

(For JSPS Fellow)

Form B-5

Date (日付)

15/09/2013

(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): SUJATA MANANDHAR (ID No. P 13061)- Participating school (学校名): FUKUSHIMA HIGH SCHOOL- Date (実施日時): 13/09/2013 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) WATER RESOURCES AND CLIMATE CHANGE
(in Japanese) 気候変動と水資源

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

Ongoing climate change over succeeding decades is likely to have cascading effects on water resources, biodiversity, ecosystem, and human livelihoods. As water is the most essential element to life on earth, increasing impacts of climate change and adapting to those changes are important issue worldwide. Studies on climate change impacts and adaptation are already widespread in water sector. However, much research has focused on physical consequences of water resources (model evaluation), and climate change impacts to local people and effectiveness of ongoing adaptation is poorly studied in developing countries. Therefore, my attempt is towards understanding climate change, its impacts and adaptation to water resources at local level using social research techniques (such as household surveys, key persons interviews), which complements physical model based studies. The combination of social scientific assessment and numerical evaluation will provide important insights into the climate change, its impacts and the way people respond to it, whilst simultaneously guiding future climate change adaptation process at local level.

- Language used (使用言語): ENGLISH

- Lecture format (講演形式):

◆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))

USED 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))

PROVIDED JAPANESE TRASLATION IN THE HANDOUT/PRINTED PRESENTATION

◆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。):