



Ministry of Climate Change &  
Environmental Coordination

GOVERNMENT  
OF PAKISTAN

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# CLIMATE CHANGE

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# FROM THE EDITOR'S DESK

## A Season of Action, Partnerships, and Climate Leadership

The months of July and August 2025 have marked a period of intense climate diplomacy, decisive national action, and renewed global engagement for Pakistan. Guided by the leadership of Federal Minister for Climate Change and Environmental Coordination, Senator Dr. Musadik Masood Malik, the Ministry has advanced a proactive climate agenda—strengthening partnerships, driving policy reforms, and responding swiftly to emerging environmental challenges.

From representing Pakistan at international platforms such as the Geneva Plastics Treaty negotiations and COP-29 Heads of Delegation Retreat in Azerbaijan, to leading national relief efforts amid monsoon floods, Dr. Malik and his team have underscored Pakistan's commitment to climate justice, green growth, and sustainable development.

At home, the Ministry launched major initiatives, including the Monsoon Tree Plantation Campaign, EV transition roadmap, and the country's first National E-waste Management Framework. The Ministry's collaboration with partners such as GGGI, UNEP-SPAR6C, and the banking industry is paving new pathways for carbon markets, green financing, and electric mobility.

The period also saw the Ministry emphasizing localized solutions for food and water security, engaging youth-led green startups, and strengthening regional ties with Qatar, Saudi Arabia, and Ethiopia to accelerate collective climate action. Through these initiatives, Pakistan continues to assert its voice as a leader among climate-vulnerable nations—calling for fairness, inclusivity, and shared responsibility in the global environmental agenda.

As this edition highlights, the Ministry's efforts are driven by one guiding principle: climate action is not just an environmental necessity—it is a matter of justice, resilience, and national solidarity.

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## Federal Minister for Climate Change Dr. Musadik Malik for Tackling Disasters with National Solidarity

ISLAMABAD (August 30, 2025) — Federal Minister for Climate Change Musadik Malik warned that devastating floods have displaced nearly two million Pakistanis, disproportionately hitting the poorest families, and urged the nation to unite in extending urgent support to the victims.



**Federal Minister for Climate Change & Environmental Coordination Dr. Musadik Malik along with Chairman National Disaster Management Authority addressing to media on monsoon floods situation at the NDMA's National Emergencies Operation Center on August 30, 2025.**

While the flooding has largely ravaged rural communities along riverbanks, several urban areas — including parts of Lahore — have also experienced heavy inundation.

Speaking to reporters, Malik said the government's top priority is the poorest households who are in dire need of immediate relief. He appealed to citizens and NGOs to step forward with all possible assistance.

Accompanied by NDMA Chairman Lt Gen Inam Haider Malik, the minister stressed the need for emergency measures, including food, medicines, mosquito nets, clean water, water tanks, and temporary power supplies. He also directed authorities to remain vigilant against possible outbreaks of epidemics in crowded camps.

Malik noted that Prime Minister Shehbaz Sharif, though currently abroad, is receiving daily briefings and issuing guidance on relief operations. The same information, he added, is being shared with Army Chief, Field Marshal General Asim Munir, who is personally overseeing on-ground relief efforts.

"The federal government stands with the provinces, and the Army, Rangers, NDMA, PDMA, and Rescue 1122 are all working together," he said.

The minister added that at flood convergence zones — including Head Trimmu, Head Panjnad, and Kot Mithan — authorities are adopting measures to keep water flows under one million cusecs and are planning controlled breaches to protect populated areas. However, he warned that the Panjnad system could face flows up to three million cusecs if the floods intensify further.

Blaming climate change as the driving force behind torrential rains, flooding, and glacier melt, Malik stressed that Pakistan contributes less than one per cent of global emissions, while the top 8–10 polluting countries account for 70 per cent of the total.

He praised the rapid response by provincial governments and security forces in Narowal, Sialkot, and Khyber Pakhtunkhwa.

Meanwhile, the NDMA, in collaboration with provincial authorities, continues to distribute relief goods, including ration bags, to displaced families. Trucks carrying 46kg ration packs with 22 items each have already been dispatched to Wazirabad and Hafizabad. Relief consignments have also reached Narowal and Sialkot, with preparations underway for Chiniot and Jhang.

The NDMA reiterated its commitment to ensuring the rehabilitation of flood victims at the earliest possible time.



## Dr. Musadik Malik Visits River Chenab, Praises Rescue Teams, Engages With Local Communities



Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, talking with locals during visit to the River Chenab and reviews on-ground flood situation on August 28, 2025.

ISLAMABAD (August 28, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, visited the River Chenab to review on-ground conditions, meet rescue personnel, and interact with local communities.

He lauded the dedication and sacrifices of rescue teams working tirelessly to safeguard lives, calling their service a cornerstone of disaster response. The Minister also engaged with nearby communities to hear their concerns and assess their needs, while reviewing precautionary measures along the riverbanks.

Dr. Malik reaffirmed that protecting citizens' lives and property remains the government's top priority, pledging full mobilization of resources to counter flood threats with timely and effective response.

## Musadik Calls for Capacity Building to Tackle Climate Threats

ISLAMABAD (August 27, 2025) — Federal Minister for Climate Change, Dr. Musadik Malik, stressed upon the pressing need for capacity building to combat climate change, pledging federal support for provinces in improving urban drainage, disaster preparedness, and zoning enforcement.



Federal Minister for Climate Change, Dr. Musadik Malik, addressing at a seminar on "Building a Resilient Public Financial Management Ecosystem" held on August 27, 2025 in Islamabad.

Speaking at a seminar on "Building a Resilient Public Financial Management Ecosystem" organized by ICAP and CIPFA, Dr. Malik called climate change "a present and undeniable reality", warning against unsafe riverbank construction and demanding global fairness in climate financing.

The Minister announced a federal strategy to demolish all illegal and unsafe resorts along riverbanks, stating they become "missiles of destruction" during floods. He emphasized that Pakistan's vulnerability—despite contributing less than 1% of global

emissions—has been worsened by poor planning, while major polluting economies consume nearly 80% of the Green Climate Fund. Dr. Malik urged stronger technical capacity and project preparation to secure global financing, admitting gaps in Pakistan's ability to access international funds. He also linked the country's challenges to global climate injustice, noting that a few economies contribute three-quarters of global carbon emissions while Pakistan bears disproportionate impacts.



## Dr. Musadik Malik, Mayor Murtaza Wahab Review Karachi's Water and Waste Management Projects

ISLAMABAD (August 25, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, met Karachi Mayor Barrister Murtaza Wahab and reviewed key initiatives to address the city's water and waste management challenges.



Mayor Karachi Barrister Murtaza Wahab briefs Federal Minister for Climate Change & Environmental Coordination Senator Dr Musadik Masood Malik about the Sewage Treatment Plant TP-III project on August 15, 2025.

The Minister and Mayor visited the TP-III Wastewater Treatment Plant and the KWSC Pumping Station, where they were briefed on projects to treat wastewater and reuse it for industrial purposes.

During the meeting, both sides discussed strategies to improve wastewater management and plastic waste treatment. Dr. Malik emphasized the need for innovative, sustainable solutions to strengthen urban resilience, safeguard the environment, and promote circular economy practices.

He reaffirmed the federal government's commitment to supporting Karachi in addressing its environmental and infrastructural challenges, adding that the Ministry of Climate Change would coordinate with the Ministry of Maritime Affairs to ensure long-term integrated solutions for the city's sustainability.

## State Minister Dr. Shazra Mansab Ali Khan Launches Tree Plantation Drive in Mingora

ISLAMABAD (August 21, 2025) — Minister of State for Climate Change and Environmental Coordination, Dr. Shazra Mansab Ali Khan, visited flood-affected communities in Mingora on Thursday to review the on-ground situation and extend solidarity with disaster-hit families.



Minister of State Dr. Shazra Mansab Ali Khan plants seedling in Mingora, Swat, on August 21, 2025 as a part of ongoing nationwide Monsoon Tree Plantation Drive 2025 under the theme Aik Beti, Aik Shajar. Secretary M/o Climate Change & Environmental Coordination is also seen in the photo.

Dr. Shazra assured the affected households of the government's full support in their rehabilitation and resilience-building, stressing that safeguarding vulnerable communities from worsening climate impacts remains a top national priority.

Later, the Minister of State joined the nationwide Monsoon Plantation Drive, launched earlier this week under the Prime Minister's leadership. Participating in the campaign, themed "Aik Beti, Aik Shajar", she highlighted its target of planting 41 million trees across Pakistan to bolster climate resilience, restore degraded ecosystems, and mobilize community participation in environmental protection.

Federal Secretary for Climate Change and Environmental Coordination, Ms. Aisha Humaira Moriani, also accompanied the Minister during the visit.





## Dr. Musadik Malik Urges Localised Solutions for Food and Water Security



Islamabad: August 20, 2025: Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, held an interactive session with officers of the 38th Senior Management Course.

ISLAMABAD (August 20, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, met officers of the 38th Senior Management Course for an interactive session on Pakistan's climate challenges.

The Minister highlighted national mitigation and adaptation efforts, stressing the urgency of addressing water scarcity and low productivity as critical threats to food security.

He called for innovative, localised solutions and underscored the vital role of tehsil and district administrations, alongside communities, in strengthening resilience in agriculture and climate-sensitive socio-economic sectors.

## Pakistan, GGGI Unite to Accelerate Green Growth and Build Climate Resilience

ISLAMABAD (August 18, 2025) — Country Representative of the Global Green Growth Initiative (GGGI) Ms. Laura Jalasjoki called on Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik and discussed bilateral opportunities for strengthening cooperation on sustainable development and climate resilience



Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, held a meeting with Ms. Laura Jalasjoki, Country Representative of the Global Green Growth Initiative (GGGI).

Ms. Jalasjoki highlighted GGGI's role in supporting its 51 member states in transitioning toward low-carbon, climate-resilient economies. Dr. Malik stressed that green partnerships must deliver long-term sustainability and measurable impact, particularly in agriculture and other climate-sensitive sectors.

Both sides explored carbon markets as a key financing tool, with the Minister welcoming GGGI's technical assistance to bridge viability gaps. The meeting concluded with a shared commitment to scale up adaptation, mitigation, and nature-based solutions, positioning Pakistan's transition toward a green and resilient economy.

## Pakistan Champions Regional Unity on Plastics Treaty, Calls Out Green Finance Inequities at Geneva Talks

GENEVA (August 15, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, led a regional dialogue with delegations from Bangladesh, Egypt, Tajikistan, Malaysia, and Sudan on the sidelines of INC-5.2 in Geneva.



Geneva, Switzerland: Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, convened and led an interactive briefing with delegations from Bangladesh, Egypt, Tajikistan, Malaysia, and Sudan on August 15, 2025.

Talks centered on building consensus for a fair Global Plastics Treaty and tackling disparities in green financing, with Dr. Malik stressing that high-consuming nations reap disproportionate benefits while vulnerable countries bear the heaviest costs.

He reiterated Pakistan's commitment to advocating for equitable financing mechanisms, technology transfer, and capacity building, ensuring that support reaches the countries most affected by climate and environmental challenges.



## Pakistan Rallies Regional Partners for Fair Global Plastics Treaty at Geneva Talks



Geneva, Switzerland: Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, held an interactive briefing and detailed exchange of views with delegations from Saudi Arabia, Qatar, the United Arab Emirates, Kazakhstan, Iran, Azerbaijan, Algeria, and Kuwait on August 13, 2025.

GENEVA (August 13, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, met delegations from Saudi Arabia, Qatar, the UAE, Kazakhstan, Iran, Azerbaijan, Algeria, and Kuwait on the sidelines of INC-5.2 in Geneva to push for a just and effective Global Plastics Treaty

The discussions centered on advancing circular economy solutions, mobilizing resources, and ensuring developing nations are protected from the disproportionate impacts of plastic pollution.

The engagements marked part of Pakistan's wider diplomatic outreach to build consensus and regional partnerships for equitable global environmental action.

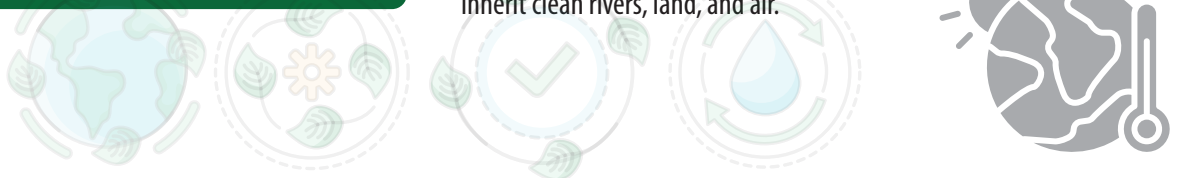


Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik addressing the Informal Ministerial Dialogue on "Investment Opportunities for a Circular Economy in the Context of the Global Plastic Treaty", during the Fifth Session of the Intergovernmental Negotiating Committee on Plastic Pollution (INC-5.2) in Geneva, Switzerland on August 12, 2025.

## At Geneva Talks, Pakistan Demands Plastic Justice; Dr. Musadik Malik Blasts Global North's Role

GENEVA (August 12, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, strongly urged fair reforms to tackle the global plastic crisis, warning that developing nations must not become dumping grounds for wealthy countries' waste.

Speaking at the Informal Ministerial Dialogue during the Fifth Session of the Intergovernmental Negotiating Committee on Plastic Pollution (INC-5.2), Dr. Malik highlighted the stark imbalance: Western Europe consumes up to 150 kg of plastic per person annually, compared to only 7 kg in Pakistan and 6–8 kg across South Asia and Africa. Yet, he said, the Global South disproportionately bears the burden of toxic, imported waste. Dr. Malik proposed two bold reforms under the Global Plastic Treaty: an Extended Consumer Responsibility Framework, making high-consuming nations pay into a global Plastic Fund, and a Plastics Credit Market, rewarding developing countries for recycling and waste prevention. "Plastic pollution is not just an environmental issue, it's an issue of justice, fairness, and sovereignty," he declared, pledging Pakistan's leadership in pushing for a treaty that protects vulnerable nations and ensures future generations inherit clean rivers, land, and air.





## Pakistan, Qatar Vow Stronger Ties on Plastics Treaty, Green Startups and Climate Action



Islamabad: Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, met with His Excellency Mr. Ali Mubarak Ali Essa Al-Khater, Ambassador of the State of Qatar to the Islamic Republic of Pakistan, to discuss avenues for enhanced bilateral cooperation on August 8, 2025.

ISLAMABAD (August 8, 2025) — H.E. Ali Mubarak Ali Essa Al-Khater, Ambassador of Qatar called on Federal Minister for Climate Change and Environmental Coordination Dr. Musadik Malik to explore enhanced cooperation in environment, climate, and investment.

The discussions covered global climate negotiations, including next week's Geneva session on a legally binding plastics treaty, as well as Pakistan's upcoming Green Startups Initiative to support youth-led sustainable ventures. Dr. Malik stressed that international treaties must reflect the socio-economic realities of developing countries, while the Ambassador reaffirmed Qatar's interest in strengthening bilateral ties in climate action, trade, and investment.

Both sides agreed to expand collaboration in environmental sustainability and economic partnerships, with senior officials from the Ministry of Climate Change and the Ministry of Foreign Affairs present at the meeting.

## Banking industry's role highlighted for fast-tracking EV transition in Pakistan

ISLAMABAD (August 1, 2025) — Senior representatives of the State Bank of Pakistan and all commercial banks, along with electric vehicle (EV) manufacturers, importers, and government officials, convened in Islamabad to chart financing solutions for accelerating Pakistan's shift to electric mobility.



Islamabad, August 1, 2025: Secretary M/o Climate Change & Environmental Coordination, Government of Pakistan, Aisha Humera Moriani chairing a high-level consultative meeting with representatives of banking sector, EV manufacturers, assemblers and importers for exploring financing options for EV adoption in Pakistan held here at the Ministry.

The high-level consultative meeting, chaired by Federal Secretary for Climate Change and Environmental Coordination, Ms. Aisha Humera Moriani, explored consumer financing options and policy incentives to make EVs affordable and accessible nationwide. Ministry spokesperson Mohammad Saleem Shaikh said the banking sector pledged full support to design workable financing mechanisms aligned with the government's commitment to fast-track the EV transition. A working group was also

formed, comprising representatives from banks, EV manufacturers, and relevant ministries, to draft proposals for green financing frameworks. Calling consumer financing the "make-or-break factor" for EV adoption, Ms. Moriani stressed, "Without affordable schemes, the transition will remain painfully slow." She further urged the imposition of higher taxes on aging fossil-fuel vehicles to accelerate the shift. Pakistan Banking Association (PBA) Chairman Zafar Masud assured support, citing the Punjab government's collaboration with the Bank of Punjab (BoP) to distribute 18,000 bikes — including 5,000 electric bikes — to students under interest-free monthly loans. Masud, also President of BoP, said the initiative could be replicated in Sindh, Balochistan, Khyber Pakhtunkhwa, and Gilgit-Baltistan, and Azad Jammu and Kashmir. Director General of MoCC&EC, Muhammad Asif Sahibzada, highlighted that Pakistan's first Green Taxonomy Framework, approved on July 25 by the Economic Coordination Committee, would channel sustainable investments and enable green loan schemes to promote EVs. Supporting the case for EV adoption, Director (Urban Affairs) Muhammad Azim Khoso underscored that urban transport is a leading source of pollution in cities like Lahore, Karachi, Rawalpindi, and Islamabad. "Electric vehicles offer a practical solution by eliminating tailpipe emissions, improving air quality, and reducing the burden of respiratory and cardiovascular diseases," he said. The meeting also discussed the phase-out of fossil-fuel vehicles, fiscal reforms, and integration of EVs into broader green financing strategies.



## Dr. Musadik Malik Calls Climate Action a Justice Issue at Ethiopian Embassy Plantation Drive

ISLAMABAD (July 31, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, attended the Ethiopian Embassy’s plantation drive as Chief Guest, led by Ambassador H.E. Dr. Jemal Beker Abdulla under Ethiopia’s flagship Green Legacy Programme. The initiative aims to plant 700 million trees globally, including seedlings across Pakistan.



**Islamabad: Federal Minister for Climate Change and Environmental Coordination Dr. Musadik Malik planting a tree at the Ethiopian Embassy alongside H.E. Jemal Beker Abdulla, Special Envoy and Ambassador Extraordinary and Plenipotentiary of the Federal Democratic Republic of Ethiopia on July 31, 2025.**

Ambassador Abdulla shared the programme’s role in ecosystem restoration and invited Dr. Malik to the upcoming Africa Climate Summit in Ethiopia.

In his remarks, Dr. Malik stressed that climate action is a matter of justice, warning that unchecked environmental harm risks stealing future generations’ childhoods and natural wonders. He announced a nationwide plantation campaign in August, offering free saplings to the public.

He lauded Ethiopia’s Green Legacy Initiative as a model of resilience and reaffirmed Pakistan’s commitment to joint afforestation and climate action for a sustainable future.

## Pakistan, Ethiopia Explore Climate Cooperation and Green Partnerships

ISLAMABAD (July 29, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, met with Ethiopian Ambassador H.E. Jemal Beker Abdulla to discuss collaboration on green initiatives and climate action.



**Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, held a meeting with Ms. Laura Jalasjoki, Country Representative of the Global Green Growth Initiative (GGGI).**

The Ambassador shared Ethiopia’s Green Legacy Initiative, highlighting large-scale afforestation, women’s empowerment, and sustainable practices. Dr. Malik emphasized youth-led climate innovation, citing Pakistan’s support for startups at the SDG Fair in Spain, and stressed integrated solutions for food security and sustainable resource use.

Both sides reaffirmed commitment to strengthening cooperation through afforestation, conservation, and climate-smart policies, aligning Ethiopia’s Green Legacy with Pakistan’s Green Pakistan Programme.





## Dr. Musadik Malik Orders 90-Day Policy Framework on GMO Soybean Meal



Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, chaired a high-level committee meeting to review the import and regulatory framework of GMO (Genetically Modified Organism) soybean meal in Pakistan on 28 July, 2025.

ISLAMABAD (July 28, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, chaired a high-level meeting to review the import and regulation of GMO soybean meal in Pakistan.

He stressed evidence-based decision-making, directing a comparative study on Pakistan’s low soybean yield and high production costs versus imports.

Biosafety concerns, including gene escape risks, were also discussed. A committee led by Prof. Kosar Abdullah Malik was tasked with holding a national conference within 10 days to engage experts for policy input.

The Minister directed that a comprehensive framework on biosafety, biotechnology, and regulation be finalized within 90 days to support sustainable agriculture and food security.

## Pakistan Calls for Climate Justice at COP-29 HoD Retreat in Azerbaijan

SHAMAKHI, AZERBAIJAN (July 25, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, represented Pakistan at the COP-29 Heads of Delegation (HoD) retreat in Shamakhi, Azerbaijan.



Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, represented Pakistan at the Heads of Delegation (HoD) retreat held in Shamakhi, Azerbaijan, on 25 July 2025.

In his address, Dr. Malik underscored the urgent need for climate justice, equity, and stronger cooperation between the Global North and South. Highlighting Pakistan’s acute vulnerability to climate change, he stressed the importance of scaling up climate finance, adaptation support, and technology transfer for developing nations. The Minister called for inclusive, transparent, and accessible climate financing mechanisms and urged developed countries to honour their

Paris Agreement commitments. He reaffirmed Pakistan’s commitment to a climate-resilient, sustainable future and its active role in shaping global climate policy.

The retreat provided a vital platform to build trust and consensus, reinforcing Pakistan’s resolve to advocate for a fair and effective international climate framework.





## Federal Minister Dr. Musadik Malik Meets COP-29 Leadership to Advance Global Climate Action

SHAMAKHI, AZERBAIJAN (July 23, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, held bilateral meetings with H.E. Mukhtar Babayev, President COP-29 and Special Envoy on Environment to the President of Azerbaijan, and H.E. Mr. Yalchin Rafiyev, Deputy Foreign Minister of Azerbaijan and COP-29 Lead Negotiator, on the sidelines of the COP Heads of Delegation Retreat in Shamakhi



**Federal Minister for Climate Change and Environmental Coordination Dr. Musadik Malik in a bilateral Meeting with H.E. Mukhtar Babayev, President COP-29 and Special Envoy on Environment to the President of Azerbaijan.**

The discussions centered on advancing global climate cooperation, with a focus on resilience, mitigation, and sustainable development. Both sides agreed on the urgency of coordinated international responses to the accelerating impacts of climate change.

Dr. Malik emphasized that while the Global South disproportionately faces climate-related losses, the Global North remains responsible for the bulk of historical and current emissions. He stressed the need for developed nations to fulfill climate finance commitments and

demonstrate leadership in emission reductions.

The meetings also reviewed opportunities for enhanced Pakistan–Azerbaijan collaboration in renewable energy, climate-smart agriculture, adaptation, and disaster risk reduction.

Dr. Malik reaffirmed Pakistan’s commitment to multilateral climate governance and expressed hope that COP-29 would deliver meaningful progress toward just, inclusive, and science-based climate action





## Experts Unite Under 'One Health Pakistan' to Tackle Climate-Linked Health Risks

ISLAMABAD (July 22, 2025) — Experts and policymakers at a high-level consultative meeting stressed the urgent need for a unified national strategy to address climate-linked health risks under the One Health Pakistan initiative.



**(ISLAMABAD, July 22, 2025) - Keynote speakers addressing a high-level consultative meeting held at the Comstec Conference Room and organised by Health Services Academy (MoNHS-R&C) in collaboration with the Ministry of Climate Change & Environmental Coordination (MoCC&EC) to advance the agenda of One Health Workforce Development for Pandemic Readiness in Pakistan.**

The meeting, organised by the Health Services Academy in collaboration with the Ministry of Climate Change and Environmental Coordination (MoCC&EC), brought together representatives from WHO, FAO, ADB, World Bank, WWF-Pakistan, and other organisations.

Keynote speakers included Federal Parliamentary Secretary for Health Dr. Nelson Azeem, Dr. Syed Mursalin (Pakistan One Health Alliance), Muhammad Asif Sahibzada (Director General Environment, MoCC&EC), and Dr. Shabana Saleem (Director General Health, Ministry of National Health Services). They called for stronger multisectoral coordination, early warning systems, and policy enforcement to curb zoonotic diseases and climate-induced health threats.

Dr. Tariq Mahmood Ali, National Coordinator of the One Health Project, highlighted the need to integrate human, animal, and

environmental health efforts. Muhammad Azim Khoso (Director Urban Affairs, MoCC&EC) proposed establishing dedicated One Health Units across federal and provincial departments, while Deputy Director and advocacy expert Muhammad Saleem Shaikh outlined a roadmap for stakeholder engagement, advocacy, and awareness.

International partners including WHO, FAO, ADB, World Bank, and WWF-Pakistan shared recommendations on policy innovation, workforce training, and cross-sectoral collaboration.

Participants reaffirmed their commitment to building climate-resilient health systems and pandemic preparedness, declaring One Health Pakistan a national imperative for a healthier, more secure future.



## Musadik Malik chairs meeting to finalise Monsoon Tree Plantation Campaign 2025

ISLAMABAD (July 21, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, chaired a high-level meeting of the Committee on the Monsoon Tree Plantation Campaign-2025 to finalise strategy and coordination mechanisms for the upcoming national plantation drive.



**Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, met with Parliamentary Secretary for the Ministry of Defense, Ms. Zeb Jaffer, along with several emerging green startups working on clean energy and carbon credits on July 18, 2025.**

Dr. Malik stressed August to October as the optimal planting season and called for timely mobilization, free distribution of saplings, and prioritization of native, climate-resilient species. He emphasized strict monitoring, inter-provincial coordination, and public awareness to ensure effective and sustainable outcomes.

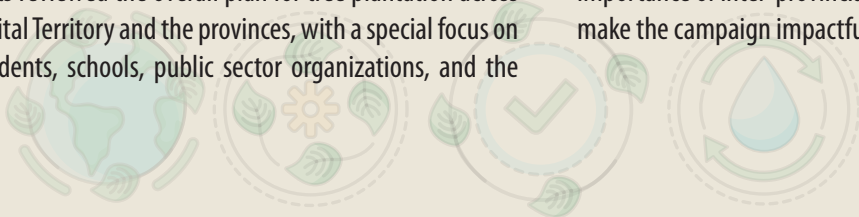
The session was attended by Secretary of the Ministry of Climate Change and Environmental Coordination, Ms. Aisha Humera Moriani; Secretary of Inter-Provincial Coordination, Mr. Mohyuddin Ahmad Wani; Members of the National Assembly Ms. Zahra Fatemi and Ms. Saba Sadiq; along with senior officers from relevant departments and stakeholders.

The participants reviewed the overall plan for tree plantation across Islamabad Capital Territory and the provinces, with a special focus on mobilising students, schools, public sector organizations, and the

general public. The Minister emphasized that August to October is the optimal window for plantation, and called for timely preparations to ensure full advantage of the monsoon season.

The meeting also deliberated on mechanisms for the free provision of saplings to ensure wider participation and accessibility. Emphasis was laid on planting native and climate-resilient species, which contribute positively to the regional ecosystem and avoid unintended environmental harm.

Dr. Musadik Malik underscored the urgency of not just planning but ensuring robust implementation, follow-up, and monitoring of plantation activities across all administrative levels. He stressed the importance of inter-provincial coordination and public awareness to make the campaign impactful and sustainable.





## Musadik Malik reaffirms govt's commitment to land restoration on World Day to Combat Desertification and Drought

ISLAMABAD (June 17, 2025) — Senator Musadik Masood Malik, Federal Minister for Climate Change and Environmental Coordination, has called for united and urgent action to combat land degradation and water scarcity as Pakistan joins the global community in observing the World Day to Combat Desertification and Drought.



**Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, chaired a high-level meeting of the Committee on the Monsoon Tree Plantation Campaign. 21st July, 2025**

Marked every year on June 17, this year's theme — "Restore the Land. Unlock the Opportunities" — emphasizes the role of land restoration in promoting sustainable development, enhancing climate resilience, and generating economic and social benefits for communities. In his message on the occasion, Minister Malik underscored the critical importance of land to Pakistan's national well-being.

"Land is the foundation of our food and water security, biodiversity, and rural livelihoods. Yet, nearly half of Pakistan's land area is affected by degradation due to deforestation, overgrazing, salinity, waterlogging, and unplanned urban expansion," he stated.

Highlighting the impacts of climate change, he warned that increasing droughts, wildfires, and floods are putting even more

pressure on already fragile ecosystems. "The catastrophic floods of 2022 and frequent dry spells serve as stark reminders of the risks we face, with over 80% of our territory situated in arid and semi-arid zones," he added.

Despite these challenges, the minister affirmed that Pakistan remains steadfast in its commitment to land restoration and sustainable land management. He cited the ecological and cultural importance of Pakistan's desert regions — including Thar, Cholistan, and Kharan — and praised the resilience of the communities who inhabit them. He also spotlighted Pakistan's globally recognized success in mangrove restoration, noting a 300% increase in mangrove cover since 1990.

"This achievement makes Pakistan the only country in the region to have reversed

mangrove deforestation — a vital contribution to coastal protection, fisheries sustainability, and climate mitigation," Malik said. To support these efforts, Pakistan has implemented key policy instruments such as the National Climate Change Policy, National Adaptation Plan, and the Land Degradation Neutrality (LDN) Target Setting Programme. A comprehensive National Drought Plan has also been developed to enhance the country's readiness to face future droughts.

Internationally, Pakistan remains a proactive member of the United Nations Convention to Combat Desertification (UNCCD) since 1997. Minister Malik reiterated Pakistan's support for the outcomes of COP16, held in Riyadh in 2024, and praised regional initiatives like the Riyadh Partnership for Green Sustainability and the Middle East Green Initiative.



## Breaking Indus Treaty Will Erode Global Trust, Warns Musadik Malik



Federal minister for Climate Change Dr. Musadik Malik addresses a press conference in Islamabad, emphasizing the importance of upholding the Indus Waters Treaty to ensure regional stability and global trust. on July 18, 2025.

ISLAMABAD (July 17, 2025) — Federal Minister for Climate Change and Environmental Coordination Dr. Musadik Malik cautioned that any violation of the Indus Waters Treaty (IWT) would threaten regional stability and erode global confidence in international agreements.

Speaking at a policy roundtable on IWT challenges at the National Centre for Rural Development, Dr. Malik said unilateral actions by India would set a “dangerous precedent” undermining all global treaties. He stressed that water security is not just a regional issue but a matter of global peace and fundamental human rights. “The world must understand—over 70% of nations are lower riparian states. If this treaty is disregarded, it signals a wider denial of downstream rights,” he warned.

Dr. Malik reaffirmed Pakistan’s capacity to respond decisively and called for global solidarity to safeguard shared water resources and uphold international law.

The roundtable brought together policymakers, experts, civil society, and international representatives for urgent dialogue on water security and regional cooperation.

## Pakistan, SPAR6C Team Up to Boost Carbon Market Readiness

ISLAMABAD (July 15, 2025) — Federal Minister for Climate Change and Environmental Coordination Dr. Musadik Malik met a delegation from SPAR6C, a UNEP-led initiative, to advance Pakistan’s preparedness for international carbon markets under Article 6 of the Paris Agreement.



A delegation from SPAR6C called on Minister for Climate Change and Environmental Coordination Dr. Musadik Malik in Islamabad

The five-year SPAR6C programme (2022–2027) supports Pakistan, Colombia, Thailand, and Zambia in building capacity for carbon trading. Discussions focused on linking student sponsorships and research with national carbon market initiatives, as well as evaluating upcoming carbon trading projects.

Dr. Malik reaffirmed Pakistan’s commitment to developing a transparent and inclusive carbon market and stressed stronger collaboration with international partners and the private sector to drive sustainable economic growth.



## Pakistan seeks Saudi support for desert reclamation, afforestation projects amid climate worries

ISLAMABAD (July 11, 2025) — Pakistan's Climate Change Minister Musadik Malik has said that his ministry is seeking Saudi Arabia's support for comprehensive climate projects that include desert reclamation, afforestation and carbon offset initiatives, amid Islamabad's efforts to deal with climate-related challenges.



Pakistan has 4.2 million hectares of forest and planted trees, which equates to 4.8 percent of its total land area, according to the United Nations' Food and Agriculture Organization. The country is currently focusing on combating desertification through afforestation, water management and sustainable agricultural practices.

Saudi Arabia, on the other hand, is playing a leading role in global climate action and launched in 2021 the Middle East Green Initiative (MGI) that aims to mitigate climate change impacts by raising \$10.4 billion for clean energy, planting 50 billion trees and restoring degraded lands spanning 200 million hectares in the Middle East and North Africa (MENA) region.

In February 2022, the two brotherly countries signed a memorandum of understanding (MoU) to cooperate in nine environmental areas, including pollution control, nature protection, forestry, biodiversity, desertification, hazardous waste management, marine conservation, air quality monitoring and environmental training exchanges. "I am going to work directly with them [Saudi Arabia] on climate initiatives, on claiming deserts, on building forests, and on [carbon] offsetting," Malik told Arab News in an interview on Thursday. "I just need a little bit more time to put a package together."

He said Saudi Arabia had always extended its unwavering support to Pakistan and he would soon visit the Kingdom to discuss climate collaboration between the two nations.

"It's on my table right now to put together those projects with carbon offsets, or whatever those initiatives are, and take them there, which are viable, real, doable and meaningful," Malik said.

Pakistan, home to over 240 million people, is consistently ranked among the countries most vulnerable to climate change and has seen erratic changes in its weather patterns, which have led to frequent heatwaves, untimely rains, floods, storms, cyclones and droughts in recent years. Malik said his ministry was working on green mobility and recycling initiatives in partnership with Gulf Cooperation Council (GCC) countries, particularly the United Arab Emirates (UAE), to drive climate action to benefit the poor. They have sent me a letter about starting a movement on behalf of the entire world south... moving the recycling kind of revolution in a manner which serves the poor people of Pakistan," he said. In 2022, deadly floods submerged a third of Pakistan, claimed more than 1,700 lives and affected 33 million people, causing more than \$30 billion in economic losses.

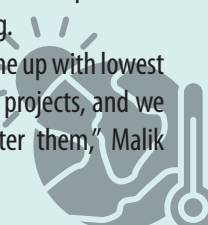
So far this monsoon season, which began in late June, at least 87 people have been killed and 149 others injured in rain-related incidents across Pakistan, with the death toll expected to rise further as heavy rains continue to batter the South Asian nation. But Malik believed the country was unlikely to face flood-like conditions similar to 2022 as the climate patterns showed a "balancing effect" between glacier melt and rainfall. "Where the melting is increasing, the rainfalls are projected to decrease," he said. "The signs, the projections that we have seen, the numbers that we have seen, basically show that hopefully we would have a good, decent, and manageable year."

Speaking of Pakistan's early warning systems, the minister acknowledged "serious gaps" in the mechanisms despite previous investments, saying efforts were underway to fix deficiencies that hinder timely disaster alerts. "The early warning systems, after all of the investments that we've done... they are not able to give us warning in a timely manner... those systems are not working," he said.

Asked about international climate funding to Pakistan post-2022 floods, Malik said the funding was declining due to Pakistan's "limited absorptive capacity and lack of impactful projects." "We did not have a lot of absorptive power and even when funding was available, we did not come up with enough projects," he said, adding that the country could only draw around \$50-\$70 million despite \$500 million commitments.

He said his ministry had engaged youngsters from environmental sciences background to develop ideas, projects & startups to help attract international funding. "We are going to come up with lowest cost, highest impact projects, and we are going to go after them," Malik added.

"We are going to come up with lowest cost, highest impact projects, and we are going to go after them," Malik added.





## Pakistan Moves to Frame National E-Waste Policy under Basel Convention, Baseline Study Urged

ISLAMABAD (July 8, 2025) — The Ministry of Climate Change & Environmental Coordination (MoCC&EC) has launched efforts to tackle Pakistan's mounting electronic waste (e-waste) challenge by forming its first working group to draft a national e-waste management framework, aligned with the Basel Convention.



Ministry of Climate Change & Environmental Coordination's Additional Secretary, Mr. Zulfiqar Younas chairing a high-level meeting of the Working Group on E-Waste Management held in Islamabad on July 8, 2025.

Chaired by Additional Secretary MoCC&EC, Zulfiqar Younas, the high-level consultative meeting underlined the urgent need for legislation, investment in formal recycling systems, and public awareness to counter the unsafe handling and informal recycling practices dominating the country's e-waste landscape. "Despite the rapidly growing volume of e-waste, Pakistan lacks comprehensive baseline data on its sources, composition, and handling. Without this, effective policymaking and sustainable infrastructure remain impossible," Younas stressed, calling for an immediate baseline study to map the lifecycle of electronic products, identify hotspots, and assess environmental and health impacts.

Director General (Environment & Climate

Change) Asif Sahibzada presented the policy gaps and shared terms of reference (TORs) for the newly-constituted working group of government officials, policy experts, academia, and private sector representatives. The group will draft a national e-waste framework, recommend governance mechanisms, and propose regulations to close institutional gaps.

"Pakistan generates nearly 500,000 tons of e-waste annually, and the absence of formal recycling and collection systems has turned it into a serious environmental and public health hazard," Sahibzada warned.

Dr. Zaigham Abbas, Director Pak-EPA, reminded participants that as a Basel Convention signatory, Pakistan must regulate hazardous waste, including e-waste. He said

technical guidelines developed under the Convention will help Pakistan classify and manage e-waste responsibly while regulating informal practices. "The Ministry is advocating for a comprehensive national e-waste strategy that ensures environmentally sound disposal and resource recovery," Abbas added. Highlighting the urban dimension, Muhammad Azeem, Director (Urban Affairs) MoCC&EC, said major cities are becoming dumping grounds for discarded electronics due to rising digitalisation and the absence of disposal systems. "Mobile phones, TVs, computers, and appliances are being dumped or burned in unsafe, informal setups, escalating risks to both people and the environment," he said.





## Pakistan Pushes for Accelerated EV Adoption: MoCC&EC, Industry Leaders Chart Roadmap

ISLAMABAD (July 4, 2025) — The Ministry of Climate Change and Environmental Coordination (MoCC&EC) convened a high-level consultative meeting with electric vehicle (EV) manufacturers and government stakeholders to fast-track Pakistan's transition to electric mobility



**Secretary Ministry of Climate Change & Environmental Coordination chairing a high-level Consultative Meeting for Promotion of Electric Vehicles in Pakistan held in the Ministry of Climate Change & Environmental Coordination in Islamabad.**

Chaired by Secretary MoCC&EC, Ms. Aisha Humera Moriani, the session focused on scaling up charging infrastructure, expediting motorcycle retrofitting, and introducing consumer financing schemes to make EVs more accessible. The deliberations aligned with Pakistan's Nationally Determined Contributions (NDCs), which commit the country to 30% EV adoption by 2030 as part of its efforts to reduce emissions, tackle smog, and promote sustainable transport. The meeting was attended by senior officials, including Mr. Zulfiqar Younas, Additional Secretary MoCC&EC; Mr. Asif Saeed Khan, Additional Secretary, Ministry of Industries and Production; Mr. Khuda Bakhsh Ali, CEO, Engineering Development Board; Mr. Muhammad Asif Sahibzada, Director General (Env. & CC); and Mr. Muhammad Azeem Khoso, Director (Urban Planning), MoCC&EC, alongside representatives of

leading EV manufacturers and importers. Industry participants raised concerns over limited charging facilities and the high upfront cost of EV ownership. They urged investment in modern charging stations, particularly along highways and motorways, to support mass adoption. Responding, Secretary Moriani said: "Inadequate EV charging infrastructure, particularly in urban areas, is a major barrier. Without significant investment in this area, the transition to electric mobility will remain out of reach." DG (Env. & CC), Mr. Muhammad Asif Sahibzada, underscored the potential of retrofitting: "Pakistan has over 37 million fuel-powered vehicles, including 28.7 million petrol motorcycles. Standardized retrofitting offers a cost-effective, scalable solution, especially in the motorcycle segment, which dominates our transport landscape."

The Secretary further stressed the urgency of developing a regulatory framework on retrofitting to ensure safety and quality standards. She also called for reducing reliance on imported Completely Built Units (CBUs) and encouraging local assembly of Completely Knocked Down (CKD) EVs: "Promoting CKD production will lower costs, strengthen domestic industry, and generate green jobs."

Director (Urban Planning) Muhammad Azeem Khoso added that electrifying two-wheelers would significantly reduce fuel costs and emissions, aligning with the Prime Minister's Green Pakistan vision.

The meeting concluded with consensus on forming a joint working group of government officials, industry representatives, and financial institutions to design practical pathways for scaling EV adoption in Pakistan.



## Minister Musadik Malik advocates for climate-resilient financing at UN FfD4 side event in Spain



Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, participated in the FfD4 side event titled "Swapping out Debt for Development: The DSC Financing Approach", held in Seville, Spain.

ISLAMABAD (July 3, 2025) — Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, participated in the FfD4 side event titled "Swapping out Debt for Development: The DSC Financing Approach", held in Seville, Spain.

The Minister joined the session alongside Pakistan's Federal Minister for Finance, Mr. Muhammad Aurangzeb, and Minister of State for Climate Change and Environmental Coordination, Ms. Shezra Mansab Ali Khan. Participants deliberated on innovative financial approaches to align debt relief with investments in climate resilience and development priorities. During the session, Dr. Musadik Malik discussed the need for climate-resilient projects and emphasised the importance of exploring avenues for green energy production, particularly solar energy.

He also highlighted the potential of oceans and rivers as untapped resources that could contribute meaningfully toward sustainable development.

## Pakistan Showcases Pakistan's Green Financing Potential at Seville Forum

ISLAMABAD (July 1, 2025) — Federal Minister for Climate Change and Environmental Coordination Dr. Musadik Malik showcased Pakistan's green financing potential at a high-level panel discussion in Seville, Spain.



Federal Minister for Climate Change and Environmental Coordination, Dr. Musadik Malik, participated in a high-level panel discussion titled "Bankable Pakistan: Impact Investments and Green Financing Solutions for Economic Transformation" held in Seville, Spain.

Speaking at "Bankable Pakistan: Impact Investments and Green Financing Solutions for Economic Transformation", Dr. Malik stressed the need to scale up climate-aligned investments to spur sustainable development.

Minister of State Ms. Shezra Mansab Ali Khan also attended the session, where global participants explored impact-based green solutions and opportunities for Pakistan's economic transformation.



Ministry of Climate Change &  
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GOVERNMENT OF PAKISTAN

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