Science Dialogue

(in Japanese)

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

My lecture is divided into 4 parts. The first part is Self-Introduction where I briefly introduced myself, where I came from, my educational and work background. The second part is about my country of origin, the Philippines. Here, I discussed 2 points: Natural Disasters in the Philippines and the State of the Philippine Environment. I focused on these two subtopics because, first, they serve as a background for the last two parts of my presentation (i.e., why I chose to be a geologist and why I am doing my current research) and second, by knowing these issues confronting the Philippines, the students can in a way obtain some knowledge of the problems many other countries, particularly those developing ones, are experiencing as well because these problems are not unique to the Philippines. The third part is Why I Became a Geologist? Here I explained briefly what a geologist does. Then I explained that originally, I took geology because of my love for adventure. However, as I learned how geology can be a powerful tool to understand how natural disasters happen (especially as the Philippines are prone to many of them) and how they can be prevented, I decided that I was in the right profession and further pursue my career as a geologist. Finally, I presented my present research as a JSPS-UNU fellow, which is on Ecosystem-based Approach to Flood Risk Mitigation with case study at Kinuta Park in Setagaya, Tokyo. Specifically, I am looking at how urban parks can contribute to flood control, in addition to providing many such services as micro-climate regulation, air purification, noise reduction, biodiversity enhancement, carbon capture, recreation and cultural values, among others. Qualification and quantification of these services are currently being done.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 80 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, , showed video, open discussion, participatory

◆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))

No need, the students can understand and expressed themselves fairly well.

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

-NA-

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

The students were very participatory and engaged, asking many questions.

- 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。):