

Promotion of Research and Collaboration with External Research Institutions toward the Realization of Green Society

(Research period: FY 2023 -)

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(Key words) global warming, climate change, green society, environmental action plan, research collaboration

1. Activities of the Green Society Realization Research Promotion Committee

The NILIM promotes collaboration and cooperation beyond the frames of organizations, by establishing the "NILIM Green Society Realization Research Promotion Committee¹⁾" (hereinafter called the "Green Committee") in July 2023, in order to promote environmental research cross-functionally based on the "Ministry of Land, Infrastructure, Transport and Tourism Environmental Action Plan."

2. Promotion of cross-functional research within the NILIM

After the establishment of the Green Committee, committee meetings are held 4 times a year, in which information sharing and exchange of opinions are performed concerning the trends of policies and research concerning the environment.

In addition, a comprehensive research project is planned to be started, in which researchers in the two fields of civil engineering and building participate from FY 2025, with the Green Committee secretariat serving as a coordinator, and collaboration in specific research issues is also under way.

3. Cooperation with external research institutions

(1) Liaison for Environmental Research Facilities

The Director-General and the Research Coordinator for DX of the NILIM attended the "Research Exchange Seminar²⁾" (November 2024) held by the 13 institutes participating in the Liaison for Environmental Research Facilities, in which they gave presentations on the "Research and development that support the green innovation measures in the fields of housing and infrastructure," and at the same time held discussions with participants from the institutes (Photo-1).

(2) Research institutes liaison meeting concerning climate change adaptation

The researchers of the institutes participating in the

Liaison, a research presentation meeting³⁾ of the "Climate Change Adaptation Research Meeting" is held every year. In the research presentation meeting in December 2024, the Research Coordinator for Integrated Water Disaster Management of the River Department gave a presentation about the efforts of the NILIM, with the subject of "Study status toward social Implementation of remote sensing technology utilizing satellites in the field of infrastructure."

(3) Exchange of opinions among researchers in the field of the environment

Researchers from the National Institute for Environmental Studies visited the NILIM in September, who are engaged in activities for conserving biodiversity in the Tsukuba Science City as the "Network of Green Areas for Biodiversity in Tsukuba." The researchers paid a site visit in the premises, and at the same time presentations on efforts toward the conservation of biodiversity and exchange of opinions were carried out jointly with the Public Works Research Institute (Photo-2).

For more detailed information, visit:

1) Green Society Realization Research Promotion Committee, NILIM

https://www.nilim.go.jp/japanese/organization/gx_honbu/indexgx.htm

2) 6th Liaison for Environmental Research Facilities Research Exchange Seminar

https://kankyorenrakukai.org/seminar_06/

3) FY 2024 Climate Change Adaptation Research Meeting Research Presentation Meeting

<https://adaptation-platform.nies.go.jp/archive/conference/2024/1217/>

4) Network of Green Areas for Biodiversity in Tsukuba Activity Report

https://www.nies.go.jp/biology/greenareas/activity_report.html



Photo 1 Oral presentation in a research exchange seminar



Photo 2 Exchange of opinions with researchers from the National Institute for Environmental Studies