

Forest Management as Nature-based Solution (NbS): Towards Forest-based Disaster Risk Reduction (F-DRR)

February 5 (Wed)

**13:00-17:00 (JST)
04:00-08:00 (UTC)**

Location TKP Garden City PREMIUM Jimbocho & Online
(Participants will be able to exchange ideas and opinions
with presenters until 18:00 at the venue.)

Japanese/English Simultaneous Interpretation

https://redd.ffpri.affrc.go.jp/events/seminars/2025/20250205_en.html



Organizer Forestry and Forest Products Research Institute (FFPRI)

Supported by Forestry Agency
Ministry of the Environment
Japan International Cooperation Agency (JICA)



Purpose of the Seminar

Japan is located in a climate zone where heavy rains caused by typhoons and rainy seasons occur frequently, and has long suffered from frequent mountain disasters. To adapt such environment, Japan has developed and applied Forest-based Disaster Risk Reduction (F-DRR) technique that utilizes the functions of forests and trees to reduce the occurrence of mountain disasters. There is increasing international interest in using ecosystem functions as nature-based solutions (NbS). F-DRR is expected to be an effective climate change adaptation measure as NbS in developing countries by implementing it in upstream of river basins at relatively low cost. Since FY2020, FFPRI has been researching and developing with the aim of supporting the international deployment of F-DRR technologies by the private sector in Japan. onent and increase the number of participants to such projects.

This year's international seminar aims to discuss the importance of utilizing the multifaceted functions of forests especially disaster risk reduction in regional development, based on the trend towards mainstreaming NbS. Presenters will share the importance of forest and land use planning that considers F-DRR and the issues involving local communities to such initiatives in developing countries. We hope that the discussions based on these presentations followed by a panel discussion will lead to the formation of regional development projects including F-DRR component and increase the number of participants to such projects.

Keynote Speaker Prof. Dr. Juan M. Pulhin

Full Professor and Founding Director of the UPLB Interdisciplinary Studies Center for Integrated Natural Resources and Environment Management (UPLB-INREM).

He has held the highest rank of UP Scientist III since 2011, highlighting his outstanding research contributions and international stature. Recently appointed by the Philippine President to the Climate Change Commission's People's Survival Fund Board, he also leads the Vulnerability and Risk Assessment for The Philippines-Canada Partnership on Nature-Based Solutions (NbS) for Climate Change Adaptation (PCP4NbS), located in six provinces across the Philippines.



PROGRAM

Opening remarks

Dr. Toru Asano (FFPRI)

Guest speech

Mr. Keita Nagasakiya (Forestry Agency)

Session 1 : Keynote Speech Harnessing Forests for Resilience : Nature-Based Solutions for Disaster Risk Reduction and Development

Prof. Dr. Juan M. Pulhin (Professor University of the Philippines Los Baños)

Session 2 : The Importance of Forest and Land Use Management in F-DRR

Dr. Yasumasa Hirata (FFPRI)

Dr. Manzul Kumar Hazarika

(Director Geoinformatics Center – Asian Institute of Technology)

Session 3 : Challenges in Local Community Participation for F-DRR

Ms. Sachiko Takinaga (Asia Air Survey Co., Ltd.)

Dr. Hà Văn Tiệp (Director, Forest Science Center of Northwestern Vietnam
Vietnamese Academy of Forest Science)

Session 4 : Panel Discussion

Keynote speaker and session speakers participated.

Closing remarks

Dr. Koji Tamai (FFPRI)