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Support for Earthquake Disaster Recovery in Sumedang



In line with SDG 13 – Climate Action, Universitas Padjadjaran (Unpad) demonstrated its commitment to disaster response, community resilience, and climate adaptation through a series of integrated actions following the earthquakes that struck Sumedang Regency on 31 December 2023 and 1 January 2024.

These earthquakes were unprecedented for the region, which had historically faced floods and landslides rather than seismic events. Several areas, including Tanjungmedar, Kotakulon, Margamekar, Sukajaya, Citengah, and Sumedang Utara, were affected, prompting the need for immediate humanitarian support and long-term recovery strategies.

In response, Unpad, through its Disaster Research Center, launched the “Unpad Peduli Sumedang Donation Program”, inviting students, faculty, alumni, and the wider community to contribute. Donations were accepted both in monetary and non-monetary forms to support recovery needs. According to Dr. Yoga Andriana Sendjaja, Head of the Disaster Research Center, the initiative was part of Unpad’s rapid response to local disasters, emphasizing the university’s identity as part of the Sumedang community. Unpad also prepared disaster response volunteers to assist in the recovery phase when needed.


Furthermore, Unpad conducted earthquake disaster mitigation education and awareness sessions for local communities to reduce trauma and build preparedness for potential future seismic events. This educational component was critical, given that Sumedang had rarely experienced significant earthquakes in the past, highlighting the importance of building community literacy and resilience.

To support recovery efforts, Unpad also donated IDR 250 million to the Sumedang Regency Government. The donation, collected from the Unpad community, was handed over by Rector Prof. Rina Indiasuti to Acting Regent Herman Suryatman on 3 January 2024. The local government expressed deep appreciation, recognizing Unpad as the first higher education institution to provide official post-disaster assistance.

The Acting Regent also emphasized that this event would lead to a redesign of the regional long-term development plan (RPJPD), integrating earthquake mitigation strategies over the next 20 years. Unpad is expected to provide scientific and technical expertise to ensure the regional plan reflects climate resilience and sustainable development principles.

From Rescue to Recovery: Unpad's Real Action for Climate-Driven Disasters





Universitas Padjadjaran, through its SAR Unit and the Padjadjaran Rescue Communication Forum (FKPR), demonstrated a strong contribution to SDG 13 (Climate Action) by carrying out rapid response actions to two major natural disasters in West Java in 2024: flash floods and landslides in Bandung Barat Regency and floods and landslides in Sukabumi Regency.

In March 2024, FKPR teams consisting of students and members of Unpad’s SAR Unit participated in search and rescue (SAR) operations in Kampung Gintung, Cipongkor, following flash floods and landslides that destroyed 25 houses, caused fatalities, and displaced hundreds of residents. The team worked alongside more than 500 volunteers from various agencies to search for victims, support administrative and emergency school operations, and secure the disaster area. During the operation, three victims were found, while search activities continued until all victims were identified.

In December 2024, the Unpad SAR Unit, in collaboration with the Disaster Research Center (PRK) and FKPR, responded to severe flooding and landslides in Sukabumi. After conducting SAR operations from 4–6 December, the team distributed 100 packages of food aid to affected communities in Loji Village and Cipatuguran Hamlet, which had been isolated due to landslides. This action helped meet the urgent needs of affected residents while supporting the early stages of infrastructure recovery.

Through these two initiatives, Unpad demonstrated its strategic role in rapid disaster response, cross-sector collaboration, and student capacity building to address climate-related disasters. These actions reflect the university’s tangible contribution to SDG 13 targets, particularly in strengthening community resilience to climate risks and natural hazards.

Climate Change Seminar, Symposium, and Workshop titled “Active Multi-Stakeholder Participation in Achieving Enhanced Nationally Determined Contribution (NDC)”



Universitas Padjadjaran demonstrated its strong commitment to SDG 13 (Climate Action) by organizing a Climate Change Seminar, Symposium, and Workshop titled “Active Multi-Stakeholder Participation in Achieving Enhanced Nationally Determined Contribution (NDC)” on 22 July 2024 at Bale Sawala, Rectorate Building, Jatinangor. The event was held in collaboration with IPB University and the Ministry of Environment and Forestry (KLHK) of the Republic of Indonesia. It brought together various stakeholders, including representatives from government institutions, climate experts, academics, and practitioners, to foster cross-sector collaboration in addressing climate change challenges in Indonesia.

In her opening remarks, Unpad Rector Prof. Rina Indrastuti emphasized that climate change is a multidimensional issue, impacting not only the environment but also the economic, social, and development sectors. She highlighted the crucial role of universities not only as research centers but also as strategic actors capable of translating scientific findings into practical and collaborative actions. This vision aligns with Unpad’s core scientific pattern, “Bina Mulia Hukum dan Lingkungan Hidup dalam Pembangunan Nasional” (Noble Development of Law and Environment in National Development), which positions the university at the forefront of sustainable development efforts in Indonesia.

The seminar featured prominent speakers, including Ir. Ary Sudijanto (Head of the Environmental and Forestry Instrument Standardization Agency, KLHK RI), Prof. Rizaldi Boer (Executive Director of CCROM – SEAP IPB University), Yulia Suryani, M.Sc. (Director of Mitigation, KLHK), and H.E. Tri Tharyat, LL.M. (Director General for Multilateral Cooperation, Ministry of Foreign Affairs), who delivered his presentation online. In his address, Ary Sudijanto highlighted the triple planetary crisis currently faced by the world: climate change, pollution, and biodiversity loss. He stressed that climate change has triggered extreme events such as floods, droughts, heatwaves, and wildfires, underscoring the urgency of cross-sectoral collaboration and research innovation to develop long-term solutions.

Through this event, Unpad positioned itself as a facilitator of scientific dialogue and a catalyst for national collaboration, providing a platform for knowledge exchange, perspective building, and strengthening joint commitments to support Indonesia’s Enhanced NDC targets. The seminar also encouraged universities to play a more active role in research, innovation, and climate policy advocacy. By doing so, Unpad contributes not only to the advancement of knowledge but also to the implementation of impactful climate action at the national level.

Building Capacity and Rapid Response: Unpad's Landslide Disaster Simulation



The Faculty of Nursing at Universitas Padjadjaran demonstrated its contribution to SDG 13 (Climate Action) by organizing a Disaster Simulation (SIBEN) activity on Sunday, 10 November 2024, at Lapangan Merah, Universitas Padjadjaran, Jatinangor. The simulation focused on landslides, one of the most frequent natural disasters in Indonesia, aiming to strengthen disaster preparedness among students, the campus community, and various stakeholders.

All 2021 cohort nursing students participated actively, taking on critical roles such as commanders, Rapid Humanitarian Assistance (RHA) teams, logistics teams, evacuation teams, medical response teams, triage teams, post command officers, triage booth officers, and disaster victims. The simulation covered essential stages of disaster response, including rescue operations, initial treatment of victims, and post-disaster recovery. The Head of the Sumedang Regional Disaster Management Agency (BPBD), Drs. Atang Sutarno, M.Si., highlighted the importance of preparedness training like this, especially for students as the next generation who may become key responders in future disaster situations.

SIBEN 2024 also exemplified cross-sector collaboration in disaster response. The Faculty of Nursing worked closely with the Sumedang BPBD, Babinsa, the Jatinangor Police, and local media to ensure effective coordination during the simulation. The activity contributes to achieving SDG 13 targets by integrating disaster education, evacuation training, first aid response, and strengthening campus community capacity for disaster mitigation. It also provides students with practical experience in emergency response while building stronger partnerships between the university and external stakeholders.

Unpad Leads the Way in Renewable Energy with New Solar Power Plant



Universitas Padjadjaran (Unpad) demonstrated a concrete commitment to SDG 13 (Climate Action) by inaugurating a Solar Power Plant (PLTS) at its Jatinangor Campus on 4 October 2024, in collaboration with PT Empat Mitra Indika Tenaga Surya (EMITS). This initiative is part of Unpad’s broader sustainability efforts, aligned with its Core Scientific Pattern (Pola Ilmiah Pokok): *“Bina Mulia Hukum dan Lingkungan Hidup dalam Pembangunan Nasional”* (Noble Development of Law and Environment in National Development).

Unpad Rector, Prof. Rina Indriastuti, emphasized that the implementation of the solar power system represents the university’s consistent innovation in promoting environmental sustainability. Unpad is committed to becoming a leader in environmental preservation through the use of clean and renewable energy, contributing directly to carbon emission reduction and ecosystem protection. “Unpad consistently strives to be at the forefront of environmental stewardship, including through the use of clean energy (PLTS),” she stated.

Vice Rector for Research and Innovation, Prof. Hendarmawan, explained that the solar power plant is a concrete example of green energy implementation within the campus and a tangible step toward reducing carbon emissions. With this facility, Unpad aims to serve as a model for other higher education institutions in transitioning to renewable energy sources.

Yovie Priadi, President Director of PT EMITS, expressed his appreciation for the collaboration and highlighted the significant potential for further solar energy development within the campus area. This partnership not only supports Unpad’s vision as an Eco Campus but also strengthens the role of universities as agents of change in sustainable energy adoption.