

SDGS 13

CLIMATE ACTION



The Innovillage VirtuWave Team Introduces Meta Virtual Reality Technology for Tsunami Disaster Mitigation Simulation as a Disaster Resilience Effort



The Innovillage VirtuWave team from Universitas Negeri Padang (UNP) developed a Meta Virtual Reality (VR) application to educate the South Bungus community on tsunami disaster mitigation. Using real-time 3D environmental modeling based on aerial imagery, the application provides immersive evacuation simulations that enhance public preparedness and disaster response. Supported by local government, the Regional Disaster Management Agency (BPBD), and the Innovillage program of Telkom University, the initiative demonstrates how digital technology can strengthen community resilience against natural disasters.

UNP Signs MoU with Agam Regency to Strengthen Climate-Resilient Agriculture



Universitas Negeri Padang (UNP) signed a Memorandum of Understanding (MoU) with the Agam Regency Government to promote sustainable and climate-resilient agriculture. Supported by UNP's Institute for Research and Community Service (LPPM), GIZ, and the Agam Regency Government, the partnership focuses on farmer assistance, climate-adaptive agricultural practices, food security, and sustainable natural resource management. The collaboration aims to improve community welfare while advancing the Sustainable Development Goals (SDGs), particularly those related to zero hunger, climate action, and responsible consumption and production.

UNP Strengthens Village Transformation Through Impact-Based Community Service Program



Universitas Negeri Padang (UNP) strengthened village transformation through its Impact-Based Community Service (KKN Kampus Berdampak) program by deploying more than 5,000 students to villages to implement community-driven development initiatives. The program emphasizes community empowerment, village innovation, sustainable development, and collaboration among universities, local governments, and communities. Through this impact-oriented approach, UNP seeks to deliver practical solutions for rural development while advancing the Sustainable Development Goals (SDGs), particularly in quality education, sustainable communities, climate action, and partnerships.

GERCEPDA: UNP Multidisciplinary Team Selected for the 2025 Disaster-Responsive Community Service Program



The GERCEPDA (Rapid Emergency Response Movement) multidisciplinary team from Universitas Negeri Padang (UNP) was selected for the 2025 Disaster-Responsive Community ServiceProgram organized by Indonesia's Ministry of Higher Education, Science, and Technology. Comprising lecturers and students from various disciplines, the team will implement programs focused on logistics strengthening, community economic recovery, and disaster resilience in disaster-affected areas of West Sumatra. The initiative reflects UNP's commitment to research- based community service, multidisciplinary collaboration, and sustainable post-disaster recovery in support of the Sustainable Development Goals (SDGs).

UNP to Establish 10 Disaster Response Posts to Support Flood-Affected Areas



Universitas Negeri Padang (UNP), through its 2025 Disaster Response Task Force, established 10 disaster response posts across flood-affected and hydrometeorological disaster areas in West Sumatra. These posts serve as coordination centers for humanitarian aid distribution, volunteer deployment, emergency assistance, and logistical support for affected communities. The initiative reflects UNP's strong commitment to rapid disaster response, cross-sector collaboration, and sustainable recovery efforts for communities impacted by natural disasters.