

GIAHS Learning Materials for Elementary School Children in Noto

能登の小学生に向けたGIAHS学習教材

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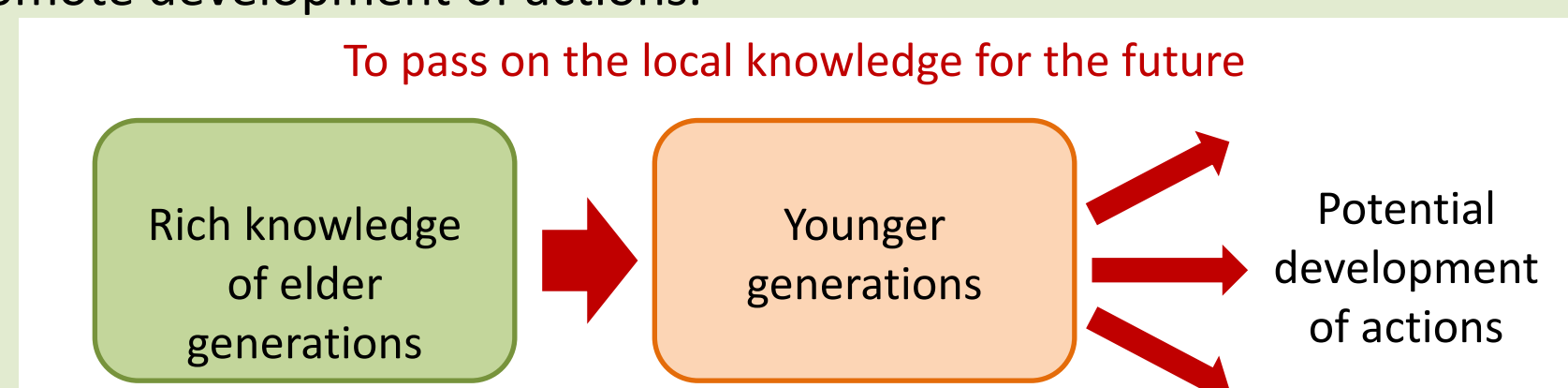


Objectives (目的)

In Noto GIAHS ("Noto's Satoyama and Satoumi"):

- **Elder generations** hold **wide and deep knowledge of utilizing its agricultural systems**, such as rice paddies, vegetable gardens, forests (**Satoyama**), and the sea (**Satoumi**), to produce rich variety of food. Such knowledge is often strongly related to its local culture and tradition.
- However, **younger generations** are gradually **losing opportunities** to get in contact with agriculture and nature to experience and learn such knowledge.

For this reason, Noto Regional Association for GIAHS Promotion and Cooperation & UNU-IAS OUIK started this project to develop learning materials for school children in Noto to pass on such knowledge and promote development of actions.



能登GIAHS推進協議会と国連大学OUIKがプロジェクト開始: 祖父母世代の農業や里山里海に関する豊かな知識を若者世代へ継承し、様々な活動の発展を促進するため。

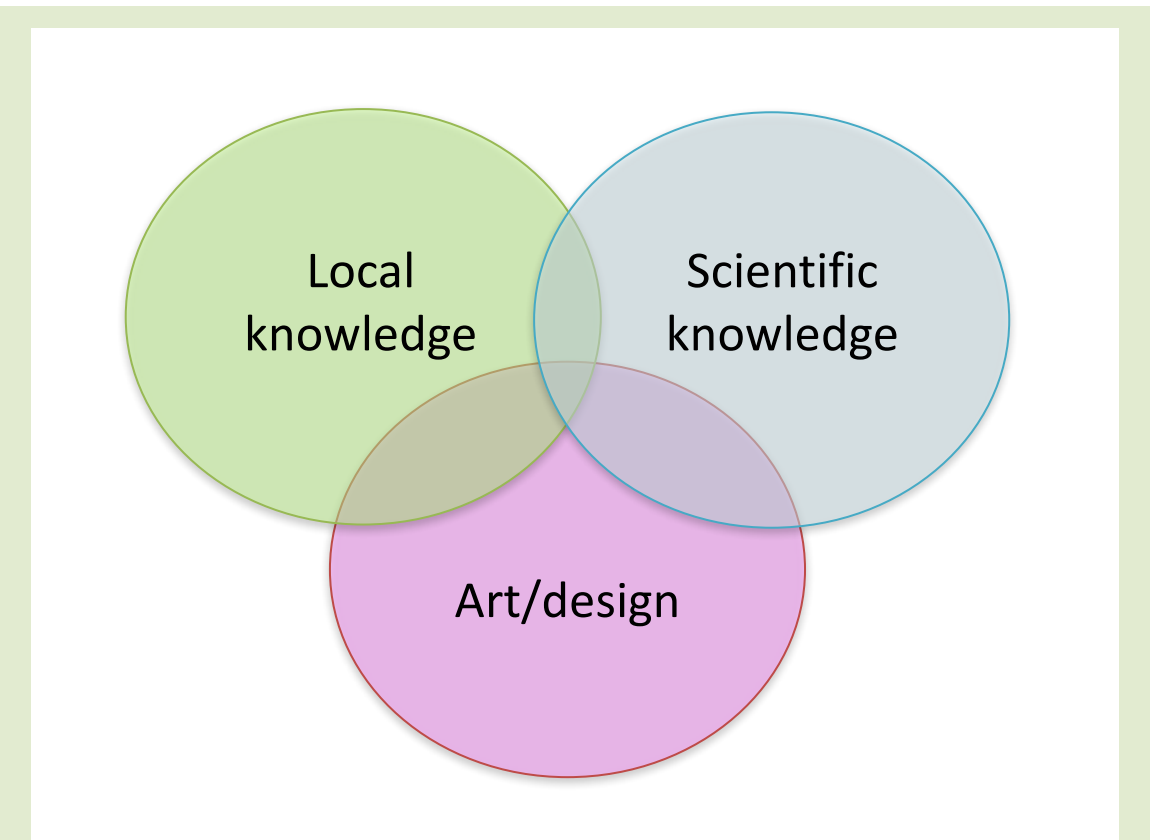
Methods (方法)

Workshops

- Inviting **local scientists, local practitioners of GIAHS education** for school children, and a **local illustrator**, the contents of the material was discussed and it was decided to create a picture book that summarizes Noto's agricultural systems and local knowledge.

Information gathering

- Detailed information was then collected from **local knowledge holders** and literature.
- Contents were also double checked by several scientists who are specialized in various fields, such as plant ecology, seaweed, and mushroom.



(ワークショップ)

- 能登在住の専門家、GIAHS教育の実践者、イラストレーターによるワークショップを実施し、絵本の方向性を決定。

(情報収集)

- 地元の方や文献から情報を収集。
- 各分野の専門家(植物生態学、海藻、キノコ)による情報確認の実施。

Results (結果)

A picture book targeting lower-grade children of elementary school was developed. (小学校低学年向けの絵本を作成)

Through the process of the main characters helping their grandparents gathering ingredients and preparing a feast for autumn festival, it is hoped that the readers, not only the children but also the teachers, would open their eyes to their surrounding agricultural systems and nature.



Fig.1 Cover page of the picture book 'Let's Make a Harvest Feast!'

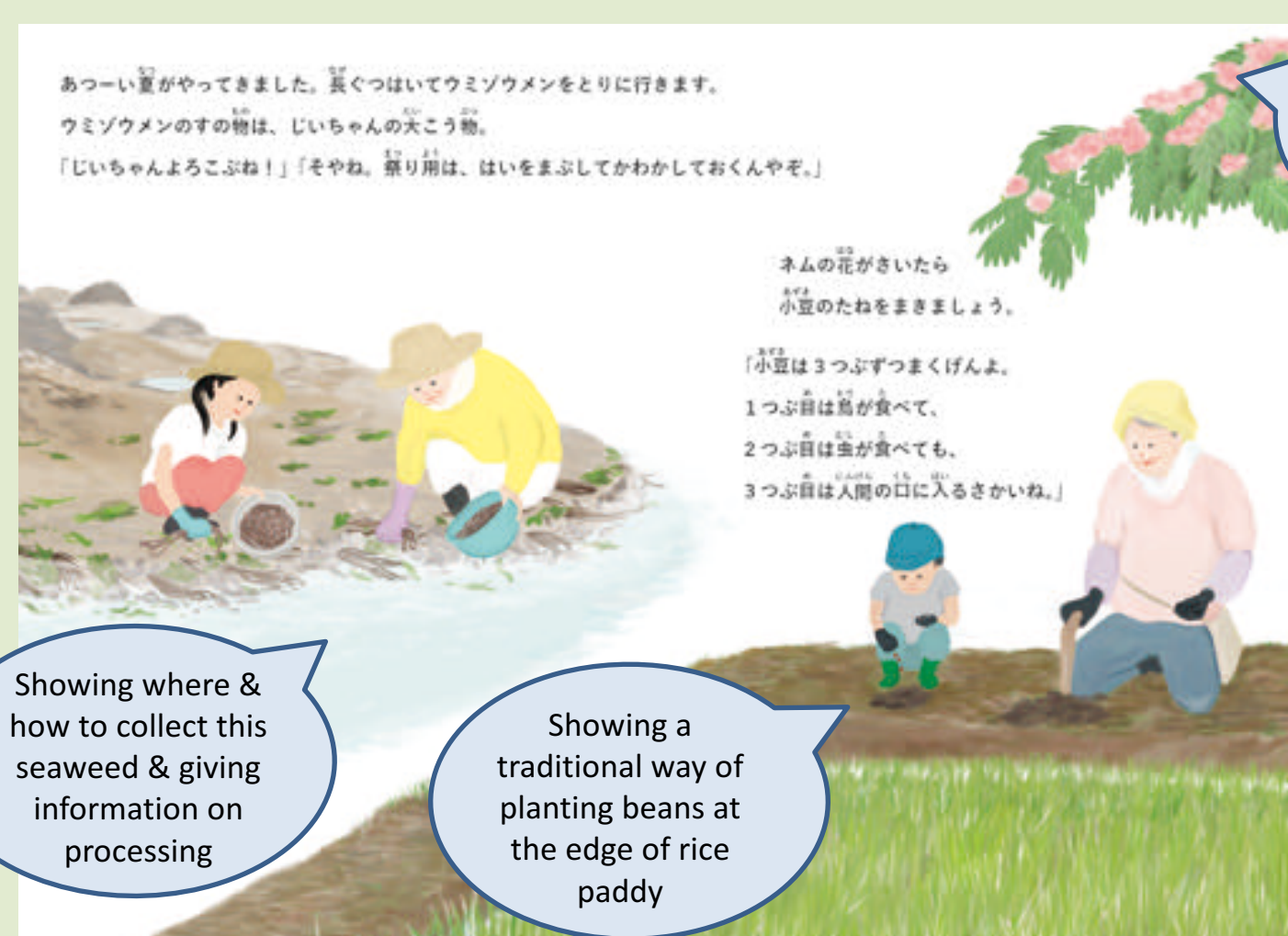


Fig.2 One page showing the local knowledge on Satoumi and Satoyama in summer

Planting azuki beans when this flower is in bloom

Showing where & how to collect this seaweed & giving information on processing

Showing a traditional way of planting beans at the edge of rice paddy

- Local knowledge are contained in each page of the book.
- Explanatory notes for adults are included at the back of the picture book, explaining the contents with some real photos.



Fig.3 Explanatory notes for adults

Main messages contained in this book (この絵本に含まれている主なメッセージ)

1. Local wisdom and methods of harvesting and preserving blessings from nature from the old days help us in realizing environmentally friendly and sustainable lifestyle.
2. Richness of food and lifestyle are supported by biodiversity.
3. Ancient Japanese perspective on nature: appreciating nature and considering that man is a part of it.
4. Importance of developing local identity in this globalized society.

1. 地域の暦に沿った自然の恵みの採取方法、保存などに関わる昔ながらの知恵の中には環境に配慮し、持続可能なライフスタイルを実現するのに役立つものがあるということ。2. 生物多様性が食や暮らしを豊かに支えているということ。3. 日本古来の自然観(人も自然の一部であることに気づき、感謝する心。)4. グローバル化社会の中でローカルなアイデンティティを育むことの重要性。

- 各ページに地元の知識が散りばめられている。
- 絵本の最後にはおとなへの解説ページが設けられ、絵本に登場する生き物などの実物の写真もいくつか紹介している。

Discussion (考察)

- The picture book is being distributed to all elementary schools in Noto and to engage children more actively, an additional learning tool in the form of a worksheet is to be developed based on the story of this book.
- This picture book can be a good learning tool not only for children within Noto region but also to all kinds of visitors visiting Noto GIAHS, including overseas visitors, as it provides overall image on Noto GIAHS and show the links between people, agriculture, and nature within Noto in a simple way. Finding other ways to utilize this material can possibly be beneficial for Noto GIAHS in the future.

It is hoped that this kind of learning materials would work hand in hand with practical activities to pass on the value of GIAHS to future generations and promote children to think by themselves about the future of Noto and take actions.

- 絵本は能登地域の全小学校に配布され、子供たちのより積極的な参加を促すために、この絵本の物語をベースにした追加の学習教材(ワークシート)が開発予定。
- この絵本は能登GIAHSの全体像を簡潔にまとめているので、子供だけでなく、国内外からの来訪者への学習や普及啓発ツールにもなりうる可能性がある。

このような学習教材の使用とより実践的な活動が一緒に行われることにより、能登GIAHSの価値が将来の世代に継承され、子供たち自身が能登の将来について自ら考え行動に移すことができるようになることが望まれる。

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