

Form 3

Date (日付)

_____ (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 (参加外国人研究者氏名): CHEVALIER BASTIEN (ID No. P08818)

Participating school (参加機関(受入学校名)): Kumamoto-kita high school

Date (実施日時): 16/03/2010 (Date/Month/Year:日/月/年) Time: from 10:55 to 12:35

Lecture title (講演題目): (in English) Introduction to soil mechanics - Research about arches in soil

(in Japanese) 土の力学への入門 -地盤内に発生するアーチ効果の研究

Lecture summary (講演概要):

After presenting briefly my country (France) and its educational system, I introduced some basic principles of physics about friction, which is fundamental in soil mechanics. Then, I presented the purpose of the study of soil mechanics and its major applications (infrastructures, building and urban planning, environmental engineering...). To conclude, I presented an overview of some recent experiment that I conducted in Kumamoto University about arching effect in soils.

Language used (使用言語): English

Lecture format (講演形式):

Lecture time (講演時間) 60 min (分), Q&A time (質疑応答時間) 35 min (分)

Lecture style (examples: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、プレ実験など))

used projector and a slideshow

Interpreter (example: assistance by host or colleague, provided Japanese explanation by yourself)

(通訳 (例: 受入研究者によるサポート、外国人研究者本人による日本語説明))

my host researcher accompanied me at the highschool.

Name and title of assistant (協力者 職・氏名) (example: host or colleague)

Professor Jun Otani (Kumamoto University) and Takamura Tetsuya (Kumamoto-kita high school)

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

Impressions and opinions of assistant (協力者から本事業に対する意見・感想等がございましたら、お願いいたします。): the support brought by Pr. Jun Otani and M. Takamura was very useful and appreciated