

Form B-5

Date (日付)  
30/09/2011 (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) : PING JIANG (ID No. P10809 )
- Participating school (学校名) : Tochigi Prefectural Utsunomiya Girls' High School
- Date (実施日時) :28/09/2011 (Date/Month/Year:日/月/年)

- Lecture title (講演題目) : Dream City--A Carbon Zero City in the Future  
(in Japanese)

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

Climate change is the biggest challenge in the 21<sup>st</sup> Century. More CO<sub>2</sub> emissions and other pollutions are produced with the global economic development, and climate and environmental issues are becoming worse. Comparing data of CO<sub>2</sub> emissions per person in different countries, the result shows that people in developed countries has higher carbon emissions than people in developing countries.

China is biggest CO<sub>2</sub> emitter in the world and it has taken some actions to tackle climate change. One zero carbon city has been proposed in Chongming Island, Shanghai in 2009. The renewable energy would be the main energy resource to the whole city which includes the biomass, solar energy, wind power, etc. And the research and education centres would also be established in the city for raising awareness and sharing knowledge on mitigation of climate change. The city could be a good model for the urban sustainable development in the future.

- Language used (使用言語) : English

- Lecture format (講演形式) :

◆Lecture time (講演時間) 40 min (分), Q&A time (質疑応答時間) 15 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))

No

◆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。) :