



講師 / 修士

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## 学歴

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## 経歴

大阪「Nova」マルチメディアセンター先生  
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## 相談・講演・共同研究に応じられるテーマ

教室でのテクノロジー、効果的なオンライン教育、スコットランドの文化交流、スコットランドでの再生可能エネルギーの使用と環境の持続可能性に関するセミナー

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## 主な研究と特徴

## 「Technology in the classroom and CALL」

Technology is clearly an ever improving ever developing part of our life. Current students who have grown up with smartphones, wireless streaming, cloud saving, and other useful technology expect that these features, so common and convenient in their lives, will be equally utilized in the classroom setting. Moreover they enjoy the class more when they have access to these technologies. Going forward it seems unlikely that the days of rolling in an OHP or TV and demanding paper submissions will continue. Rather than hanging onto the past it is important to embrace these technologies and learn how to apply them effectively to the study of SLA methodologies. Through utilizing iPad connected to a projector as a virtual whiteboard, we can enable colorful, interesting, responses to student questions. Numerous apps allow us to streamline our lesson management so that we can focus wholly on instructing students. Many modern textbooks have online components and companions which help promote active learning. Modern e-learning software allows for students to practice pronunciation and listening skills efficiently with immediate feedback. Continuously adapting and improving lessons as new technology (both hardware and software) becomes available, is what I find particularly enjoyable in language teaching.



## 「Renewable energy use in Scotland and Japan」

As both a geographer focused on climate change and native of Scotland, where it is so ubiquitous, I have always had an interest in renewable energy. When I came to Japan, I was interested in how renewable energy use was expanding here and what parallels could be drawn with Scotland's green energy push. As of this year Scotland is producing 90% of the country's electricity consumption through renewable sources. These include wind, tidal, solar, and hydroelectric sources. More than half of this electricity comes from onshore and offshore windfarms. Scottish people are very aware of this push for green energy and are proud of what the country is doing to promote a cleaner environment. With recent debate on nuclear power and other methods of electricity production in Japan, it too has started to look for clean energy solutions. As a result, the development of large offshore windfarms in Fukuoka and Akita has started. However unlike Scotland, these projects seem to be relatively unknown to the general public. While the Japanese technical expertise in constructing these technologies is without question, perhaps Japan could benefit from using Scotland as a case study in promoting support among its residents.



## 今後の展望

コロナウイルスの最近の増加、および将来的には世界的な流行の複数の波が発生する可能性があるため、オンラインの大学のクラスと通常のクラスの学習環境を比較する研究は重要な関心事です。特に第二言語習得に関して、この領域で話し合う要素には、オンライン環境での効果的なテクノロジーの使用、「孤立した」研究に従事するときの学生の動機、ビデオ会議ツールを介してコミュニケーション活動を行うときのグループの動的な変化が含まれます。生徒はオンラインでより多くのクラスの資料にアクセスできるため、学習用の資料にさらにアクセスできますが、これは生徒が自分のメモを取ったり、より個人的なレベルで取り組むことを妨げます。多くの研究者は、ノートを取ることは主題のより大きな保持につながるため、学生は学習プロセスの重要な部分を見逃していると主張するかもしれません。さらに、オンラインクラスは語彙や文法構造を学習するのに受け入れられるかもしれませんが、生徒が口頭でのコミュニケーションと発音のスキルを練習する能力を低下させるようです。これら2つのクラススタイルの詳細な比較は、今後の大学レベルの教育にとって重要な研究トピックになります。

## 所属学会

Ardrossan Wind Warn - Scotland

## 主要論文・著書

On the Application of Communicative Approach in English Education at Fukui University of Technology  
Nyugaku Naoya, Koyama Masashi, Lee Bradford, Thomson Sam  
Memoirs of FUT(47), 373-381, 2017

Comparison of Responses to Truancy in Japan, the United Kingdom, and the USA  
AKAZAWA Takashi, PIROTTTO Christopher, THOMSON Sam, KUMAGAI Takayuki  
Memoirs of FUT(49), 355-361, 2019