

**AY2020 Center for Inclusive Leadership (CIL)
Pedagogy Research and Event Subsidy**

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研究課題名 Research Title	Examining the Potentials and Challenges of Grassroots Activism as a Pedagogy Framework for Implementing Inclusive Sustainable Development in Societies, Locally, Regionally and Globally			
研究メンバー Research Group Members	氏名 Name	所属 Affiliation	職位 Position	
	ALCANTARA LAILANI LAYNESHA	APU	Professor	
	PETRUS WILLIAM ROUX	APU	Associate Professor	
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**2020 年度 研究経過 (研究経過・到達点を明確にご記入ください。800~1,000 字)
AY2020 Research Progress (Please state clearly the research progress, results, approx. 400 words.)**

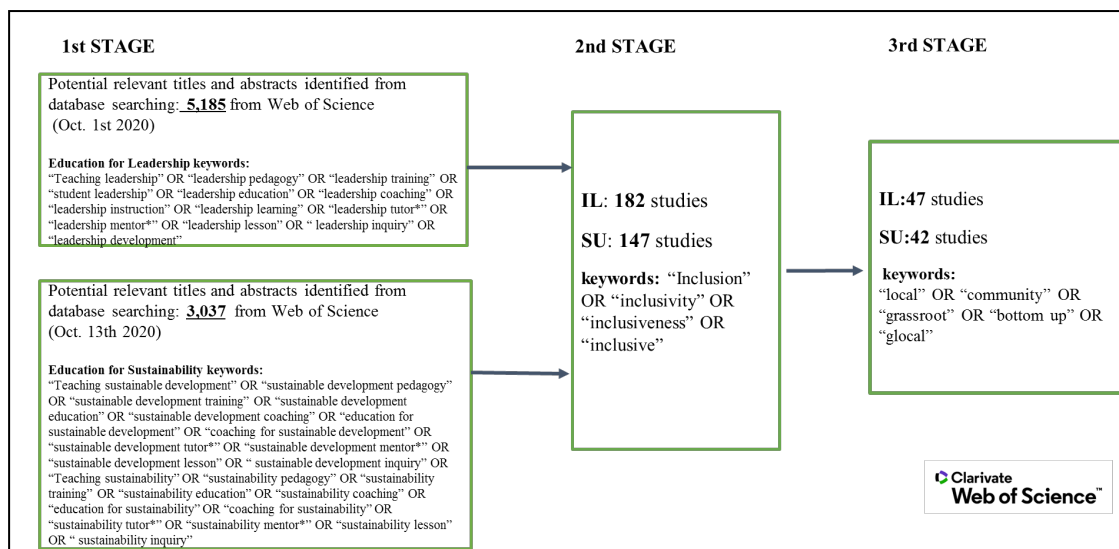
Upon start of the project in August 2020, the research team frequently meet online, communicate by email, and in person meeting (Prof Takekawa's visit to Beppu on March 30 and 31, 2021). The result of our research for August 2020 to end of March 2021 is as follow:

1) Presenting in AP Conference 2020:

Title of our presentation: "A Literature Review of Pedagogies on Inclusive Leadership and Sustainable Development in Higher Education."

We presented the result of our preliminary literature review of sustainability and inclusive leadership pedagogies. We have applied a systematic literature review to assure the quality and robustness of our research design and findings by making our search of literature explicit and reproducible (Riebe et al., 2016).

To conduct a comprehensive literature review, we set to include all articles found using a search string of keywords. Keywords were first developed by the two authors who conducted an initial search of literature examining the terms used to refer to sustainability pedagogy, leadership pedagogy, and inclusion. The list of keywords was further refined through discussions with other authors. Only publications that contribute to the theme of integrating pedagogies on sustainability and inclusive leadership were included (please see Figure 1). Total of 40 recent publications in sustainability and



inclusive leadership pedagogies were analyzed and presented in the conference.

Figure 1: Literature review process

2) Comprehensive literature review:

Built upon our preliminary literature review presented in APU conference, we have conducted a comprehensive literature review on pedagogies on sustainability and inclusive leadership. To conduct a critical assessment and synthesis of the literature, all articles were screened for eligibility based on abstract. Two authors who are expert in the field of sustainability reviewed the sustainability pedagogy literature while the other two authors who are expert in the field of leadership were assigned to review the leadership pedagogy literature. The four authors read the abstract to identify articles that will be retained for further analysis and synthesis. This process resulted in 30 articles each for the sustainability pedagogy literature and leadership pedagogy literature. We are in the process of preparing the manuscript to be published in an academic journal (please see our publication plan in Research Plan for AY2021 section).

3) Advising and working closely with the APU student:

Member of research team club have been working with the APU student club, ECOS (Environmental Community for Sustainability) and Beppu local community, KEPC (Kamegawa Environmental Protection Club). We have participated in the cultural and environmental protection joint events conducted jointly by KEPC and ECOS to observe the inclusivity amongst APU student bodies and local environmental activists' communities.

2020 年度中の研究発表 (予定を含めてご記入ください)
Publication of Research in AY2020 (journal articles, conferences, etc.) (Please include future plans as well)

発表方法 Publication Methods	詳細 Details		
著書・論文等 Books or Articles	著書・論文名等 Title of Books or Articles	出版社／掲載誌・巻号等 Name of Publisher / Name and Volume of Journal	刊行年月日 Date of Publication
学会等 Presentation at an Academic Conference	タイトル Title	学会名 Name of an Academic Conference	発表年月日 Date of Presentation
	A Literature Review of Pedagogies on Inclusive Leadership and Sustainable Development in Higher Education	18th Asia Pacific Conference, APU	2020/11/14
その他 Others			

2020 年度 開催イベント (予定を含めてご記入ください)
Events in AY2020 (Please include future plans as well)

	イベントタイトル Title of Events	イベント詳細 Event Description	開催年月日 Date of Event
イベント Event	Fireflies habitat restoration activities	Jointly with ECOS, KEPC and some APU students as volunteer, we have restored the habitat of fireflies along Hiya river in Beppu	2021/03/14

2021 年度 研究計画 (800～1,000 字)
Research Plan for AY2021 (Please state clearly the research progress, results, approx. 400 words.)

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AY2021 Research Plan:

1) Paper No.1: Comprehensive literature review on Pedagogies on Inclusive Leadership and Sustainability

As explained in Research Progress section, we have conducted a comprehensive literature review and have reviewed 30 recent articles in sustainability pedagogy and 30 articles inclusive leadership literature (a total of 60 articles were reviewed). We are in the process of preparing the manuscript to be published in journal of sustainability (MDPI) with provisional title as; “Towards a pedagogy for the study of inclusive leadership and sustainable development in Japanese higher education”.

2) Conducting events:

We will conduct the following events jointly with ECOS and KEPC for the public:

- Counting and collecting the number of fireflies in along Hiya river, May–July 2021
- Firefly watching events in Hiya river in early July
- Fireflies and sea turtle habitat restoration activities from April 2021–March 2022
- Conducting Star Dome workshop using bamboo by Professor Takekawa in Beppu Global Garden (BGG), the land that has been given to ECOS students by KEPC from 2019 to jointly practice organic farming.

3) Development of pedagogical framework for implementing inclusive sustainable development:

To understand the drivers, rewards, challenges, as well as barriers of practicing inclusive leadership in a setting of great diversity of APU EA and local grassroots environmental activists (GEA), we will develop a pedagogical framework. Through holding lectures, workshops, volunteering and cultural events and conducting extensive surveys and interviews we will investigate the impacts of grassroots activism on students from ‘inclusive leadership and sustainability perspectives’. In particular, we will document and assess the factors that drive inclusivity and its impacts within and between the two groups by analyzing the various levels of inclusiveness in collaborative conservation activities of GEA and its impact on socio–environmental sustainability.

4) Paper No.2: Pedagogical Framework for Inclusive Sustainable Development

We are planning to publish our developed pedagogical framework as our second manuscript.

5) Apply for Grant in Aid (GIA) AY2022:

Through utilizing finding of our CIL project, the research team is aiming to apply for the Grant in Aid AY2022 to deepen our understanding and insights of the potentials of grassroots activism as a pedagogy tool for inclusive leadership and an inclusive approach to socio–environmental sustainability. In case of success receiving the GIA grant, we will utilize the budget to apply our CIL project findings to integrate IL skills of collaborative conservation into APU’s “normal classroom” activities to provide students the motivation and commitment to apply them to real–world situations in their home countries.

6) Dissemination of event and research outputs

In addition to submitting our research outputs for journal publication, we plan to disseminate our research output through conference presentations, including AP conference, and seminars. We also plan to develop our research project’s website through which we can make our event and research outputs available and accessible to everyone.

Please see table 1 for details of the AY2021 research timeline.

Table 1. AY2021 Research Timeline

	DATES	PLANTS
1	2021/4/30	Draft Paper (No. 1) Provisional Title: “Towards a pedagogy for the study of inclusive leadership and sustainable development in Japanese higher education”.
2	April 2021–March 2022	Conducting events jointly with ECOS and KEPC - Fireflies and sea turtle habitat restoration activities - Firefly watching events
3	April - November 2021	Preparation for draft article No.2 by expanding literature review (based on article 1) by adding the Japanese articles & studies and development of pedagogical framework for implementing inclusive sustainable development
4	October 2021	Apply for Grant in Aid AY2022
5	November 2021	Present ongoing findings at AP 2021
6	December 2021 - March 2022	Paper (No. 2) Provisional Title: “Towards a pedagogy for Inclusive Leadership and Sustainable Development in Japanese Higher Education: Establishing a framework for regeneration”