# FINAL REPORT 2020 11<sup>th</sup> Annual JACAC Student Forum

# Energy Politics for the 21<sup>st</sup> Century: Searching for the Best Mix February 14 – 22, 2020 | Fukuoka, Japan

Hosted by Seinan Gakuin University, Fukuoka, Japan in cooperation with: Prince Takamado Japan Centre for Teaching and Research, University of Alberta and Hosei University

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## **PREFACE: Messages from the Organizers**

#### **Dear Participants of the 2020 JACAC Student Forum**

I hope you are staying healthy and safe, amidst the ongoing Corona crisis. In retrospect, I can say that we were fortunate to be able to host this year's JACAC Student Forum in its regular format. On behalf of Seinan Gakuin University, I would like to once again express my gratitude to all participants for their time, effort and the intellectually stimulating exchanges. I hope you have enjoyed your stay with us in Fukuoka. Some of you have joined this forum already equipped with substantial knowledge on the topic of energy policy. For many others, it was the first foray into a topic that they had not studied previously. As academic lead, I was impressed by your willingness to dig deep into the technological, economic and social advantages and disadvantages of various forms of energy generation suitable for Canada and Japan, irrespective of your background.

I'm certain that we have all learned a great deal over the course of this forum: Canadian students about Japan, Japanese students about Canada, majors in international studies, law or political science about energy generation and technology, and those majoring in engineering about political processes. The end results of your hard work were very convincing presentations that laid out a variety of potential solutions to the very real challenges facing Canada, Japan and indeed, the international community, as they formulate sustainable energy plans for the medium and longterm future. Some of you have come up with more ambitious proposals, others were more careful in their plans for a future energy mix; yet all presentations showed substantial insight into the various aspects of this complex issue ranging from existing and new technologies, pricing and regulations like Feed-in-Tariffs (FIT) or political realities like Not in My Backyard (NIMBY) movements. Even though we could pick only one team as the winner of the best presentation award, as academic lead, I was very happy to listen to six well researched and well-presented presentations.

Lastly, I hope this Forum has provided you not only with new insights about a timely topic of critical socio-economic importance as well as Canada and/or Japan in general; I have no doubt that the intercultural communication, interdisciplinary work that went into your final presentations and reports, and the friendships that were forged during this process will serve you well in your future careers. I wish you all the best for the future and hope to welcome you to Fukuoka again at some point in the future.

Best Regards,

Winkler, C. G., Ph.D. Associate Professor, Faculty of Law, Seinan Gakuin University Academic Lead, JACAC Student Forum 2020

### Message from the Prince Takamado Japan-Canada Memorial Fund

The Prince Takamado Japan Centre for Teaching and Research was very pleased to welcome all Japanese and Canadian students at the 11th Japan-Canada Academic Consortium Student Forum at Seinan Gakuin University in Fukuoka, Japan in February 2020. First and foremost, we would like to express our sincere appreciation to Her Imperial Highness Princess

Takamado for her support and participation in the forum. We would also like to thank Ambassador Ian Burney for his generous backing. This forum was also supported by Hosei University, our new Japan-side secretariat institution and our other membership universities. Without their commitments, this forum would have been impossible.

This year, global warming and energy issues have received a lot of attention, due to a campaign initiated by a young Swedish activist, Greta Thunberg. Her passion has spread into the world, resulting a huge number of demonstrations. This year's academic lead, Professor Christian Winkler responded to this trend, and delivered a great forum under the very timely theme, "Energy Politics for 21<sup>st</sup> Century: Searching for the Best Mix." Our participants learned a lot of experiments aimed at reducing the output of carbon dioxide in Japan.

The JACAC student forum is the largest annual project undertaken by the Prince Takamado Japan-Canada Memorial Fund at the University of Alberta. The Japan-Canada Academic Consortium is one of the largest and most unique academic collaborations between Japan and Canada. It continues to offer our participants the opportunity to exchange their ideas with fellow students beyond national borders. It has helped them develop interests in global issues, encouraging them to pursue further research and careers.

The world has imposed on us another challenge due to the outbreak of COVID-19. During such crisis, I feel that our commitment to younger researchers is essential for the future of humanity.

Aya Fujiwara, Ph.D Director, Prince Takamado Japan Centre for Teaching and Research University of Alberta

## **1. BASIC INFORMATION**

## 1-1. Japan-Canada Academic Consortium (JACAC)

"The Japan-Canada Academic Consortium aims to promote the exchange of undergraduate and graduate students, researchers, and teachers, and to encourage a movement of ideas and knowledge between the two countries."

Main activities of Japan-Canada Academic Consortium (JACAC) are "Student Exchange Program" between member universities of Japan and Canada, and a one-week student forum called "JACAC Student Forum".

As of 2020, JACAC consists of the following 20 member universities:

#### **Canadian Universities: 10**

University of Alberta | University of British Columbia | University of Regina | York University | Queen's University | Université De Montréal | Concordia University | Université Laval | University of Prince Edward Island | University of Waterloo & Renison

#### Japanese Universities: 10

Meiji University | Josai International University | J.F. Oberlin University | Tsuda University | Kwansei Gakuin University | Hosei University | Ritsumeikan University | Seinan Gakuin University |Nagoya University | Hokkaido University

## **1-2. JACAC Student Forum**

"Senior undergraduate student representatives from member institutions in both Japan and Canada will meet and exchange opinions and ideas about a common topic of interest to students today. The host institution shall alternate between Canada and Japan each year. The goal of this forum is to provide students with the opportunity to interact with their peers from a different culture, in order to gain insight into their current areas of academic interest and to encourage a flow of ideas between Canada and Japan. The official language of the forum is English."

JACAC Student Forum has been held annually since 2010, and the past forums were held under a variety of themes. Each forum consists of expert lectures, fieldwork, group work including research study, group presentations, field trip, etc.

## 1-3. The 11<sup>th</sup> Annual JACAC Student Forum 2020

The 11<sup>th</sup> Annual JACAC Student Forum was hosted by Seinan Gakuin University, Fukuoka, Japan, in cooperation with Prince Takamado Japan Centre for Teaching and Research – University of Alberta (JACAC secretariat in Canada), Hosei University ( (JACAC secretariat in Japan), and the Embassy of Canada. A brief overview of the forum is as follows:

#### Date:

February 14 (Fri) – 22 (Sat), 2020

#### Venue:

Seinan Gakuin University, the Embassy of Canada

#### Theme:

Energy Politics for the 21st Century: Searching for the Best Mix

#### **Content and Brief Schedule:**

TIME	EVENT	VENUE	NOTE
Jan 17 (Fri)			
_	Pre-Assignment Deadline	Google Classroom	
Feb 13 (Thu)			
_	Canadian students – Departure from Canada	—	
Feb 14 (Fri) –	Day 1		
	Canadian students and Japanese students – Arrival in Fukuoka	Fukuoka Airport	
20:30	Move to the accommodation, Brief Orientation	Arrival Lobby	Chartered
	- The Residential Suites Fukuoka	Domestic Terminal	Bus
Feb 15 (Sat) -	Day 2		-
9:30	- Assemble at the lobby of the hotel - Walk to the university		
10:00-12:00	- Welcome Remarks	Global Student	
	- Forum Orientation	Lounge, Bldg. 3	
	- Welcome Reception		
12:00-17:00	- Group Work	Classrooms, Bldg. 3	
Feb 16 (Sun)	– Day 3		
9:30-11:00	<ul> <li>Lecture 1: "Energy Policies for the 21st Century - Searching for the Right Mix"</li> <li>WINKLER, Christian Gerhard: Associate Professor, Department of Law, Seinan Gakuin University</li> </ul>	III-304, Bldg. 3	
11:30-13:00	<ul> <li>Lecture 2: "Law of Renewable Energy in Japan</li> <li>-RPS, FIT, FIP and Related Legal Issues-"</li> <li>- KOBAYASHI, Hiroshi: Professor, Faculty of Economics and Law, Shinshu University</li> </ul>	III-304, Bldg. 3	
13:00-17:00	Group Work	Classrooms, Bldg. 3	

Feb 17 (Mon)	- Day 4		
9:30-11:00	<ul> <li>Lecture 3: "The Political Economy behind Japan's Energy Policies"</li> <li>WINKLER, Christian Gerhard: Associate Professor, Department of Law, Seinan Gakuin University</li> </ul>	Multi-Purpose Room, Library	
11:30-13:00	<ul> <li>Lecture 4: "Is Nuclear Power the Path to the Future?"</li> <li>MARPLES, David Roger: Distinguished University Professor, Department of History and Classics, University of Alberta</li> </ul>	Multi-Purpose Room, Library	
13:00-17:00	Group Work	Group Rooms, Library	
Feb 18 (Tue)	– Day 5		
8:30-18:00	<ul> <li>Field Work &amp; Lecture 5 (On-site)</li> <li>Visit to Tenzan Water Power Plant and Genkai Nuclear Power Plant</li> </ul>	Karatsu City, Saga Genkai Town, Saga	Lecture will be provided on the bus.
Feb 19 (Wed)	– Day 6		
9:00-13:00	Group Work	Group Rooms, Library	
13:30	<ul> <li>Assemble in front of the library</li> <li>Walk to the subway station</li> <li>Go to Fukuoka Airport Station</li> </ul>	Library	
	Move to Tokyo - ANA258   Fukuoka 15:35 - Tokyo 17:10 Move to the accommodation by trains - GRIDS Tokyo Asakusabshi - Briefing for Day 7 + voting for MVP award	Fukuoka Airport/ Haneda Airport	
Feb 20 (Thu)			
9:00-12:30	Group Work	Embassy of Canada	
13:00-16:00	Group Presentations		
16:00-17:30	Closing Ceremony		
17:30-19:00	Reception		
Feb 21 (Fri) –	Day 8		
9:00-	Field Trip	Asakusa area, Tokyo	
Feb 22 (Sat) –	Day 9		
	Canadian students & Japanese students – Departure from Tokyo	Haneda / Narita Airport	
Feb 28 (Fri)			
	Final Report Deadline	Google Classroom	

#### **Participants:**

24 in total (12 from Japanese universities, 12 from Canadian universities)

<ul> <li>BOLDUC, William</li> <li>Université Laval</li> </ul>	— KAWAUCHI, Mio Hosei University	— NISHIMURA, Marina Ritsumeikan University
<ul> <li>CLIFFORD, Sarah</li> <li>University of Alberta</li> </ul>	— KIKUCHI, Kyosuke Ritsumeikan University	<ul> <li>— ROURKE, Serena</li> <li>Queen's University</li> </ul>
<ul> <li>COURCHESNE, Sophie</li> <li>Concordia University</li> </ul>	— KURIYAMA, Maho J. F. Oberlin University	— SAMUEL, Hanisi York University
<ul> <li>DELA CRUZ, Tadjana</li> <li>University of Regina</li> </ul>	<ul> <li>LEE, Justin CJ</li> <li>Université Laval</li> </ul>	— SHIMIZU, Nao Meiji University
— FERNANDO, Mideki Josai International University	<ul> <li>LI, Jessica</li> <li>University of</li> <li>British Columbia</li> </ul>	— TAKAHASHI, Mona Kwansei Gakuin University
— FUJIU, Tatsuki Meiji University	<ul> <li>— LI, Ruizhe</li> <li>University of Waterloo</li> </ul>	— TEMMA, Rena Hosei University
— GOMEZ, Simple Marie York University	<ul> <li>LOSIER-TREMBLAY, Simon</li> <li>Université De Montréal</li> </ul>	<ul> <li>THEUERKAUF, David</li> <li>University of</li> <li>Prince Edward Island</li> </ul>
— ISHIGAMI, Chieka Tsuda University	— MINE, Yuki Kwansei Gakuin University	— UEDA, Hiroko Seinan Gakuin University

#### **Organizing Committee:**

The forum was organized mainly by the following committee members.

#### **Academic Lead:**

Winkler, C. G., Ph.D.
 Associate Professor, Faculty of Law, Seinan Gakuin University (Host University)

#### **Program Coordinators:**

- Mr. SHIMIZU, Yosuke
   Manager, Center for International Education, Seinan Gakuin University (Host University)
- Ms. INOUE, Mariko
   Asso. Manager, Center for International Education, Seinan Gakuin University (Host University)
- Ms. MOCHIDA, Michiko
   Chief Program Coordinator, Global Education Center, Hosei University (JACAC Secretariat)
- Ms. KATO, Akiko
   Coordinator, Global Education Center, Hosei University (JACAC Secretariat)
- FUJIWARA, Aya, Ph.D.
   Director, Prince Takamado Japan Center for Teaching and Research, University of Alberta

## **2. DETAILS OF THE FORUM**

## 2-1. Theme & Issues / Questions

#### Theme:

Energy Politics for the 21st Century: Searching for the Best Mix

Many energy sources we are relying on in our daily lives in industrialized societies are as important to many global and local economies as they are the objects of criticism: Fossil fuels remain one of the most important energy sources, yet have long been criticized for their negative impact on the environment. Nuclear power may be efficient, but security concerns have resurfaced after meltdowns at the Fukushima Daiichi nuclear power station in 2011. Advances have been made in tapping into renewable energy sources such as wind, photovoltaic or geothermal; however, at this point their share in most G7 countries' energy mix remains comparatively small. Participants in this year's forum will be asked to come up with their very own ideas in how to tackle the formidable challenges presented by formulating an energy mix for the 21<sup>st</sup> century and beyond.

#### **Issues / Questions:**

- How should advanced industrialized countries like Canada or Japan plan their future energy mix?
- What are the priorities that define how a future energy mix should look like?
- How can Japan and/or Canada leverage their geography and/or natural resources in a sustainable way?
- What are the benefits and risks of each energy source?
- Where should actors (be they states or private enterprises) focus their resources?
- Should existing technologies be improved or should more money be spent on researching new ambitious technologies like nuclear fusion?
- How safe can or should power plants be? Who should set and watch over those standards?
- How to convince local communities to host power stations?

## 2-2. Pre-Assignments

Prior to the forum, participants worked on pre-assignments.

## 2-3. Lectures

#### **Lectures summaries:**

## 'Energy Policies for the 21st Century - Searching for the Right Mix' Dr. WINKLER, C. G., Seinan Gakuin University

As the first lecture of this year's forum, this talk will give a basic overview of the past and present of energy policy in Japan, Canada and other countries. Furthermore, we will discuss the various challenges different actors in politics, society and industry are facing, as they are trying to formulate a coherent set of policies going forward.

## 'Law of Renewable Energy in Japan -RPS, FIT, FIP and Related Legal Issues-' Dr. KOBAYASHI, Hiroshi, Shinshu University

This lecture mainly will illustrate development of laws related to renewable energy ("RE") in Japan after overviewing recent energy mix. Both of Renewable Portfolio Standards ("RPS") and Feed in Tariff ("FIT") are commonly used to promote RE. After the RPS Act in 2002, the FIT Act has been enacted in August 2011, come into force in July 2012 and recently amended in Japan. By the FIT Act, RPS has been in principle replaced by FIT. In addition, Feed-in Premium ("FIP") may be employed in the future. I will explain RPS, FIT, FIP and legal issues regarding RE.

## 'The Political Economy behind Japan's Energy Policies' Dr. WINKLER, C. G., Seinan Gakuin University

This lecture provides students with a closer look at the politics and political economy behind postwar Japan's energy policy. It will introduce students to 1) the peculiarities of the energy sector, 2) the Japanese government's agenda and approaches to siting and 3) the implications of the above for the present and the future of energy policy.

## 'Is Nuclear Power the Path to the Future?' Dr. MARPLES, David Roger, University of Alberta

With the diminishment of natural resources such as coal, oil, and gas, along with attention to climate change, many countries are looking to nuclear power as a viable, clean alternative. This paper looks at the development of nuclear power in Canada and Japan, exploring the consequences of major accidents such as Chernobyl (1986) and Fukushima (2011) and the problems entailed with increased reliance on nuclear energy: accidents, proximity of population centres, disposal of nuclear waste, and public fears.

## 2-4. Field Work

This year, students visited Tenzan Hydropower Plant and Genkai Nuclear Power Plant in cooperation with Kyushu Electric Power Co., Inc. It was a great opportunity for students to deepen the knowledge that they have learned in the lectures.

## **2-5. Final Group Presentations**

Participants worked together with their own group members and prepare presentations both prior to and during the forum. Each group is required to give a 15-minute presentation, followed by 5-minute QA session. Group 1-3 were asked to make a proposal for CANADA, while Group 4-6 for JAPAN. Presentations were evaluated by a panel of judges below:

#### **Panel of Judges:**

- Ms. Christine Callahan, Embassy of Canada
- Dr. David Anderson, the Alberta Japan Office
- Dr. David Marples, University of Alberta
- Dr. Christian Winkler, Seinan Gakuin University

#### Schedule:

9:00	Arrival at the Embassy	
9:00-12:30	Group Work	
Presentations:	Embassy	
13:00-13:10	Opening Remarks	MC: Mr. Yosuke Shimizu (Seinan Gakuin
		University), Introduction of the judges
13:10-13:32	Presentation and QA	MJ6
		"Moving the Hump with the Pump"
13:33-13:55		suito~yo
		"Safety, Security and Stability: Japan's Future
		Energy Mix"
13:56-14:16		Team Hakata Maple
		"A 20/20 Vision for Japan's Future Energy Mix: The
		Gradual Phase-Out of Coal Energy and the
		Revitalization of Non-Operational Sites for Clean
		Energy"
14:17-14:25	Intermission	
14:25-14:47	Presentation and QA	Team 1 and only
		"An Energy Plan and Solution for 2030"
14:48-15:10		Forces of Nature, 9 to 5
		"A Green Plan For A More Inclusive Canada"
15:11-15:31		JSMR
		"Towards a Sustainable 2040 Canadian Energy
		Mix"
15:31-15:55	Judges Evaluation /	
	Break	

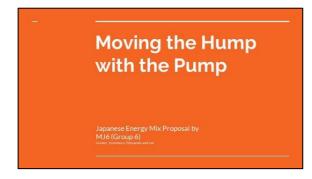
Closing Cerem	ony: Embassy	
16:00-16:05	Speech	Seinan Gakuin University Rep – Dr. Gary Barkley
16:05-16:10	Announcement of	Dr. Christian Winkler, Academic Lead
	Winners	
16:10-16:25	Presentation by the	Winning Team
	winning team	
16:25-16:40	Presentation of	Her Imperial Highness
	Awards	Counsellor
	Speeches	
	Meeting with HIH	
Reception: Em	bassy	
17:30-17:55	Welcome Speeches	Mr. Matt Fraser, Counsellor - Public Affairs
		ANDERSON, David, Managing Director, Alberta
		Japan Office
		Mr. HINO, Deputy Director, Global Education
		Center, Hosei University
		Dr. Aya Fujiwara, Director, PTJC
17:55	Presentation of	Award Presenters – Dr. Winkler
	Leadership Awards	Photo Sessions
18:00	A Toast	Seinan Gakuin University Rep – Dr. Gary Barkley
18:30	Photo Sessions	
19:00	Reception Ends	

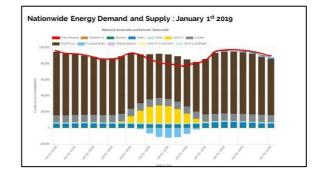
### **Student Presentations:**

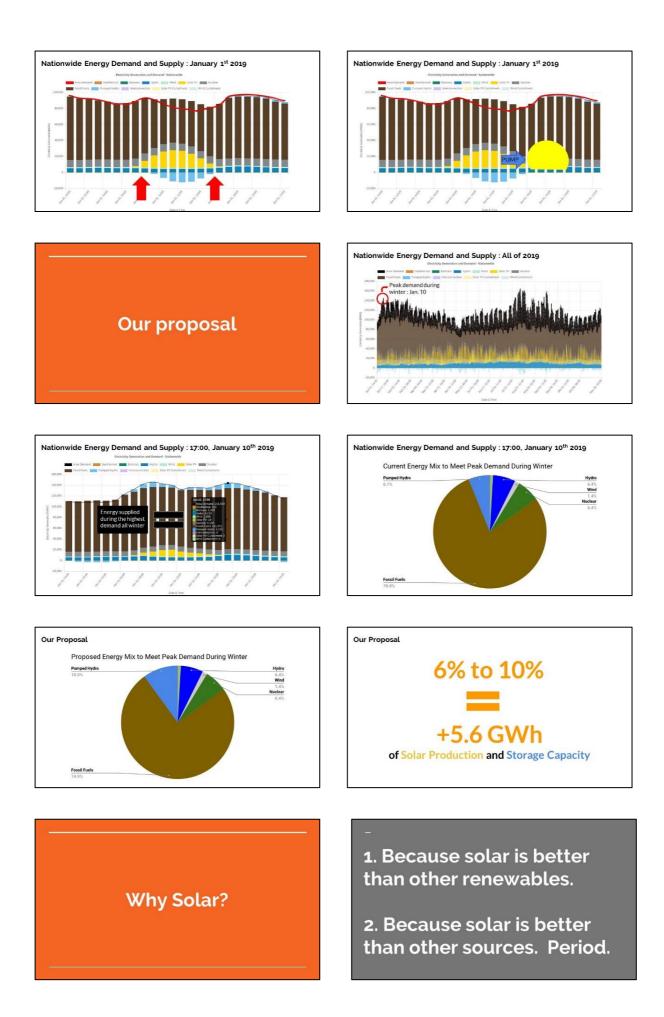
## MJ6 (Group 6)

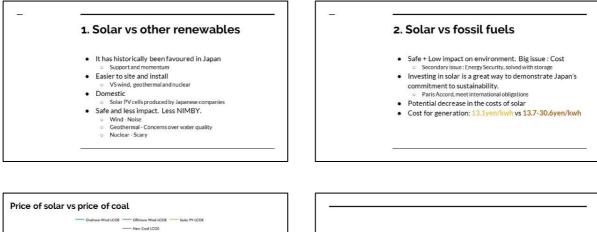
## "Moving the Hump with the Pump"

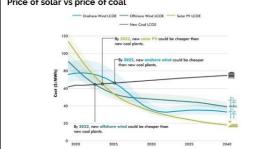
FERNANDO, Mideki | GOMEZ, Simple Marie | LEE, Justin | NISHIMURA, Marina















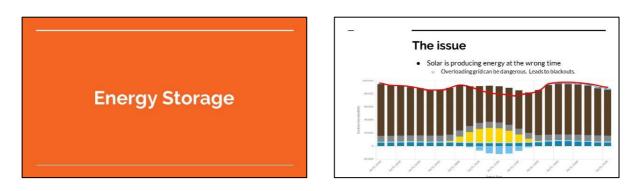
Cost estimate for proposed additional solar capacity

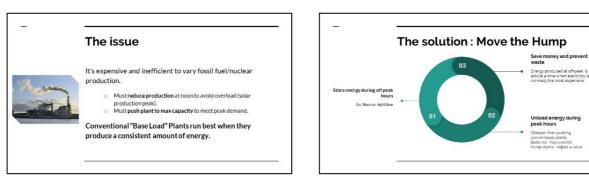
Cost of recent solar plant/Production capacity of plant (Setouchi "Kire? Solar Farm, in Okayama Prefecture)

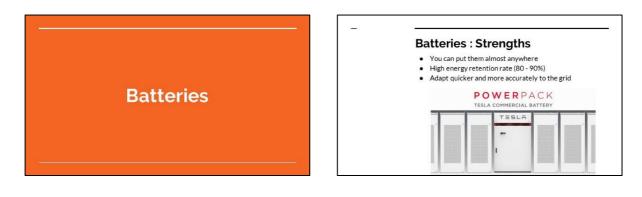
1 billion USD/1.645 GWh

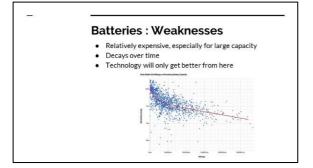
X 5.6 GWh

 $\approx$  3.4 billion USD (estimate of cost to set up proposed production capacity in Japan)





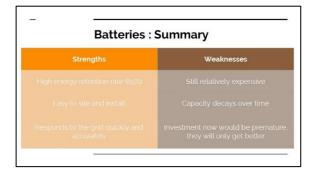


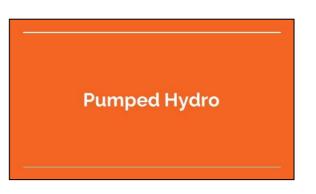


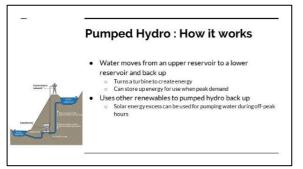


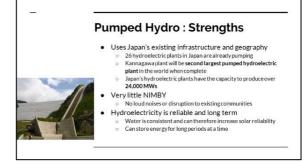
Batt	eries : Cost	
	Homsdale Batter Project (South Australia)	Japan's Current Coal Plants Under Construction
Cost		
Output capacity		
Cost/Output capacity		
Cost of proposal (+5.6 GWh)		

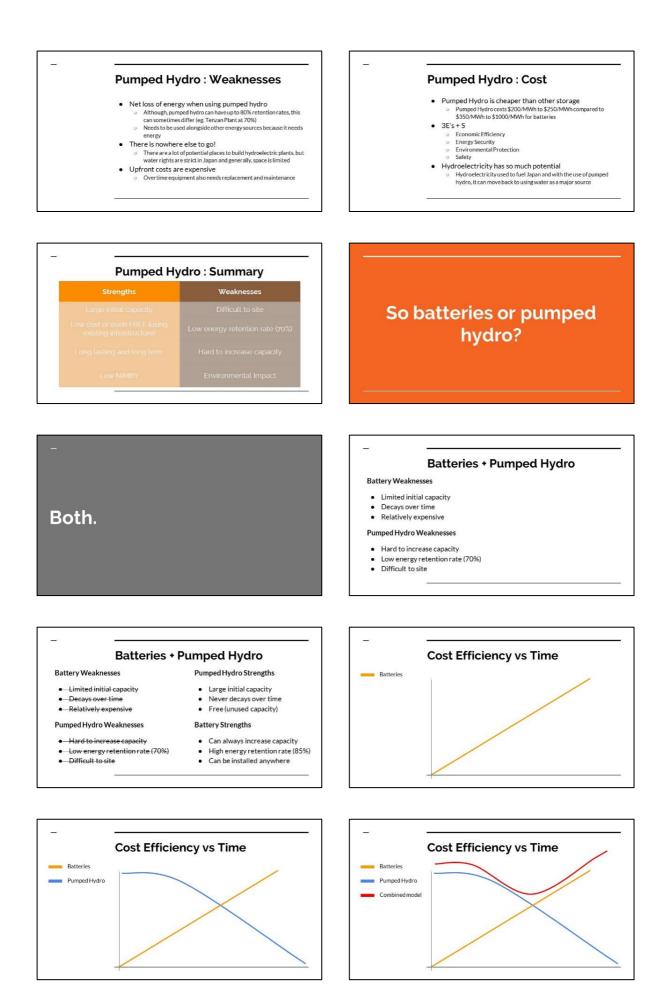
Batt	eries : Cost	
	Hornsdale Batter Project (South Australia)	Japan's Current Coal Plants Under Construction
Cost		
Output capacity		
Cost/Output capacity		
Cost of proposal (+5.6 GWh)		14.7 Billion USD

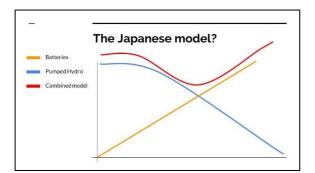


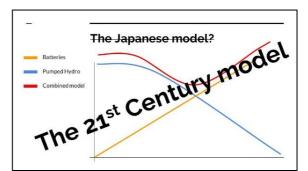


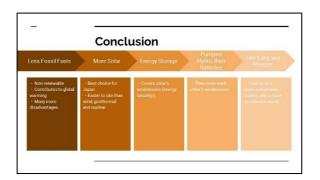








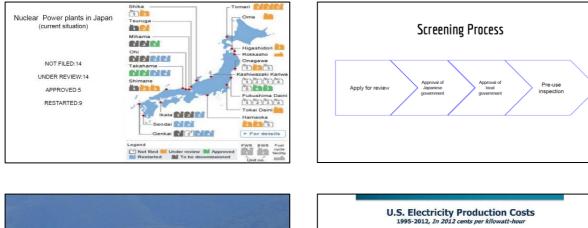




## suito~yo (Group 4)

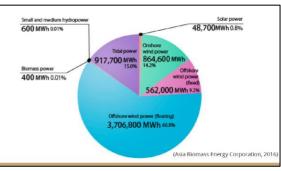
"Safety, Security and Stability: Japan's Future Energy Mix" BOLDUC, William | CLIFFORD, Sarah | FUJIU, Tatsuki | UEDA, Hiroko

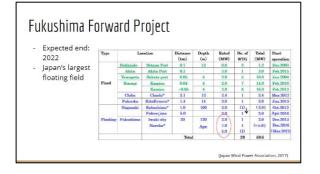










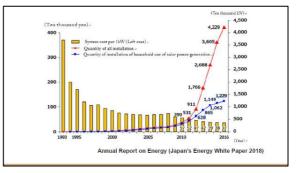




### Benefits of offshore wind energy

"[1]f windfarms were built across all useable sites which are no further than 60km off the coast, and where coastal waters are no deeper than 60 metres, they could generate 36,000 terawatt hours of renewable electricity a year. This would easily meet the current global demand for electricity of 23,000 terawatt hours."

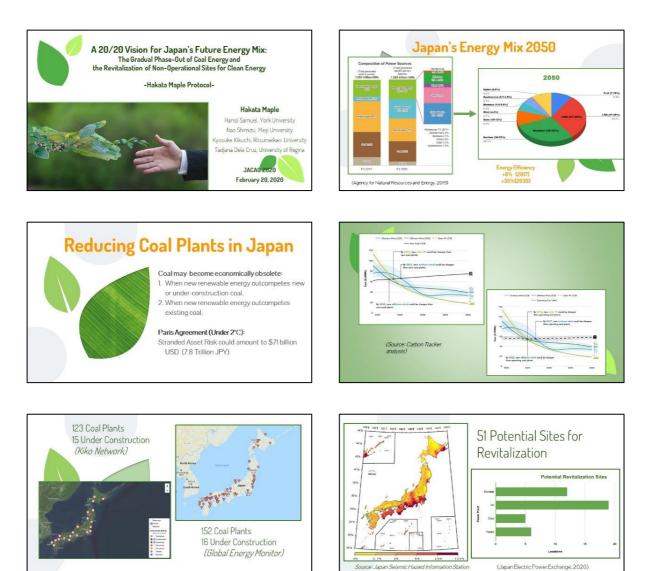
Ambrose, 2019



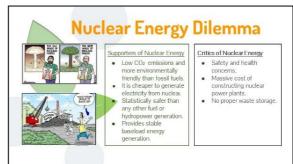
Solar power	× Thermal	power plant			Forcell Funds
Thermal power					80%
·Middle power supply- flexibly adjust the output by the power demand			the power demand		
<ul> <li>Environment frie</li> </ul>	Environment friendly				55%
=Thermal power as compensation					
(Comparison of each	n emissions) 🗸				30%
¥.	Coal	Oil	LNG	,	
CO2.	100.0	80.	60.		
Nitrogen oxide#	100.0	70.	40.0		Nuclear Energy 5%
Sulfur oxide -	100.0	70.0	0.0		Renewable Energy
Reference: IEA [Natu	ral Gas Prospects to 2	2010] +			2020 2035 2100

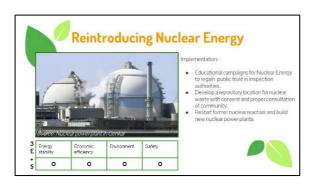
### Team Hakata Maple (Group 5)

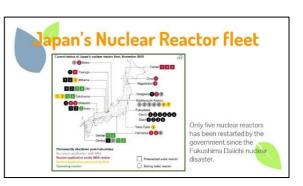
"A 20/20 Vision for Japan's Future Energy Mix: The Gradual Phase-Out of Coal Energy and the Revitalization of Non-Operational Sites for Clean Energy." DELA CRUZ, Tadjana | KIKUCHI, Kyosuke | SAMUEL Hanisi | SHIMIZU, Nao





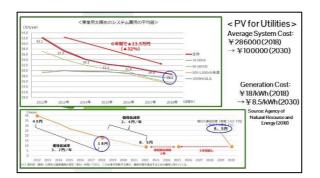




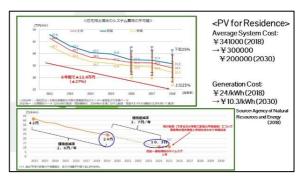




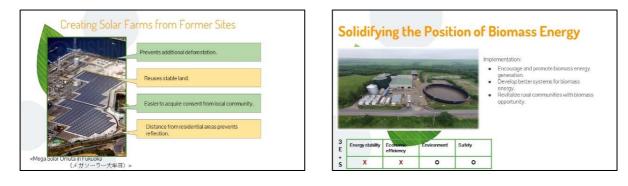


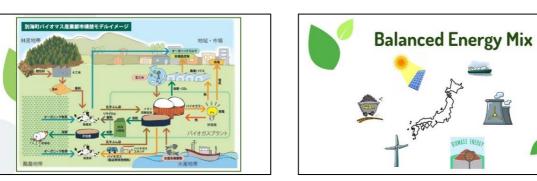
















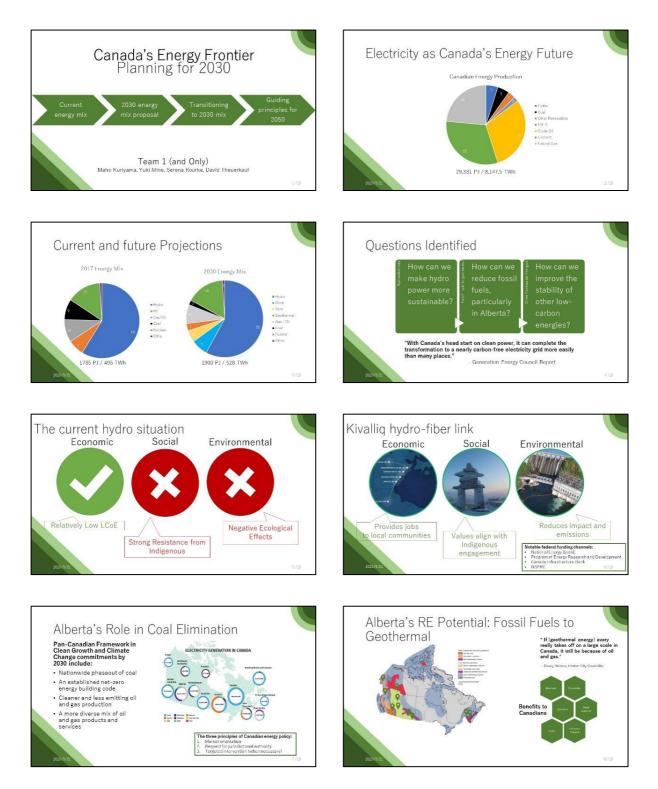
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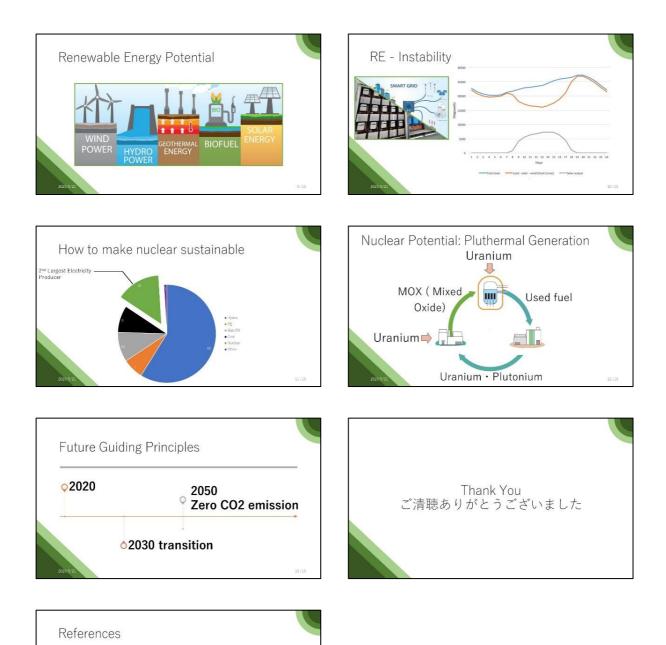
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## Team 1 and only (Group 1)

## "An Energy Plan and Solution for 2030" KURIYAMA, Maho | MINE, Yuki | ROURKE, Serena | THEUERKAUF, David





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### Forces of Nature, 9 to 5 (Group 3)

## "A Green Plan For A More Inclusive Canada" COURCHESNE, Sophie | ISHIGAMI, Chieka | KAWAUCHI, Mio | LI, Ruizhe





#### Introduction

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 Emissions

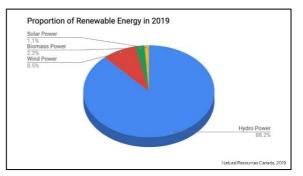
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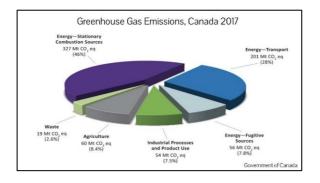
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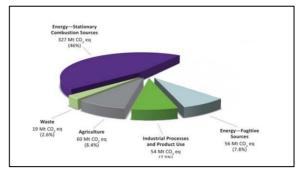




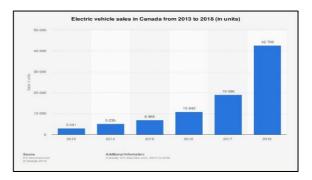


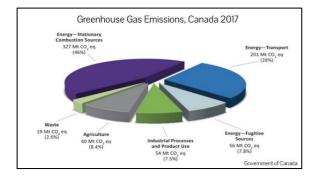






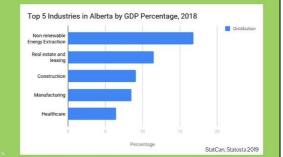


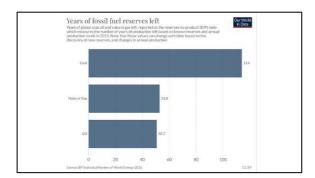








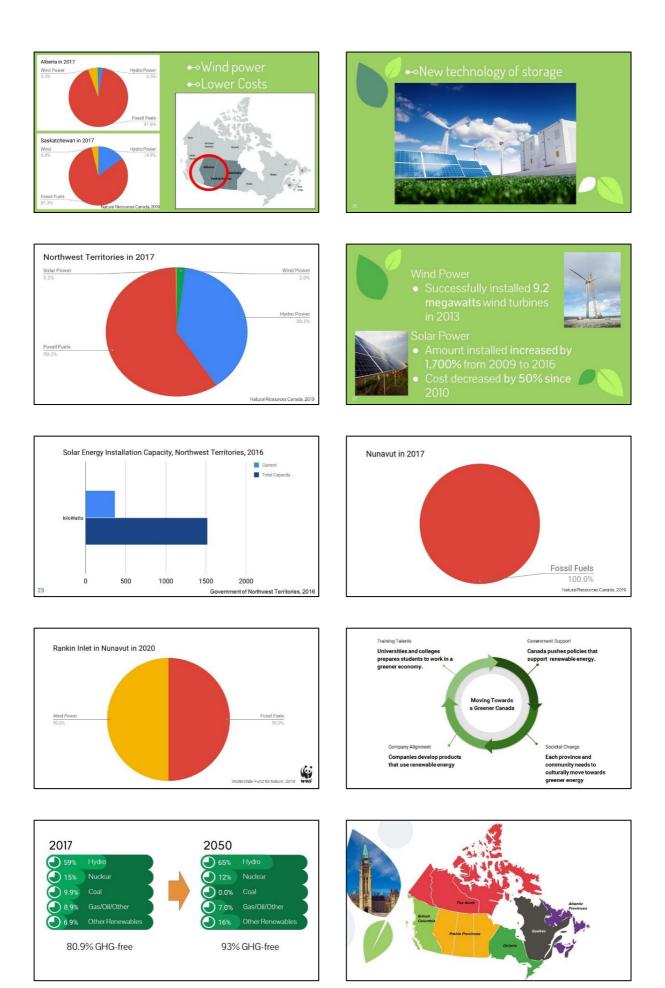








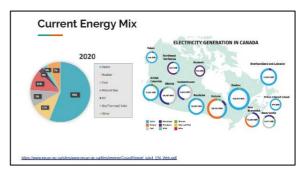


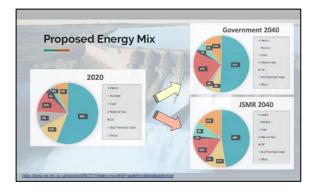


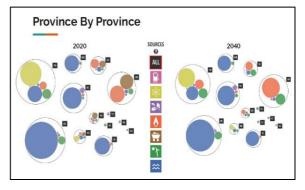
### JSMR (Group 2)

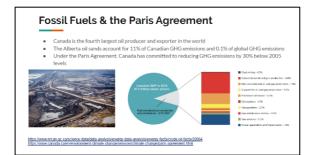
## "Towards a Sustainable 2040 Canadian Energy Mix" LI, Jessica | LOSIER-TREMBLAY, Simon | TAKAHASHI, Mona | TEMMA, Rena

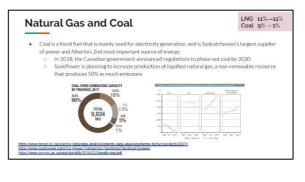






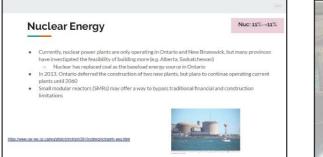
















## 2-6. Field Trip

Participants were supposed to visit Asakusa area, Tokyo to see a famous Kaminari-mon Gate, Nakamise shopping street and Senso-ji Temple in the morning. However, due to the rapidly growing concerns against the coronavirus situation, we canceled the field trip and advised students to go for sightseeing not with a large number of group but individually.

## 2-7. Final Report

At the end of the forum, participants wrote a final reflection addressing the following:

- 1. How has participation in the forum changed your motivation to study and/or provided you with new insights?
- 2. How was the experience throughout the program?
- 3. What was most impressive about this program?
- 4. How has this program influenced your career outlook?
- 5. Other comments

## **3. SURVEY ON THE FORUM**

## **3-1. Survey Overview**

An online survey was conducted by the organizing committee to get student evaluations on the forum and contribute to the improvement in the quality of future forums. The overview of the survey is as follows:

Title:	JACAC Student Forum 2020 Participants Survey
<b>Objective:</b>	To get student evaluations on the forum and improve the quality of the future
	forums.
<b>Respondents</b> :	20 (out of total of 24)
Period:	March 23 (Mon) – 27 (Fri), 2020

The survey was conducted through Google Forms, an online data collection tool.

## **3-2. Survey Results**

Survey results are summarized below, in tables for each question as appropriate.

Table 1: Student Ratings of Arrangements							
Responses	Outstanding	Above Average	Average	Below Average	Poor	N/A	Total Respondents
Pre-departure	10	6	3	0	1	0	20
Information	(50%)	(30%)	(15%)	(0%)	(5%)	(0%)	(100%)
Flight	12	5	2	1	0	0	20
Arrangements	(60%)	(25%)	(10%)	(5%)	(0%)	(0%)	(100%)
Accommodations	11	7	1	1	0	0	20
	(55%)	(35%)	(5%)	(5%)	(0%)	(0%)	(100%)
Forum Venues	14	4	2	0	0	0	20
	(70%)	(20%)	(10%)	(0%)	(0%)	(0%)	(100%)
Field Trip	9	8	3	0	0	0	20
	(45%)	(40%)	(15%)	(0%)	(0%)	(0%)	(100%)
Meals	3 (15%)	5 (25%)	8 (40%)	2 (10%)	0 (0%)	2 (10%)	20 (100%)

Q3: How do you rate the following arrangements made by the organizers:

Table 2: Student Ratings of Educational Activities							
Responses	Outstanding	Above Average	Average	Below Average	Poor	N/A	Total Respondents
Pre-departure Assignment and Discussions	5 (25%)	8 (40%)	6 (30%)	1 (5%)	0 (0%)	0 (0%)	20 (100%)
Lectures	8 (40%)	9 (45%)	3 (15%)	0 (0%)	0 (0%)	0 (0%)	20 (100%)
Panel	7	9	4	0	0	0	20
Discussions	(35%)	(45%)	(20%)	(0%)	(0%)	(0%)	(100%)
Group Presentations	16 (80%)	3 (15%)	1 (5%)	0 (0%)	0 (0%)	0 (0%)	20 (100%)
Closing Ceremony and Reception	15 (75%)	4 (20%)	1 (5%)	0 (0%)	0 (0%)	0 (0%)	20 (100%)
Interaction/Com munication with other students	14 (70%)	6 (30%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	20 (100%)
Saturday Orientation	9 (45%)	4 (20%)	7 (35%)	0 (0%)	0 (0%)	0 (0%)	20 (100%)

Q4: Please rate the following aspects of the JACAC Student Forum:

Q5: Please rate the difficulty of conducting the student presentations:

Table 3: Student Ratings of Presentation Difficulty							
Extremely Easy	Fairly Easy	Average	Fairly Difficult	Extremely Difficult			
1	2	6	10	1			
5%	10%	30%	50%	5%			

Q6: Please let us know what you liked most about the JACAC Student Forum:

- I felt that it was very well organized and I greatly appreciated that. In comparison to last year's forum this was much less stressful and easier to participate in. So thank you. I really enjoyed the field trip though this was my favourite part of the whole experience.
- Making new friends!
- The project itself (presentation)
- Getting to know Japanese students in an intimate way.
- Meeting all the other students
- Interactions and discussions between both between Canada-Japan, but also between Canadian students. This year's theme was very broad, so discussions could last for a very long time.
- Both of Mr. Winkler's sessions are wonderful even though the contents are based on basic information. I didn't get bored at that time. I talked to him by Japanese by asking the questions. Next time I promise you to ask by English or Germany.
- Final presentation at Canada embassy
- The fact that we had time to get to know other students apart from our group and had time to explore around the neighborhood.
- Field trip
- I liked group work the most. I liked that we can choose the place for our group work.

- Creating wonderful memories with my group members and fellow students.
- Everything but doing group work with wonderful students.
- Creating presentation with group members for one week
- I really like the topic this year. Many discussions were held so it was great to hear other people's thoughts.
- The work environment and the desire to learn.
- The organization of the program was seamless and allowed us to focus on the wonderful interactions with our peers.
- I could communicate with a lot of students, not only Japanese students, but also with the Canadian students. This was very exciting for me, and I gained a lot of important things through this interaction.

Q7: Please let us know what you liked least about the JACAC Student Forum:

- n/a. It was well run.
- Nothing really that I didn't like.
- The time constraints
- Going to Lawson for lunch every day.
- Having to say goodbye
- I think the forum was flawless overall. Maybe the orientation was done to quickly since I was extremely tired of the planes and the lack of sleep, so I was concentrated enough to hear everything.
- The problem is that there are only few times to discuss the action plan with Canadian students.
- Accommodation in Tokyo
- There were a few times to ask questions to professors.
- Nothing.
- I would say if the lecture materials were shared before the forum, it would help especially Japanese students to understand the contents. It was actually tough to comprehend every each of lecture. Also, we had lecture on the bus, but we rarely hear the lecture's voice and couldn't understand.
- Coronavirus
- It was a little short.
- Some students were not prepared on the issue which made group work difficult.
- Food during orientation could have been more substantial considering we had only just arrived so we didn't have time to get anything else. Other than that, everything was great!
- The second hotel(hostel) was very small for me.

Q8: If you have any suggestions on how the JACAC Student Forum can be improved in the future, or how the JACAC network can be expanded/strengthened, please let us know below:

- I think it is great to continue encouraging alumni participation because it shows the current participants how much this experience can help them grow.
- Introduce students to each other.

- Make it longer
- Do some activities with the students (those not participating in the forum officially) of the university of the forum. It could diversify the activities, as well as make publicity and let people know about the forum.
- Please make more meeting time for us.
- I think the reception was a very good opportunity to connect participants of that year and alumni of the forum. I hope JACAC have the reception every year.
- The information about the scholarship could be better explained. I thought the 80,000 yen was for a deposit that would be reimbursed as a scholarship through our university, not that we would receive the money in person. I exchanged spending money for the trip before receiving a clarification email about the scholarship.
- *My friends at Meiji University didn't know about JACAC, thus, it might be better to inform this at each University by having presentation.*
- Showing the criteria more clearly
- More interactive lectures? But truly it was an amazing experience as is.
- Double room was OK, but I wanted the place which has more comfortable personal space.

Q9: What would you like to see covered as a potential forum theme in future years:

- Global health as securitized. The politics of pandemics.
- The Olympics!
- Bridging the inequality gap (rich and poor)
- World Trade
- How to best utilize AI (most economic growth, least job loss)
- International law problems (such as international penal courts, etc), environment issues, native/indigenous issues, energy issues (being more precise, as this year's theme was very broad).
- Corona Virus-How the world should respond when faced with major problems?
   Digital Society How can we survive the digital society?
   MOOC How can we design new education for new generation?
- *About education system (cooperation)*
- Topics related to mental health this is something very common in the world but is not been discussed very openly.
- Micro plastic issue
- related to Sustainable Development Goals
- How can we make the better working condition or environment? Poverty (?)
- Immigration policy
- Something related to the pandemic that is currently happening now.
- The media industry, inequalities, african development, education affordability
- Migration? ASEAN relations?

- The relationships between Japan and Canada (How to keep, maintain the better relationships between these two countries for the future)
- Q10: Do you want to Participate in JACAC programs (Student Forum/Exchange programs):
- Q11: For Japanese students, did your interest in Canada increase? For Canadian students, did your interest in Japan increase?
- Q12: do you want to pursue a graduate degree?

Table 4: JACAC Forum Impact on Students							
	Q10		Q	11	Q12		
	Ν	%	Ν	%	Ν	%	
Yes	20	100%	19	95%	17	85%	
No	0	0%	1	5%	3	15%	

Q13: Please include any additional comments:

- I think that this definitely helped me open doors to different kinds of education and understanding the world. Thank you again! Arigato gozaimashita!
- The staff, participants and lectures were all memorable and I deeply appreciated the experience. If I could, I would participate again without hesitation. The amount of efforts put into this project was immense and I hope it goes a long way.
- Thank you so much for wonderful time.
- Thank you for the wonderful experience and all your hard work! The organization and the lectures were superb.
- It was amazing to participate in this forum. I really enjoyed discussing with Canadian students and had a lot of fun being with them for that long time. Thank you very much for organizing this forum. I'll definitely apply this again though I'm not sure if I am qualified.
- *My experience has made think of pursuing an international career in Asia. I have even looked into universities in Japan and other parts of Asia where I can pursue a graduate degree.*
- Thank you for organizing this amazing experience.
- This experience gave me many important things for the future life. I want to keep this precious experience.

## **3-3. Survey Summary**

The 11<sup>th</sup> Annual JACAC Student Forum had an overwhelmingly positive impact on the student participants, with 100% of the students expressing interest in further participation in JACAC programs, and 95% of the students gaining interest in Japan and Canada (Table 4). Written responses for question

6 (what you liked most), 7 (what you liked least), and 8 (Areas for improvement) can be categorized in tables 5 through 7. Suggestions by the respondents for future forum themes were not categorized as most were unique suggestions.

The academic aspects of the forum were well received, with the majority of responses for every aspect being at least "above average" (Table 2). It seems there are not any remarkable factors that caused dissatisfaction (Table 7). However, as with the previous forums, the respondents found the final presentation to be difficult (Table 3).

The most frequent suggestion was to incorporate more interaction with other students/alumni (Table 7). Nevertheless, the majority of respondents appreciated the forum environment which allowed interaction with other students coming from diverse backgrounds (Table 5). However, this has been consistent with previous JACAC forums, and as the previous forum reports have noted, satisfaction with interaction with other students is common in global events and is thus not unique to the JACAC forum, leaving room for improvements to be made for future programs.

Table 5: Student Satisfaction Summary (Q6)					
What you liked most:	Ν	%			
Discussion/Interaction with other students	8	40%			
Group Work	2	10%			
Presentations	3	15%			
Lectures	1	5%			
Field Trip	2	10%			
Торіс	1	5%			
Other	1	5%			
No answer	2	10%			

Table 6: Student Dissatisfaction Summary (Q7)					
What you liked least:	N	%			
Group Work	2	10%			
Timeline/scheduling	2	10%			
Lectures	2	10%			
Meal	2	10%			
Accommodation	2	10%			
Orientation	1	5%			
Coronavirus	1	5%			
Nothing	4	20%			
No answer	4	20%			

Table 7: Suggestions for Future Forums (Q8)					
Suggestions:	Ν	%			
Interaction with other students/alumni	4	20%			
Timeline/scheduling	2	10%			
Interactive lectures	1	5%			
More clear criteria	1	5%			
Pre-Information (Scholarship)	1	5%			
Accommodation	1	5%			
Advertising	1	5%			
No answer	9	45%			

## PHOTOGRAPHS





Lectures



Group Work



Field Trip













Presentations



Participants of the 11<sup>th</sup> Annual JACAC Student Forum with Her Imperial Highness Princess Takamado

## ACKNOWLEDGEMENTS

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Prince Takamado Japan Canada Memorial Fund Embassy of Canada in Tokyo The Government of Alberta, Canada – Japan Office Seinan Gakuin University Hosei University University of Alberta Canadian & Japanese Consortium Member Universities