

Form B-5

Date (日付)

12/12/2012 (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): MONTIEL WELTI, Elisa (ID No. P11012)
- Participating school (学校名): Gizan High School, Gifu
- Date (実施日時): 4/12/2012 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): Social Media and Emergency Preparedness Maps: Mapping Internal Displacement in Mexico

ソーシャルメディアと災害対策マップ:メキシコの内部変位マッピング

- Lecture summary (講演概要):

The presentation aimed to provide students an overview of two main topics: the phenomenon of internal displacement caused by violence in Northern Mexico, and the use of new technologies that include social media and disaster-prevention mapping to map phenomena of human insecurity.

The discussion first explained the underlying issues that cause violence and human insecurity in Mexico, including gender, economic and other kinds of inequalities. It also touched upon the idea of human security and the importance of understanding security as a matter concerning individuals within a country in contrast to the old state-centered definition. The presentation briefly explained, in its first section, the links between gender, disparities and security.

The second section of the lecture talked about how risk/insecurity is currently measured around the globe. It explained how risk assessment is a tool used to prevent and respond to natural and human made disasters. This section of the lecture talked about emergency preparedness and the challenges and opportunities for assessment and risk research with the use of new technologies, such as the use of mobile phones and digital maps.

In its last section, the lecture explained how the two mentioned topics interconnect. It showed how, with the use of new technologies (information provided via mobile phone to social media sites, and digital maps similar to those of Google Earth) it was possible to gather information and assess the level of emergency or insecurity in situations such as the ones of internal displacement in the North of Mexico. For this, it was explained how the construction of maps with information gathered with new technologies is made, and maps to assess risk and preparedness measures for earthquakes, floods, internal displacement or armed violence were shown to the students.

- Language used (使用言語): English and Japanese

- Lecture format (講演形式):

◆Lecture time (講演時間) 50 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))

Power Point Presentation, Glossary Handouts, Projection of Digital Maps

◆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))

Provided by myself

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

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

- 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。)