

CLIMATE & ENVIRONMENTAL *Action for Children*

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unicef 
for every child

A biannual newsletter highlighting efforts in advancing climate and environmental action for and with children in Indonesia



Octavianus Balluma and his family stand in a field in Oefatu Village, Kupang Regency, East Nusa Tenggara Province, which is severely affected by reduced rainfall.

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Highlight what UNICEF does in climate and environment

Children are the most affected by climate change and environmental degradation, with significant adverse impact on their health, education, and well-being. In response, UNICEF supports the Government of Indonesia to advance climate smart social services and empowers children & youth on climate and environmental action. This newsletter highlights UNICEF's support to integrate climate considerations into early child education and WASH. It features youth led action on climate & environment and showcases climate resilient initiatives.

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1. Integrating climate into WASH and early education
2. Youth-led actions on climate, environment, and water Advancing climate-resilient
3. social services (water, schools, and climate finance)

FACTS AND FIGURES



★★★★★

Indonesia ranks **46th** out of 163 countries for exposing children to high climate-related risk (UNICEF, 2021).



Approx. **28 million** children in Indonesia are highly exposed to coastal flooding (UNICEF, 2024).



Over, **3,400 natural disasters** including 1,420 flood events in 2024 occurred in Indonesia (BNPB, 2024).

Our Work at A Glance



1. Evidence Generation and Policy Support

The Launch of the National WASH Climate-resilient Framework



The launch of the WASH Climate-resilient Framework.

The Government of Indonesia has taken a crucial step towards ensuring WASH services stay reliable and safe in climate crisis. Bappenas, with key contributions from the Ministries of Public Works, Health, and Environment, with support from UNICEF and partners, officially launched the [WASH Climate Resilience Framework](#) and the user-friendly PERIKSA tool in March 2025. With funding from Australian Aid and the Republic of Korea, this tool enables practical, data-driven climate risk assessments and helps local governments identify and prioritize climate action, towards improving WASH access that withstand climate risks.

Embedding Climate and Environment Content in Early Education

Towards raising awareness of children from an early age, the Ministry of Primary and Secondary Education (MoPSE) and UNICEF are equipping ECD teachers and principals with the knowledge and skills to integrate climate and environmental topics into their teaching. Through an [ECD training module](#) that incorporates climate and environmental content, educators from 130 ECD centres across NTT and Papua Provinces have been trained, benefitting 1,600 children. Building on this success, the best practice will be scaled up through national teacher training in partnership with MoPSE and implemented nationwide.



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A training for ECD trainers and facilitators in Sarmi District, Papua.

2. Empowering Children and Young People

Empowering Youth to Drive Climate Solutions

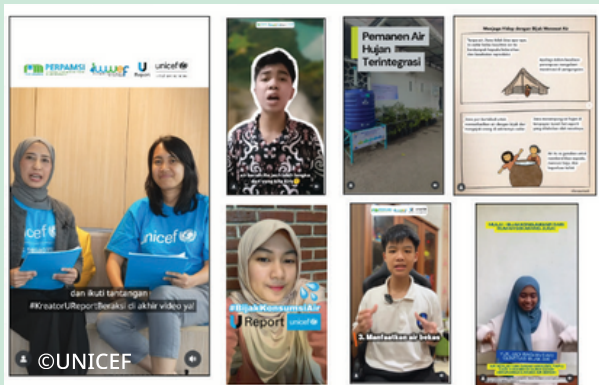


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Youth participants in the EcoRangers programme showcase innovations and plan trees in Puncak, West Java.

As part of ongoing youth empowerment efforts, the Ministry of Environment, the National Disaster Management Agency, UNICEF, and the Greeneration Foundation launched the EcoRangers competition to engage youth across Indonesia in tackling environmental challenges. From over 100 proposals, five winning teams received seed funding to implement climate-resilient, community-based initiatives. Joint monitoring with support of the Department of Women Empowerment and Child Protection helped refine the interventions and showcased strong results to stakeholders in Bogor and Tegal districts. There are plans for to scale-up to other communities within Bogor, Tegal and NTB provinces.

Youth Action to Reduce Water Footprint



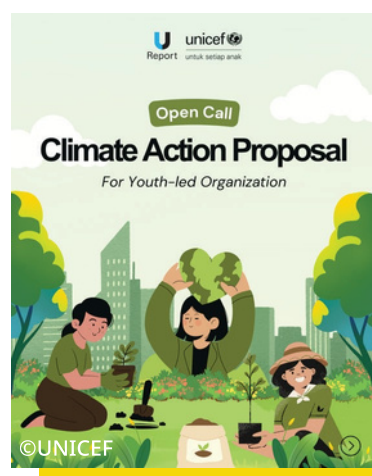
Youth advocate reducing water footprint through creative digital content.

creators will create new content, helping raise awareness about PDAMs' role in providing safe water and inspiring peers to contribute addressing water issues.

As part of the World Environment Day, UNICEF and the Indonesian Water Association (PERPAMSI) empowered youth to take action to reduce their water footprint through #KreatorURReportBeraksi #BijakKonsumsiAir competition, driving environmental change through digital advocacy. Youth created educational and advocacy content showcasing their actions and messages for responsible water use. Seven creators had their content featured at the Indonesia Water and Wastewater Expo and Forum (IWWEF) 2025 and participated in a hands-on learning experience at their local water utility (PDAM). Following their visit, the seven

Youth-led Climate and Environment Action Across Indonesia

As part of UNICEF's commitment to empower children and young people to tackle climate change and environmental challenges, UNICEF partners with youth-led organizations across Indonesia to advance waste management and biodiversity. Selected organizations will receive starter funds to help youth launch climate initiatives, opportunities for collaboration and learning, with guidance from UNICEF and partners. This initiative runs until November 2025 and aims to build a generation of empowered, informed, and resilient young leaders by placing them at the center of climate action.



Call for youth-led proposals to lead climate and environmental action.

3. Advancing Climate-Smart Social Services



Strengthening Climate Resiliency in Safe Water Provision



Ministry of Public Works, Ministry of Health, Director of Perumda Tirta Aneuk Laot Sabang, Bappenas, PERPAMSI, and UNICEF promote climate-informed Water Safety Plans at IWWEF 2025.

Towards promoting climate-resilient WASH services, UNICEF, in collaboration with PERPAMSI, held a seminar at IWWEF 2025, highlighting the importance of integrating a risk management approach, including mitigating climate hazards such as drought and flooding through Water Safety Plans (WSP) in water utilities. The session brought together key ministries, water utilities director, and financing partners to explore practical solutions for ensuring safe drinking water amid climate change. The seminar emphasized the need for proactive risk mitigation to strengthen the resilience of water utilities and safeguard communities against the growing impacts of climate change.



Improving Climate Resiliency of WASH Services in Schools



New inclusive toilet with solar panel (right) and old toilet (left) in Teamate Primary School, Gowa District.

To demonstrate the feasibility of climate-smart WASH services in schools, UNICEF, with funding support from by WINGS, enhanced WASH services in schools by constructing climate-resilient and inclusive sanitation facilities in schools, benefitting over 250 children, including with disabilities. Built through a participatory approach, the facilities include gender-separated and disability-friendly toilets, menstrual hygiene products, and handwashing stations connected to solar-powered borehole water sources. The initiative included hygiene

and menstrual health training for 40 teachers across 10 schools and student-led hygiene campaigns. This intervention demonstrates how climate-resilient and inclusive WASH services can strengthen sustainable school programs and guide policy advocacy for broader replication by via governments and partners' resources.

Advancing Climate-Focused Development Through Innovative Finance

In January 2025, UNICEF Indonesia organized the 5th Innovative Finance Discussion Series, as part of the development of the Integrated Subnational Financing Framework (ISFF) 2025–2029, with the East Java Province Government and the Ministry of Finance, which identifies public and alternative financing to accelerate SDGs and East Java's development. The ISFF is now integrated into the Provincial Medium-Term Development Plan 2025-2029. UNICEF also supported the development of a municipal bonds policy memo and high-level dialogues with the Vice Governor, DPRD East Java, and DPRD Surabaya, generating commitment toward climate-focused development.



Innovative finance discussion series (above) and high-level dialogue with the Vice Governor of East Java (below).

Green Movement Transforms Environment in Pesantrens (Islamic Boarding Schools)



Secretary General of MORA plants a Matoa tree during the official Greening of Pesantren Launch.

To strengthen climate action through faith-based education, the Ministry of Religious Affairs (MoRA) launched a national green religious initiative, aiming to plant one million Matoa trees across over 40,000 pesantren nationwide. Launched in April 2025 at the International Islamic University of Indonesia, it engaged over 10,000 religious partners, local governments, and communities to promote environmental stewardship rooted in religious values. With UNICEF's technical support, the tree planting in pesantren aligns with the Child-Friendly Pesantren Programme, contributing to a safer, greener learning environment and fostering ecological awareness.



KNOWLEDGE PRODUCTS

- [Climate Change and Nutrition in Indonesia: A Review of the Evidence for Policy and Programme Strengthening](#)
- [The Impact of Climate Change on Child Nutrition in Indonesia: A Conceptual Framework and Scoping Review of the Available Evidence](#)
- [Framework for Strengthening WASH Climate Resilience](#)
- [ECD training module](#)



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