

(For JSPS Fellow)

Form B-5

Date (日付)

(09/03/2018) : 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) : Blanca Isabel Buitrago Franco
(ID No. P17777)

- Participating school (学校名) : Shizuoka Prefectural Kakegawanishi High School

- Date (実施日時) (09/03/2018:日/月/年)

- Lecture title (講演題目) Education for Sustainable Development
From Global to Local

- Name and title of your company (同行者 職・氏名)
United Nations University, Institute for the Advanced Study of Sustainabilit -IAS

- Lecture format (講演形式) :

◆Lecture time (講演時間) 1h 30min (分), Q&A time (質疑応答時間)
13:30 – 15:00 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 using projector, eletronic devices and audiovisual
material

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

Lecture 'Education for Sustainable Development (ESD)

The lecture 'Education for Sustainable Development (ESD): From Global to Local' consisted of two sections. Each section was followed by an activity in which students were encouraged to apply knowledge they were previously equipped with. The lecture made use of technology to assist students in gaining relevant knowledge on the subject. Lecturers at the local school and JSPS staff participated in the lecture.



Section 1: Education for Sustainable Development: Global Trends

The first part of the lecture concerned with Global Trends on Education for Sustainable Development. Existing themes, commonalities and differences across four regions were presented, namely: ESD in Asia and The Pacific, ESD in Africa, ESD in The Americas and ESD in Europe. This was followed by an interactive activity that encouraged students to research on the Sustainable Development Goals and explore ways how those can address pressing education issues in the four geographical locations. Using electronic devices such as tablets and laptops, both, the students and the lecturer came up with examples to better understand each SDG in theory and practice in relation to education.

Second Section: Impactful ESD






In the second part, the lecturer presented impactful or innovative ways in which students can engage in SDGs at the education institutions. Students were encouraged to follow four steps to help them action SDGs both, at school and home. Be bold for SDGs, creativity, entrepreneurial spirit and becoming a connector for SDGs at school were some of the themes discussed. After an open discussion that encouraged students to brainstorm some of ideas on potential practical applications to

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integrate SDGs in the classroom, students and the lecturer came to an agreement to record short videos to link each SDG with their firsthand experiences. Short videos were recorded addressing fifteen (15) out of seventeen (17) SDGs (See Table 1).



SDG	Linking SDGs and ESD Impactful Visual Material <small>(Produced by students under lecturer's supervision)</small>
	https://drive.google.com/file/d/1Ner9uW0iPSarA1eKYjCNq-fknbSHrvxF/view?usp=sharing
	https://drive.google.com/file/d/1x84ChZ1t7ItBoIB_O989I-BxCHnC6JI7/view?usp=sharing
	https://drive.google.com/file/d/1YHMFmek2313kGw_Hu8kb-bMHC7Ky2r-v/view?usp=sharing

<p>4 質の高い教育を みんなに</p> 	<p>https://drive.google.com/file/d/1oi7a_TYD7BRmjB1GsMXTXFxhJvJCgFW1/view?usp=sharing</p>
<p>5 ジェンダー平等 実現しよう</p> 	<p>https://drive.google.com/file/d/17rgH2wYbxr-geXZAGCgx6FISJRNmq4OK/view?usp=sharing</p>
<p>6 安全な水とトイレ を世界中に</p> 	<p>https://drive.google.com/file/d/1eiBM25hyft9SlrazRNH472Xgik3RkkGZ/view?usp=sharing</p>
<p>7 エネルギーをみんな そしてクリーンに</p> 	<p>https://drive.google.com/file/d/1_iQ-P-ygdmkIsC5dLQVT8D7LRQgnI3Er/view?usp=sharing</p>
<p>8 働きがいも 経済成長も</p> 	<p>https://drive.google.com/file/d/1AXSkY_L5JSY35Kh6nW71Fik_IJpgTg6h/view?usp=sharing</p>
<p>9 産業と技術革新 基盤をつくろう</p> 	<p>https://drive.google.com/file/d/1RhVg4XodMNilQ9MNUqcve63oIPbhQI_y/view?usp=sharing</p>

<p>10 人や国の不平等をなくそう</p> 	<p>https://drive.google.com/file/d/157rHWmA3SvY2eEaOazPLUXTOzOJeVT5s/view?usp=sharing</p>
<p>11 住み続けられるまちづくりを</p> 	<p>https://drive.google.com/file/d/1d2fNnzy5bIfgWZe9sDZr2PObl8r17VPA/view?usp=sharing</p>
<p>12 つくる責任つかう責任</p> 	<p>https://drive.google.com/file/d/1U8-PDnK5J9_lIOCyAji3KVGqSvQ1HbFv/view?usp=sharing</p>
<p>13 気候変動に具体的な対策を</p> 	<p>https://drive.google.com/file/d/163WysZlWHBLh6euQwsOk6MSMv1HpJilV/view?usp=sharing</p>
<p>14 海の豊かさを守ろう</p> 	<p>https://drive.google.com/file/d/1gRGKZZyxEXhZRJETbsRx7LUnKp24Hggo/view?usp=sharing</p>
<p>15 陸の豊かさも守ろう</p> 	<p>https://drive.google.com/file/d/1b4FUlsFfglwr7zxRmSC8jiatrO4oQY_1/view?usp=sharing</p>

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス) :

'Linking students to an expanded world via English Bringing the future to the Classroom'... Following Science Dialogue's premise, this is an excellent opportunity for high school students to gain valuable knowledge. I highly recommend Fellows to actively participate in these initiatives. We scientist, more than ever, are accountable for translating our reserach into curriculum and practice. Science Dialogue is the best platform to translate science into impact.

- Other noteworthy information (その他特筆すべき事項) :

I am very thankful to JSPS for the opportunity I have been given to further my reserach and create impact through the 'Science Dialogue' Initiative. I hope my contribution to Kakegawanishi High School not only helped students to gain knowledge but also get a different perspective on global issues, particularly on how they impact on their classrooms and local communities.

- Impressions and opinions from a company (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。)

Impressions and opinions came mainly from Toshihiko Fukuda, staff at Kakegawanishi High School. His impressions are as follows: 'Thank you very much for visiting Kakegawa Nishi High School and for your lecture last week. Your lecture inspired many students and they learned a lot about SDGs and sustainable development. I hope you enjoyed your visit in Kakegawa Nishi'. More information on the lecture can be found at the school website. Please access link below:

<http://www.edu.pref.shizuoka.jp/kakegawanishi-h/home.nsf>