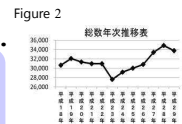
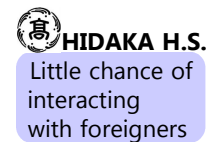
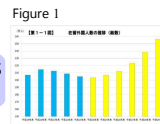
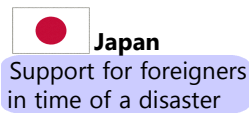
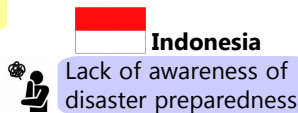


Title	HIDAKARD --Simulating Evacuation Center Management with Foreigners--		
Key words	local disaster prevention, Hinanzyo Unei Game(HUG), multicultural coexistence	School	2808 Wakayama Prefectural Hidaka High School

1. Introduction

Local Disaster Prevention "Improving Disaster Awareness" & "Multicultural Coexistence"

Background



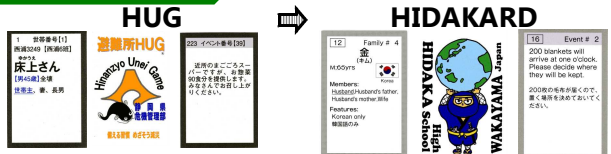
Hypothesis

HUG × Support for Foreigners in Time of a Disaster × Japanese in the Countryside
Multicultural Coexistence

Figure 1: The Number of Foreign Residents (Justice Ministry) - -References 3)

Figure 2: The Number of Foreign Tourists to Wakayama (Wakayama Prefecture)--References 2)

2. Methods



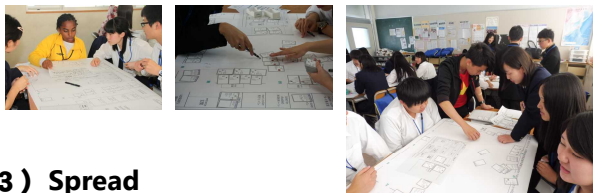
1) Development

- Point 1 : English & Japanese
- Point 2 : More Foreigners
- Point 3 : Diversity of Religion & Gender



2) Simulation & Analysis

Research Date and Time : Oct. 29th, 2018 (75min.)
Research Object : 303 people from 8 countries
Research Method : Questionnaire



3) Spread

3. Results

	Group A	Group B	Group C
Members			
Guests	202	17	4
Groups	65	12	3
	44	4	1
Tools used	HIDAKARD	HUG	HIDAKARD
Languages used	English	Japanese	Japanese
1 Help studying disaster prevention	49%	62%	100%
2 Feel the necessity of improving English communication skills	58%		
3 Cooperate with others	85%	71%	100%

4. Analysis

- (1) HIDAKARD is **effective**.
- (2) Careful **explanation of the rules** is necessary.

5. Conclusion

Findings from the research:

- (1) **HIDAKARD** can provide us an opportunity to think of **shelter management**.
- (2) **HIDAKARD** makes us realize the necessity to improve our **English communication skills**.
- (3) **HIDAKARD** is useful for introducing to foreigners **disaster prevention education** in Japan.



HIDAKARD can be expected to be utilized abroad next year to offer a tool to other countries to help improve disaster prevention awareness among local residents.

Acknowledgement

- Madania Secondary School in Jakarta, Indonesia
- Ryubunsha Printing Office in Gobo-city, Wakayama
- Participants in High School Students Summit on "World Tsunami Awareness Day" 2018 in Wakayama
- Students, Teachers, All members of Hidaka High School

References

- 1) "Hinanzyo Unei Game (HUG)" Shizuoka Prefecture
- 2) "Tourist Dynamic Statistics Report (2009-2017)" Wakayama Prefecture
- 3) "The Number of Foreign Residents at the end of the fiscal year of 2017 (definite value)" March 27th, 2018, Justice Ministry's Immigration Bureau
- 4) "The System of Information Coordinators for Foreigner Support in a Time of Disasters" March, 2018, Ministry of Internal Affairs and Communications