

Form B-5

Date (日付)

05/10/2017 (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): Dewi Langlet (ID No. P16708)

- Participating school (学校名): Suwa-Seiryo High School

- Date (実施日時): 22/09/2017 (Date/Month/Year:日/月/年)

- Lecture title (講演題目): (in English) How to live without oxygen: the example of coastal benthic foraminifera

(in Japanese)

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

Anoxia (the absence of dissolved oxygen) is a natural phenomenon reinforced by human activities that occurs in numerous coastal waters. Anoxia can lead to massive mortality events in fishes and other economically-important organisms.

My research work focuses on living benthic foraminifera – a group of protists (unicellular organisms) that produces a shell and lives in marine sediment. I am interested in studying the effect of anoxia on foraminifera from the community scale to the individual metabolism. I'm identifying in the field (Adriatic Sea, Dutch coastline, ...) which species can survive without oxygen and try to understand how can these species live in such conditions.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 105 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))

Lecture projection and conducted experiments (microscope observations) _____

◆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))

◆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。):