（**For JSPS Fellow**）

Form B-5

Date（日付）

　　4/7/2016　　　　　　（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）:　　Ponthip Limlahapun　　　　　　（ID No. P14351　　）

- Participating school（学校名）:　　Fukui Prefectural Koshi High School

- Date （実施日時）:　2 July 2016　　　　　　　　　　　　　（Date/Month/Year：日/月/年）

- Lecture title（講演題目）:　(in English)　　Research Response for Disaster

　　　　　　　　　　　　　　　（in Japanese）防災研究の対応

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

The beginning of the presentation was self-introduction. This part included about Thailand (i.e., location, people, language, tourist attractions, and food). The presenter also mentioned the impressive while living in Japan. The next, we discussed on research interests and provide some applications on Geographic Information System (GIS), Remote Sensing (RS), and Database. For example, how we use GIS in daily applications (i.e., earthquakes, floods). Satellite images comparison before-after in the coastal zone area affected by Earthquake and Tsunami were presented. Some case studies in different part of the world also explained. The third part of the presentation, I explained on flood management components (i.e., potential risk information, prevention, preparedness, and recovery). In each component, we need different information to support flood disaster (i.e., rainfall monitoring data, flood model, information distribution infrastructure). The example of how to conduct research on some components as well as results will be shown. The last part, review the applications on GIS and remote sensing were given as exercise. Each students had chance to summarize what kind of information they could receive from the maps.

- Language used（使用言語）:　 English

- Lecture format（講演形式）: Power Point

　◆Lecture time（講演時間）　 45 　min（分）, Q&A time（質疑応答時間）　 45 　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））

　　　　　　　　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））

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

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