

Objectives of REDD Research and Development Center

Balancing Forest Conservation and Regional Development / Conservation of the Global Environment

The REDD Research and Development Center is performing diverse activities such as collecting updated information on "REDD-plus", technology development, capacity-building in developing countries, cultivating experts who will support REDD-plus activities, and disseminating information about REDD-plus. The goal of the Center is to help build a society balancing sound forests and regional development, and conserving the global environment through REDD-plus activities.

Approach

Multidisciplinary and Strategic Research, Information Dissemination, and Development of Human Resources

- Collection, analysis, and dissemination of information
- Development of analytic technology and methodology using remote sensing
- Strengthening of the REDD-plus implementation system
- Cooperation with related organizations



- Capacity-building for REDD plus implementation
- Development of training material
- Seminars for facilitating private sector participation
- Setting up a help desk

REDD Research and Development Center Japan

To Contribute to Sustainable Development of the World through Sustainable Forest Management –Research, Development and Enhancement of Operational REDD-plus Systems–

Research and Development

Information Collection and Analysis / Research Development from a Multidisciplinary Perspective

The REDD Research and Development Center is working on strengthening the measurement, reporting and verification (MRV) system of monitoring greenhouse gas emissions and developing the technologies required to establish reference levels of emissions, while also engaging in research to propose effective policy and measures to reduce deforestation and forest degradation by examining the drivers and factors of land use change through socioeconomic methodologies. Based on these research findings, the Center will further propose a system for developing an international framework for REDD-plus.

Forest Conservation for addressing Climate Change

Development of methods for:

- monitoring GHGemission and removal
- estimating the reference level

Suggestion for the MRV system

Proposal for policy guidance on REDD-plus in partner countries

Development of REDD-plus methodologies

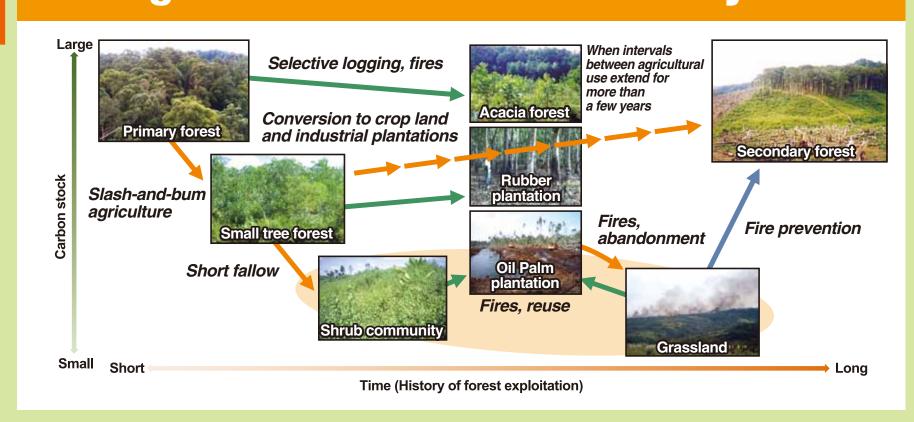
- Development and proposal for guidelines and methodologies for REDD-plus
- Issuance of an instruction manual for monitoring ___
- Reflection of the results in the international framework for REDD-plus

Collection of satellite imagery Image analysis Creation of a base map Identification and verification of land-cover from field survey Creation of a base map 2006 Change detection of forest area Development of methodology for establishing the reference level

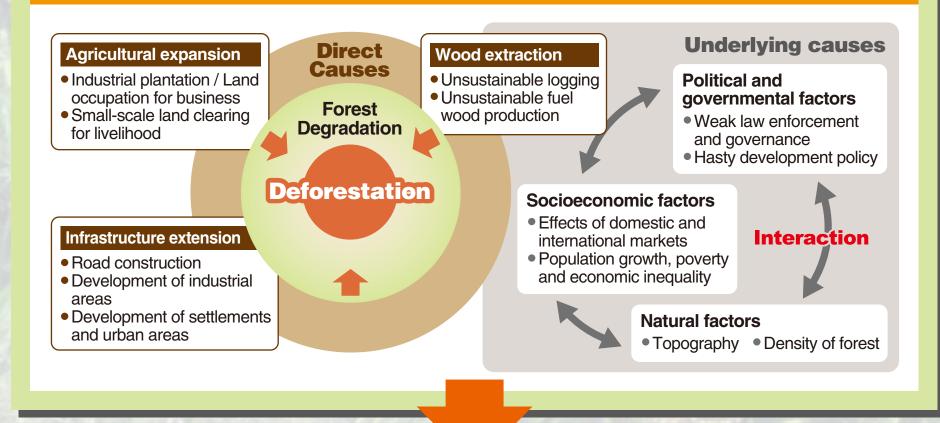
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Estimating the ecosystem carbon stock and changes therein using ground-based-measurement

Assessment of Carbon Stocks through a Ground-Based Inventory



Clarification of the Process of Deforestation and Forest Degradation from the Socioeconomic Perspective



Analysis of the effects of policy and measures on land use change

Training for Experts

Training Experts who Meet the Needs of Individual Countries

When implementing forest conservation activities within the REDD-plus framework, it is imperative that REDD-plus activities be performed in accordance with the guidelines agreed in the international negotiations. In addition, individuals participating in REDD-plus activities must have a full grasp of knowledge of the scientific background of REDD-plus and ever-changing global trends.

With this in mind, the Center holds the following training courses to foster specialists with knowledge of REDD-plus. The Center is also developing a system to provide information on human resources with expertise in REDD-plus.

Experts Training by the REDD Research and Development Center



Raising Public Awareness / Supporting Activities

Disseminating Relevant Information and Promoting the Partnership for Enhancing REDD-plus Activities by Various Institutes

In a bid to increase public awareness of REDD-plus and facilitate private sector participation, the Center is working to promote international discussions and disseminate information about REEDD-plus activities through public seminars and side events during the International Conference.

A helpdesk to answer inquiries and provide advice related to REDD-plus has been established in the Center. The helpdesk updates the Center's website and distributes the Online Newsletter to share the latest information on REDD-plus, including the Center's activities.