

“Development of a Framework
for the Local Implementation of the SDGs”

Localizing the Sustainable Development Goals: The case of community in Toyooka, Hyogo Prefecture, Japan

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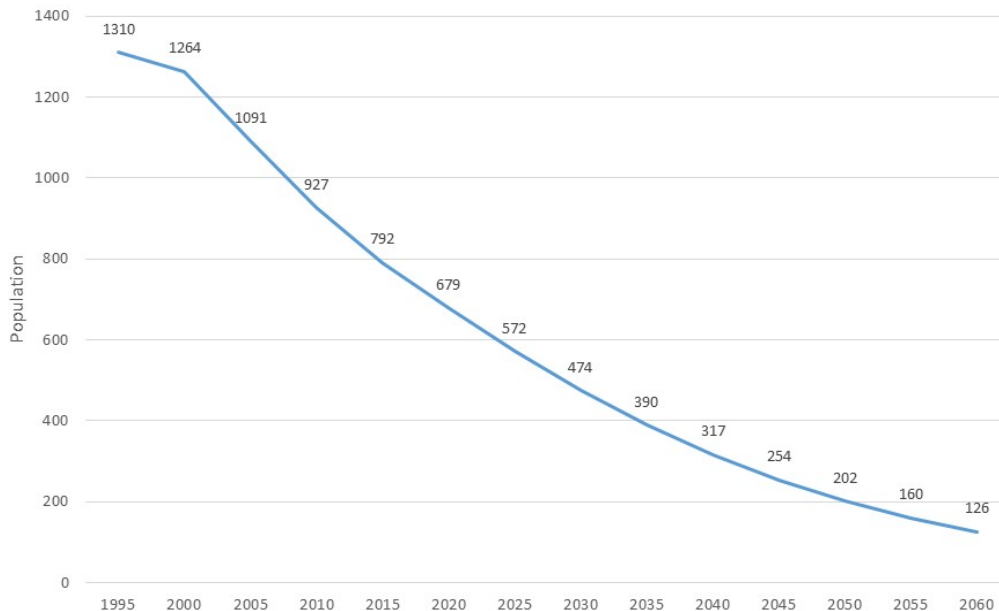
Keio University

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Introduction and background

- Case location: Takahashi district in Toyooka city
- District will have the greatest population decline within the city
- Population Shrinking Area



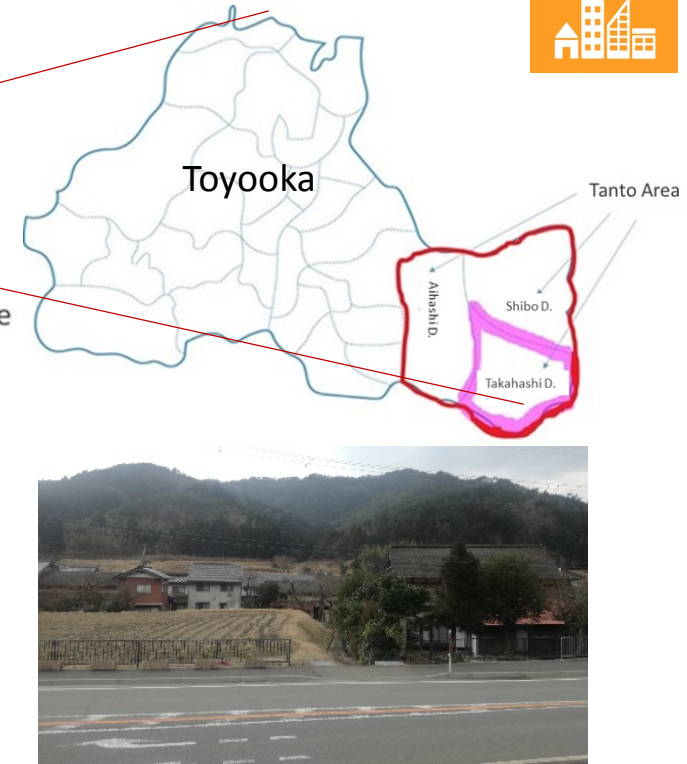
800 (2015)

↓

120 (2060)

Figure: Population forecast for Takahashi district

Issues



● A lack of adequate management in forests

- Damage from wildlife (e.g., bears)
- A numbers decline in both forestry and agricultural workers
→ concerns about future labor force availability.

● No entertainment facility such as a mall or movie theater; no noticeable tourist sites

Contents of a curriculum



- Developed a higher-education curriculum on SDG implementation
- Keio University conducted as a part of curriculum of the university's course "Sustainable System Science"

STEP	Contents and flow of the curriculum	location	schedule
1	Participate in a class and symposium on SDGs, and learn about the concept of SDGs	University	Feb. 2018
2	Learn about the current conditions of the targeted regions from public officials	University	Feb. 2018
3	Decide on interview topics	University	Feb. 2018
4	Conduct interviews (with parents, high school students, and middle school students)	Toyooka	Mar. 2018
5	Conduct a workshop	Toyooka	Mar. 2018
6	Analyze the relevant SDG targets from the perspective of an integrated approach, using the content of the interview and WS	University	Mar. 2018
7	Decide on actions towards 2030 goals with local residents	Toyooka	July 2018
8	Implement the actions	Toyooka	Dec. 2018
9	Continue to implement the action	Toyooka	2019 and onward

Participatory workshop



Discussion on:

- (1) The image of an ideal town in 2030
- (2) Challenges to realize an ideal town
- (3) Actions to resolve the challenges

Interviews



Collect info on the current status:

- 24 parents with students in junior high school or younger
- 53 junior high school students

Applied SDGs characteristics: back-casting approach

1. Establish targets based on a mental image of the ideal town in 2030.
2. Select issues under the present conditions while back-casting from what is desired in the future to the present conditions.
3. Take action to resolve the issues.

Workshop with local residents



- To decide on targets for 2030 and actions toward them

Target

- increasing the population of Takahashi to 1,000 people
 - **Increase visitors**
 - **Increase “U-turn” ratio**

Action

- teaching good things about Takahashi, focusing mainly on middle school students,
- Middle school students can think about one’s personal way of living and connections with the local area

Beginning of the action:

- Keio University, Toyooka City, and Tanto Middle School will collaborate and take action jointly
- Keio University students had been also involved:

Assist middle school students to analyze their local products and sightseeing spots technically from the SDG perspectives

Conclusion



Our project

- ✓ Organize a workshop with local residents based on the back-casting approach
- ✓ Develop a higher-education curriculum for university students to learn ways to use the SDGs in an area facing depopulation

Action plan

- ✓ Keio University and Tanto Middle School would collaborate in a project to enable students to learn about the district through the lens of the SDGs over the course of their 3 years in middle school

Lessons learned

- ✓ Back-casting approach: difficult to imagine a scenario for 2030 for local residents who live day-to-day in a depopulating region
- ✓ Assessing progress made: could not develop indicators to assess the understanding of the SDGs