

(For JSPS Fellow)

Form B-5

Date (日付)

21/02/2016 (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): Sanjay KUMAR (ID No. P15078)

- Participating school (学校名): Fukui Prefeural Fujishima High School

- Date (実施日時): 20/02/2016 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English): Global warming & climate change: Let's save our mother Earth

(in Japanese) : 地球温暖化と気候変動 : 私たちの母地球を救うしてみましょう

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

Gradual increase in the average temperature of the Earth's atmosphere is known as Global warming and climate change is one of the consequence of global warming. Global warming leads to un-balanced eco-system and would be expected to have a number of impacts, particularly on coastal systems. Such impacts may include increased coastal erosion, higher storm-surge flooding, inhibition of primary production processes, more extensive coastal inundation, changes in surface water quality and groundwater characteristics, increased loss of property and coastal habitats, increased flood risk and potential loss of life, loss of non-monetary cultural resources and values, impacts on agriculture through decline in soil and water quality and loss of tourism, recreation, and transportation functions. The kids are the future of nations and may be scientists, engineers and policy makers. They must be aware of global warming & climate change and their consequences on the eco-system. In my presentation, I discussed about the basics of global warming, climate change and their consequences on the eco-system with interesting pictures and proverbs in simple English sentences. My effort was to make them understand their contributions to control the global warming. In the last few slides, I discussed about my JSPS research project and the importance of research to mitigate and control the problem of global warming.

- Language used (使用言語): English

- Lecture format (講演形式):

◆ Lecture time (講演時間) 55 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))

Used projector, Video Clips and green board to make my persentaion more illustrative

Must be typed

- ◆ 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))

Not applicable (I tried to explain by myself using sign language, where ever required)

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

Not applicable

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

The participant school should be closer to the JSPS fellow Institute so that some interesting experiments could be conducted

- 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。): Not applicable