



Title	Thinking of Better Lifestyle in SnowyArea : a proposal for the establishment of Wide-Area voluntary program of snow removal activity for support heavy snowfall communities.
Author(s)	Konish, Nobuyoshi
Citation	第4回北海道大学サステナビリティ学生研究ポスターコンテスト (The 4th Hokkaido University Sustainability Research Poster Contest). 2012年10月13日-21日. 北海道大学学術交流会館, 札幌市.
Issue Date	2012-10-13
Doc URL	http://hdl.handle.net/2115/50364
Type	conference presentation
File Information	poster1-8.pdf

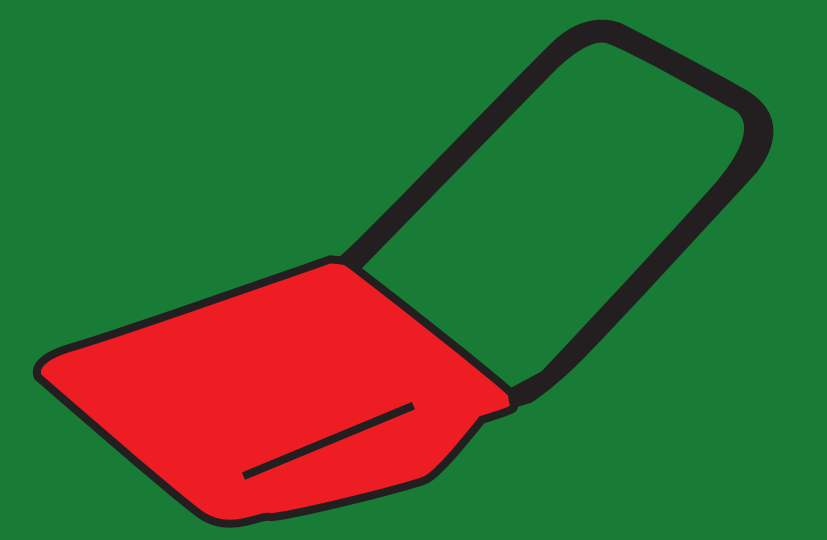


[Instructions for use](#)



Thinking of Better Lifestyle in Snowy Area : a proposal for the establishment of Wide-Area voluntary program of snow removal activity for support heavy snowfall communities

Nobuyoshi Konishi (Graduate school of letters) nobnobnob1026@let.hokudai.ac.jp



Introduction

Background

Nature
Decline of strength
Risks of snow removal



Society
Aging /
Depopulating
Lack of hands

In Hokkaido, in particularly aging and depopulating areas, many elderly people are forced to engage in dangerous snow removal tasks.

How they tackle this problem?
What is the solution for this problem?

Purpose

To describe how they can overcome snow damage, and indicate what psychological mechanism -reciprocity- is relating to these behaviors.

The key anthropological word - Reciprocity

Relationships between individual and others, which rule Gift-Giving (Itoh : 1995)

Method

The intensive participant-observation

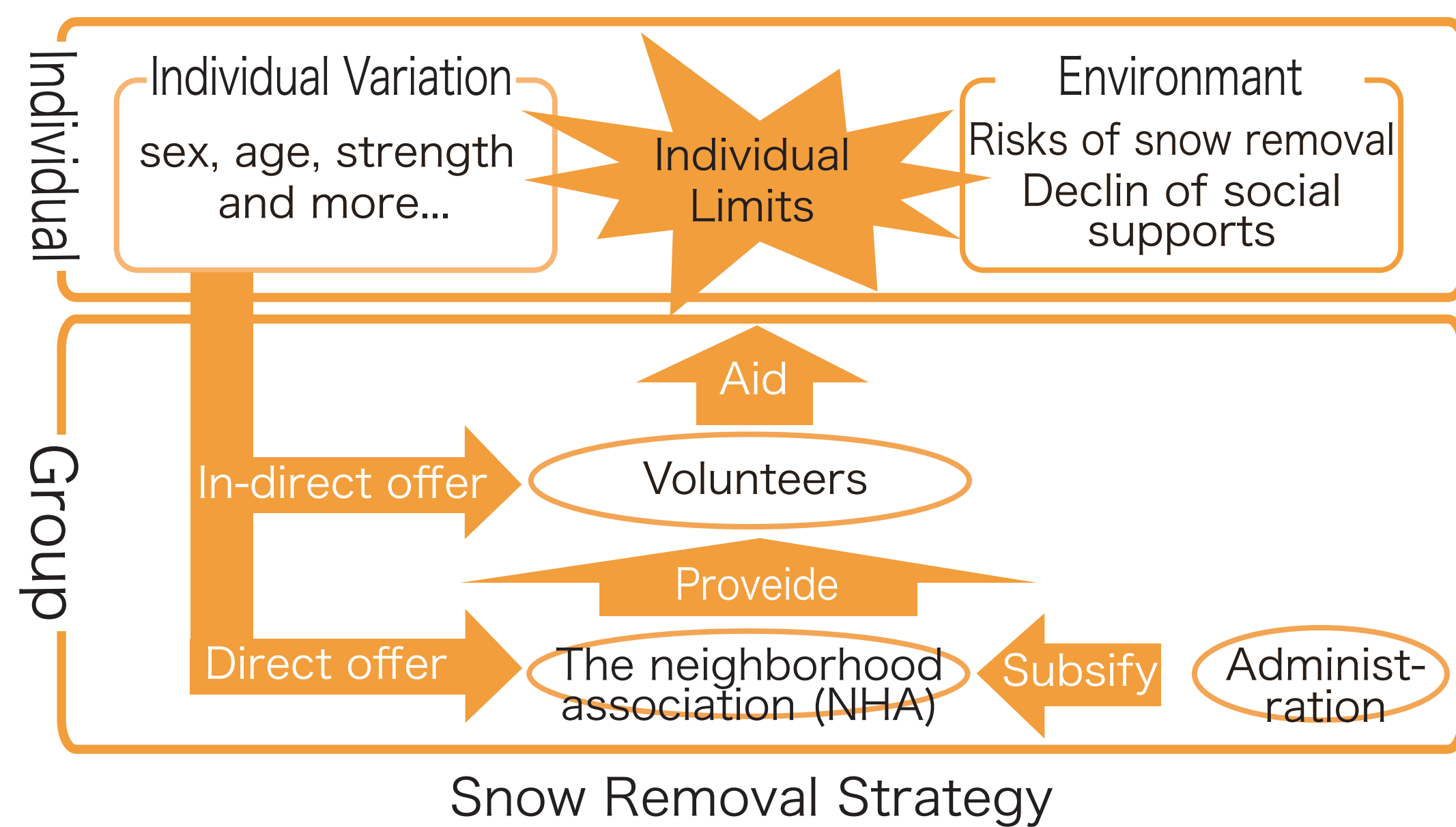
The observer accompanied the subjects and observed their snow removal and their usage of time, space and tool (s) etc. in Miruto area in Iwamizawa city.

Subjects (5 of 18 activities)

	Subject	Age / Sex	Time	Space	Tool (s)
	Mrs. K	88 / 84 female	11:30-12:00 Jan. 11.	over / under roof	snow cutter snow brower
	Mr. and Mrs. K	79 male / female	7:30-8:00 Jan. 12.	over / under roof the garbage place	shovel snow browe
	Mr. T.H	78 female	15:10-16:00 Feb. 6.	the surroundings around the dwelling roof	none (stepping on snow)
	Mr. Y.H	74 female	11:00-11:30 Feb. 6.	under the windows or under the roof	shovel
	Mr. I.S	75 female	7:00-10:00 Feb. 8.	5 neighbor's under roof the garbage place	snow brower

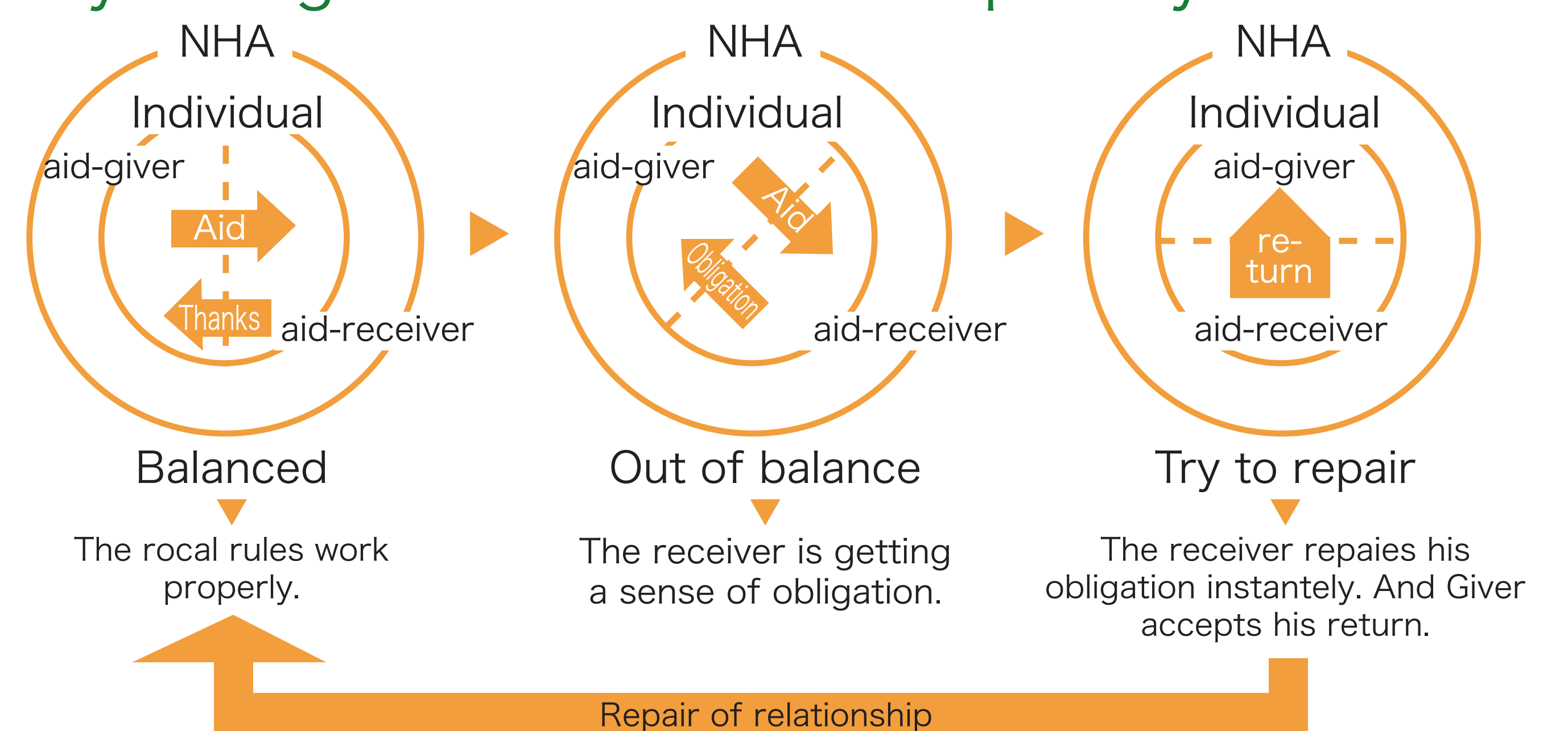
Results & Conclusion

Snow Removal Strategy (SRS)



Individuals do snow removal as possible as they can. On the other hand, to cover Individual Limits, NHA makes rules and coordinates the volunteer-activities in order to work them smoothly.

Psychological mechanism -reciprocity



Based on reciprocity (to think that we should return for other's aid), their Gift-Giving on snow removal as SRS had carried out in this area. As a result, they can overcome snow damage.

A Proposal for the Establishment of Wide-Area Voluntary Program

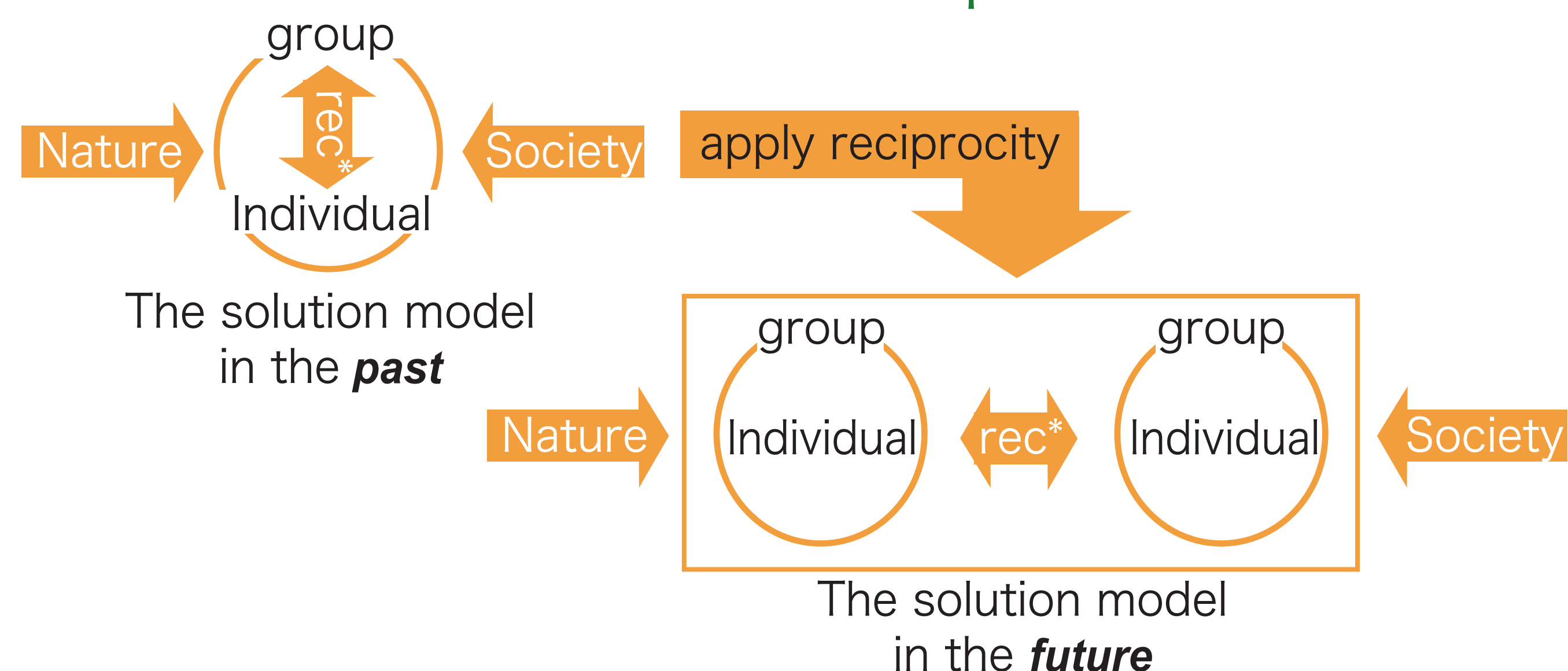
A decline of the SRS in 2012 winter



Because of tons of snow, it was difficult to work SRS in this area!



What shall we do to solve this problem?



Wide-Area Voluntary Program (WAVP)



<p>The volunteers from urban supporting snow removal learning elderly's wisdom accomplishment</p>	<p>reciprocity</p>	<p>The elderly in rural to cooperate / receive younger's activities telling their own life gratitude</p>
---	--------------------	--

I think that the reciprocal relationship makes the WAVP sustainable system to overcome differences of generation and geological disadvantage.