

(For JSPS fellow)

Form 3

Date (日付) 9 November 2009

(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): Jeremy Bricker (ID No. P09704)

Participating school (参加機関(受入学校名)): Nanao High School

Date (実施日時): 7 November 2009 (Date/Month/Year: 日/月/年) Time: from 1:10pm to 3:10pm

Lecture title (講演題目): (in English) Global Warming and its effects on the oceans

(in Japanese) 地球温暖化の海洋への影響について

Lecture summary (講演概要):

We presented the causes, physics, and effects of the greenhouse effect. The resulting global warming causes sea level rise, ocean acidification, increase in storm frequency and intensity, and the possibility of abrupt climate change due to reduction in the Thermohaline circulation. We discussed human responses to these effects, and guided the students through a laboratory to demonstrate how freshwater in the north Atlantic can weaken the Thermohaline circulation.

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

Lecture format (講演形式):

○Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 30 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))

About 70 minutes powerpoint/projector lecture. About 30 minutes laboratory that the students conducted themselves, with our supervision. About 20 minutes Q&A.

○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))

I lectured in Japanese and English. When my Japanese wasn't clear, Prof. Yamazaki explained clearly in Japanese.

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

Host: 山崎 秀勝

○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。)