

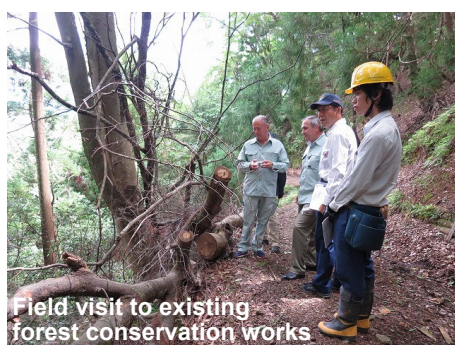
Macedonia **Eco-DRR** Newsletter

Capacity Building For ECO-DRR Through Sustainable Forest Management In MACEDONIA
Nov 2017 - Oct 2022

Capacity building project for ecosystem-based disaster risk reduction (Eco-DRR) through sustainable forest management

The purpose of this Project is to develop Ecosystem-based Disaster Risk Reduction (Eco-DRR) model against floods, landslides, soil erosion, and forest fires by the utilization of multiple forest functions. With the increasing natural disaster risks around the world, expectations for Eco-DRR have risen in recent years.

1st training in Japan



Field visit to existing forest conservation works

In July 2018, three trainees from Crisis Management Center (CMC) and two from Public Enterprise Macedonian Forests (PEMF) visited Japan to attend training in order to acquire advanced knowledge useful for promotion of Eco-DRR in Macedonia.

The trainees received lectures on forest management systems, the history of forestation by citizen participation, and forest conservation techniques from the Forestry Agency (Nikko Forest Management Office/ Kyoto Osaka Forest Management Office), Forestry and Forest Products Research Institute, and Meiji Jingu Shrine Office. Furthermore, the trainees visited sites such as Arashiyama National Forest, Uzugamori Green Belt which is managed by Rokko Sabo Office, and learned about working methods and management systems.

After experiencing a virtual earthquake at the Tokyo Fire Department's Ikebukuro Facilities, they visited Hiratsuka city and learned how to disseminate disaster prevention and mitigation information to residents using hazard maps. In addition, Disaster Prevention Research Institute from Kyoto University, UNISDR (The United Nations Office for Disaster Risk Reduction), and Asian Disaster Reduction Center (an international organization), explained about current situation of natural disasters as well as countermeasures in Japan.

The trainees highly appreciated this training opportunity. They commented that they got useful information on Japan's disaster countermeasures and project implementation, and improved their understanding of Eco-DRR through field visits and discussions.

Last but not least, the experts and trainees expressed their thanks to all organizations for hosting the trainees during the hot summer.



Training using hazard maps (Hiratsuka City)

2nd JCC Meeting

The 2nd JCC (Joint Coordinating Committee) meeting was held on November 27 with 16 participants, including CMC director (who is also the director of this project), the Assistant Director of PEMF, Representatives from Skopje city administration, Secretariat for European Affairs, Secretary of the Embassy of Japan in Macedonia, Resident Representative of JICA Balkan Office, and Project Experts.

The Project Director delivered the opening speech, while the Project Experts reported on the progress for Phase1 of the project, and the working plan for Phase 2.

The Participants of the meeting expressed their gratitude for the project work that had already been done, and expressed their expectations for future activities.



JCC Meeting

Dr. Koji Tamai of the Forestry and Forest Products Research Institute visits Macedonia



Site inspection by Dr. Tamai

Dr. Koji Tamai of the Forestry and Forest Products Research Institute visited Macedonia from October 27 to November 5, for on-site inspection and guidance. In Radovich -one of the pilot sites - he discussed with counterparts (C/P) and Project Experts about testing methods for forest basin monitoring, and confirmed the appropriateness of the monitoring method based on slope observation during site inspection.

In addition, Dr. Tamai lectured on the history of Japanese forest plantation, conservation and forest disaster prevention at Radovich and CMC headquarters. The onsite visit and lecture enabled the C/P and other stakeholders including municipal offices to further understand on disaster prevention measures used in Japan.



Presentation at CMC headquarters

10th Anniversary of heavy rain disaster in Radovich

A ceremony to mark 10th anniversary of heavy rain disaster that hit Radovich city in December 2008 was held on November 26 in order to raise flood prevention awareness. The ceremony was chaired by Mayor of Radovich, and attended by CMC Director, Director General of PEMF, Resident Representative of JICA Balkan Office, and Project Experts, and 100 residents of the city of Radovich.

In the beginning, Mayor of Radovich explained the importance of reminding the damage caused by disaster 10 years ago and taking preventive measures for the future. After that, Project Experts explained about advantages and benefits of Eco-DRR and afforestation plan of the Project.

After the ceremony, the Mayor expressed his expectations for the disaster prevention and mitigation through the Project, and his understanding of needs for sustainable disaster prevention measures.



10th Anniversary of heavy rain disaster in Radovich

Main activities in the past six months

Overall Activities

- ◆ Support for the 1st training in Japan
- ◆ 2nd JCC Meeting, TCG (Technical Coordinating Group)

Achievement 1: MKFFIS functions strengthened and expanded

- ◆ MKFFIS upgrade
- ◆ Hydrological Model Development: Analysis of the Flood Damage Estimation Area in Radovich City
- ◆ Drone photography and landscape analysis training

Achievement 2: Strengthening of Forest Management Plan

- ◆ Study on new functional categories of forests and introduction of Eco-DRR for forest laws and regulations
- ◆ Selection of the third candidate site (Chaska City) by JCC

Achievement 3 : Capacity building in land restoration + afforestation technology

- ◆ Detailed plans of forest conservation works and afforestation in Radovich and Mount Vodono
- ◆ Planning for renovation of Sveti-nikole tree nursery
- ◆ Setting up monitoring site for forest functions at Radovich

Achievement 4 : Public awareness on Eco-DRR

- ◆ Create/Distribute leaflets in Macedonian language
- ◆ Open project Facebook page

Visit Macedonia Eco-DRR Facebook page!

<https://www.facebook.com/MacedoniaEco-DRR/>

Events in the coming six months

- 3rd TCG Meeting
- Workshop (forest management, forest conservation works and nursery techniques)
- Creation of new MKFFIS operating manuals
- Mapping of hazardous areas
- Formulation of guidelines for forest management/ forest restoration plans and development of training manuals
- Implementation of forest conservation works in Radovich

Contact



Crisis Management Center (CMC)
HP: www.cuk.gov.mk/mk

Project Office

Dimce Mircev No.9, Skopje, Macedonia
Tel: +389-2-3249-115/145/146
E-mail: EcoDRR.MK@gmail.com
HP: <https://www.jica.go.jp/project/english/macedonia/001/index.html>



Public Enterprise Macedonian Forests (PEMF)
HP: www.mkdsumi.com.mk



Japan International Cooperation Agency