

#YouthPledge in Regards to the Paris Agreement

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1. Introduction

What is SCoPA (Students Congress on the Paris Agreement)?

- ▶ First International Conference on global scale in regards to the climate change by high school student from 2019 to 2030
- ▶ Regarding mitigation and adaptation strategies for climate change, investigate the progress of local governments, national governments, experts, private companies, and so on
- ▶ Based on the survey of each country, hold international conferences and submit it with Youth Pledge to UNEP

Three elements in our research

- 1) "How aware are people of the status quo and environmental problems?"
- 2) "How can we make a sustainable city through the urban master plan?"
- 3) "What actions can younger generations take?"

It is essential for younger generations to take the initiative in order to meet the 2030 goal set in the Paris Agreement.

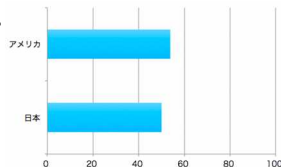
2. Methods and Results

We surveyed local people's awareness of the Paris Agreement and used a result to research the extent of awareness in both Japan and the United States and then compared the results of the two countries.

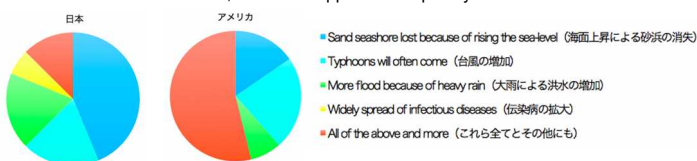
① How many countries have signed the Paris Agreement? ?

Choose A)53 B)86 C)138 D)196
(% of answered correctly)

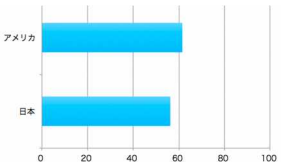
Japan n=250 US n=13



② If the emission of CO2 don't reduce, what will happen consequently?



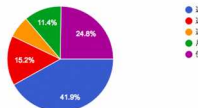
③ If it continues to rise, how high will the temperature be in 2050? Choose A)0.6°C B)1.3°C C)2.6°C D)5.8°C
(% of answered correctly)



In order to help build the type of society envisioned in the Paris Agreement, we studied the urban master plan in Tottori and explored the coexistence between motor vehicles and bicycles in the city center area.

④ 自転車の利用頻度はどのくらいですか

105件の回答



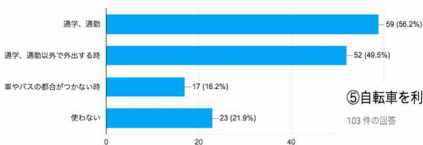
⑤ ④で自転車と答えた人は回答してください。どのような利点があれば自転車を利用したいと思いますか。(複数選択可)

88件の回答



⑥ 自転車はどのような時に利用しますか(複数選択可)

105件の回答



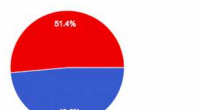
⑦ 自転車を利用する際、不便だと思うことは何ですか。(複数選択可)

103件の回答



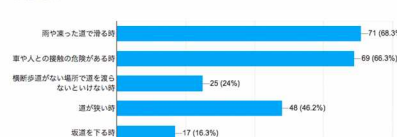
⑧ 自転車と自動車、どちらを利用する事が多いですか

105件の回答



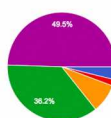
⑨ 自転車を利用する際、危険だと思う時はどんな時ですか。(複数選択可)

104件の回答



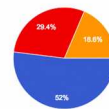
⑦ バスの利用頻度はどれくらいですか。

105件の回答



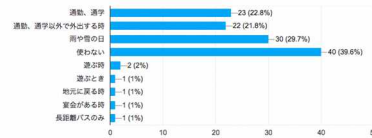
⑨ くる製では行かない範囲(鳥取北イオンモールや布勢など)へ行くバスが一律200円の場合、利用しますか。*

102件の回答



⑩ バスはどのような時に利用しますか。(複数選択可)

101件の回答



⑩ 自分が、バスや自転車を利用する事で、環境に良い影響を与えていると思いますか。

105件の回答

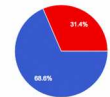


図9 自転車とバスに関する意識調査の結果



We have prompted the creation of a student declaration known as the "Youth Pledge." This pledge includes the resolution of students, which can be put into action immediately and which enables SCoPA actions to be continued and strengthened through students' participation.

Youth Pledge

- 1, Use bicycle or public services to commute to school instead of coming by cars with parents.
- 2, Divide trash to recycle and find a way to reuse as much as possible so as to preserve natural resources.
- 3, Save electricity with the best effort. Finding out chances that can reduce the usage and never miss them.
- 4, Reduce the amount of hot water, because heating water require a lot of energy that emit CO2 through producing procedure.
- 5, Be aware of surroundings including climate change and learn more about environmental issues initiatively.
- 6, Be engaged in this topic, and excited to contribute to make the better environment.
- 7, Propose the ideal town, for example, low-carbon society, to local government. This should be the final stage of the SCoPA.

3. Conclusion

- ▶ By comparing Japan and the United States, we realized that every country has a significant responsibility to keep working and make further efforts in order to not only reach the goals set in the Paris Agreement but also make a sustainable world.
- ▶ They do not have the luxury of waiting until they graduate from their educational fields and enter society; it is crucial for them to start immediately, as students. At this time, their actions should take place at the local level.
- ▶ Our research concerns environmental issues on a global scale, but we should start to make changes in small ways and gradually expand our focus to the international society.
- ▶ One thing that this research has accomplished is specifying the steps necessary for making ideal conditions (considering global-scale goals) feasible, through student declaration.

References

- Ministry of the Environment http://www.env.go.jp/earth/ondanka/cop21_paris/paris_conv-a.pdf
- United Nations Framework Convention on Climate Change <https://unfccc.int/>
- <https://unfccc.int/climate-action/> <http://climateaction.unfccc.int/>
- Hiroshima Local Meteorological Office(2103):中国地方の気候変動 (2013年版)