



Rural Development Administration

Introduction of Technologies on Characteristic Analysis and Conservation Management in Agricultural Heritage Systems

농업유산시스템의 특성분석 및 보전관리 기술 도입

農業遺産システムにおける特性分析と保全管理に関する手法開発



UNITED NATIONS UNIVERSITY

UNU-IAS

Institute for the Advanced Study of Sustainability

Project Overview: 1 January 2018-31 March 2022

Objectives: In partnership with the Rural Development Administration (RDA) of the Republic of Korea, the United Nations University Institute for the Advanced Study of Sustainability Operating Unit Ishikawa Kanazawa (UNU-IAS OUIK) aims to:

- analyze key characteristics of GIAHS in Korea and Japan
- develop GIAHS monitoring indicators and guidelines
- provide knowledge to existing and aspiring GIAHS

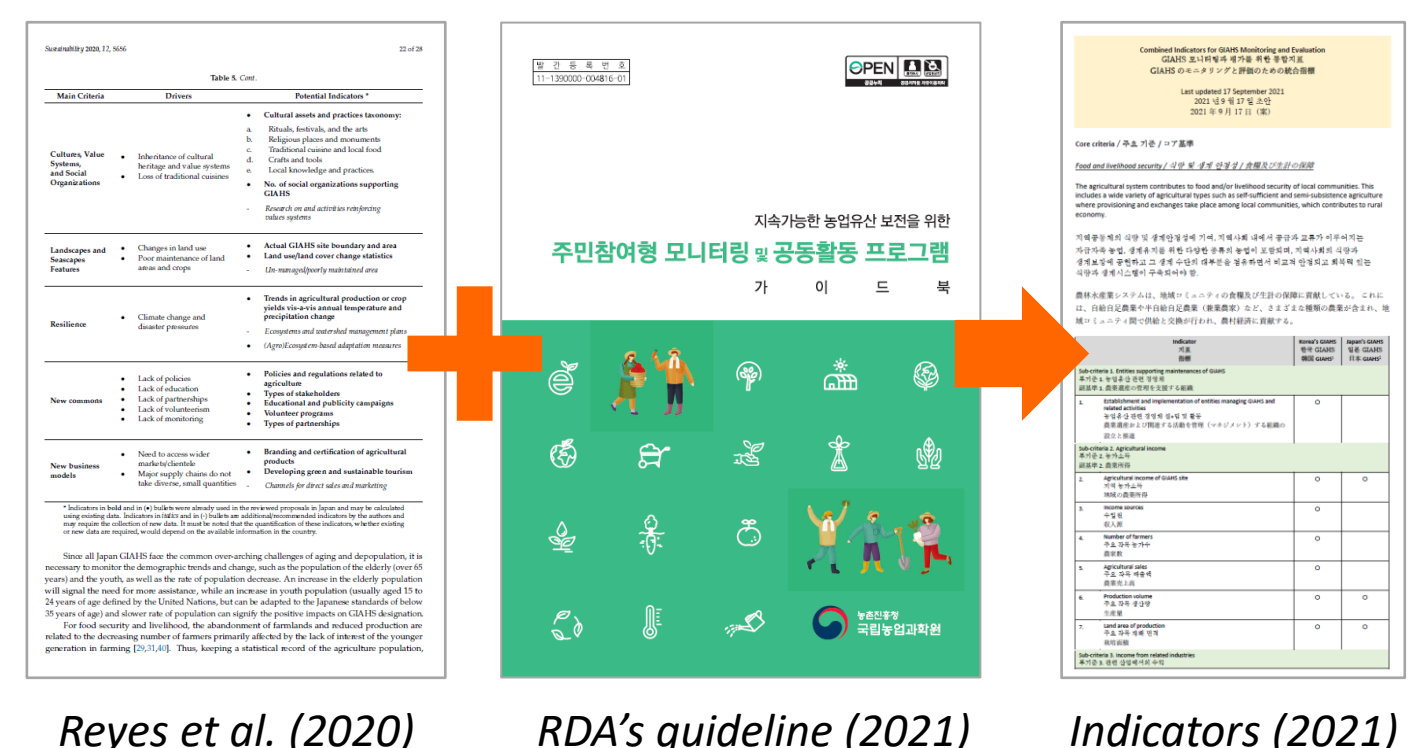


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Output 1: GIAHS Monitoring Guideline, including Criteria and Indicators

Indicators Development

- A preliminary set of indicators (2021) are being developed through review of literature, GIAHS proposals and action plans, as well as interviews and workshop discussions, including:
 - Reyes, Sheryl R.C., Aya Miyazaki, Evonne Yiu, and Osamu Saito. 2020. **Enhancing Sustainability in Traditional Agriculture: Indicators for Monitoring the Conservation of Globally Important Agricultural Heritage Systems (GIAHS) in Japan.** *Sustainability* 12, no. 14: 5656
 - Guidebook on Community-based Participatory Monitoring and Activities for Sustainable GIAHS Conservation** by RDA, 2021



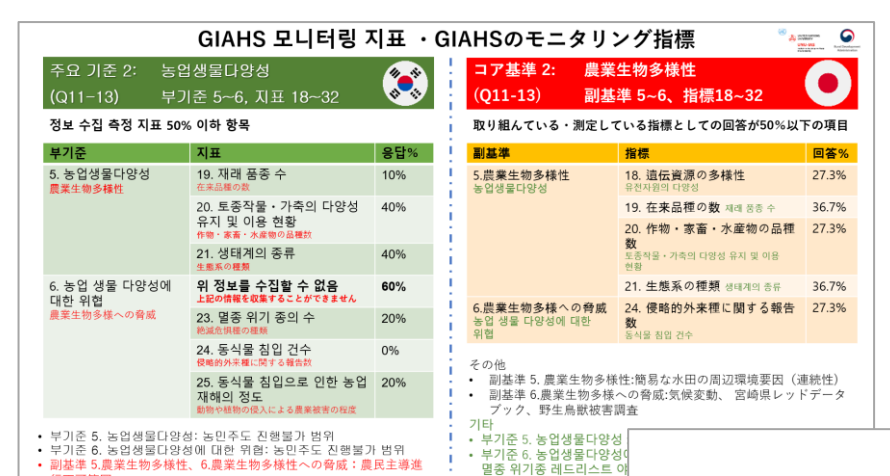
Reyes et al. (2020)

RDA's guideline (2021)

Indicators (2021)

Verifying the Feasibility of GIAHS Monitoring Indicators

- UNU-IAS OUIK administered a **survey** and two **consultation workshops** with GIAHS officers and researchers in Japan and Korea to assess the relevance and feasibility of the preliminary set of indicators.



- Respondents from both countries **overlapped much in the indicators they identified to be 'too advanced,'** particularly around measuring changes in agro-diversity, transfer of traditional technical knowledge, economic support through policy, adaptation measures against environmental crises, and community-level initiatives.

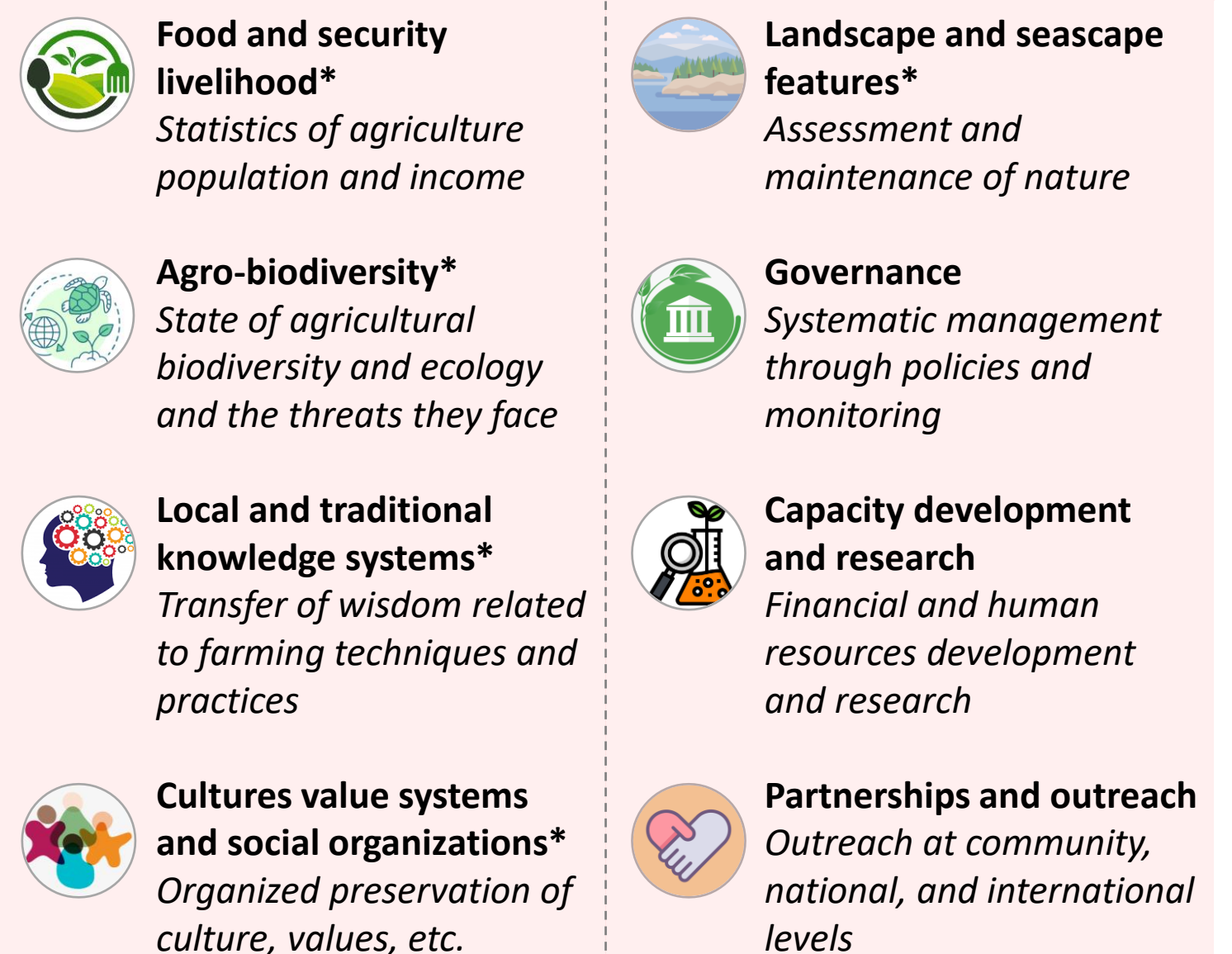
Scan this QR code to learn more about the workshops.



- Although the awareness of Sustainable Development Goals (SDGs) were much higher and related activities more vibrant among Japan GIAHS, participants from **both countries agreed that SDGs provides a viable platform for raising public awareness of GIAHS and its value to society.**

Preliminary Indicators Framework

8 criteria (5 core* and 3 additional criteria)
22 sub-criteria, 72 indicators
(as of November 2021, subject to change)



GIAHS Monitoring Guideline

The project is in the process of developing a GIAHS monitoring guideline to be launched in Q1 of 2022. The guideline will provide an overview of the current state of GIAHS conversation and monitoring; purpose and core principles of monitoring GIAHS; key elements of GIAHS that should be monitored with indicators; requisite institutional structures and resources; and strategic ways to link to evaluation studies and use the findings. It aims to serve as a knowledge reference for GIAHS and aspiring GIAHS communities.

Output 2: Research publications and outreach events

The **Symposium on Conserving and Strengthening the Value of Agricultural Heritage Systems in the New Normal Era**, co-hosted by UNU-IAS OUIK and RDA, was streamed live on YouTube in Japanese and Korean on 5 November 2021. Additional publications and outreach events are forthcoming.



Scan this QR code to watch the event on YouTube.