



Decade of **defiance**

Ten years of reporting land and environmental activism worldwide

September 2022

Decade of Defiance

Ten years of reporting land and environmental activism worldwide

List of 2021 victims	4
Foreword from Dr Vandana Shiva	6
Message from our CEO, Mike Davis	7
Kenya case study	8
A global analysis – 2021	9
Top findings – 2021	10
Accounting for over half of the 2021 attacks: Mexico, Colombia and Brazil	12
India case study	14
A decade of killings globally	16
Over half of the attacks over a decade: Brazil, Colombia, Philippines	18
Canada case study	20
What is enabling attacks against Land and Environmental Defenders?	23
Mexico case study	27
State of play ten years on	29
Brazil case study	30
Colombia case study	31
Victories for people – and the planet	34
Recommendations	36
Methodology	38
Acknowledgements	40

This report, and our campaign, is dedicated to all those individuals, communities and organisations that are bravely taking a stand to defend human rights, their land, and our environment. 200 of them were murdered in 2021 for doing just that.

We remember their names, and celebrate their activism.

ARGENTINA

Elías Garay

BOLIVIA

Lino Peña Vaca

BRAZIL

Aldenir dos Santos Macedo

Alex Barros Santos da Silva

Amaral José Stoco Rodrigues

Amarildo Aparecido Rodrigues

Ângelo Venicius Henrique Mozer

Antônio Gonçalves Diniz

Eliseu Pedroso

F.S.S.

Fernando dos Santos Araújo

Getúlio Coutinho dos Santos

Isac Tembé

Jerlei

João de Deus Moreira Rodrigues

José do Carmo Corrêa Júnior

José Francisco de Souza Araújo

José Vane Guajajara

Kevin Fernando Holanda de Souza

Marcelo Chaves Ferreira

Maria da Luz Benício de Sousa

Maria José Rodrigues

Rafael Gasparini Tedesco

Reginaldo Alves Barros

Roberto Muniz Campista

Roberto Pereira da Silva Pandolfe

Sidinei Floriano Da Silva

Wagner Romão da Silva

CHILE

Jordan Liempi Machacan

COLOMBIA

Ángel Miro Cartagena

Argenis Yatacué

Aura Esther García Peñalver

Cristian Torres Cifuentes

Danilo Torres

Dilio Bailarín

Edwin Antonio Indaburo

Efrén España

Fermiliano Meneses Hoyos

Fredy Pestana Herrera

Gonzalo Cardona Molina

Ilia Pilcué Yule

Jaime Enrique Basilio Basilio

Jair Adán Roldán Morales

Jhon Alberto Pascal

Jhon Edward Martinez

John Albeiro Paí Pascal

José Riascos

José Santos López

Juana Panesso Dumasá

Luis Alfonso Narváez Escobar

Marcelino Yatacué Ipia

Marcos Fidel Camayo Guetio

Nazaria Calambás Tunubalá

Noel Corsini Zúñiga

Rafael Domicó Carupia

Remberto Arrieta Bohórquez

Rogelio López Figueroa

Sandra Liliana Peña Chocué

Víctor Orlando Mosquera

Wilson de Jesús López

Yarley Margarito Salas

Yordan Eduardo Guetio

DEMOCRATIC REPUBLIC OF THE CONGO

Alexis Kamate Mundunaenda

Emery Bizimana Karabaranga

Eric Kibanja Bashekere

Etienne Mutazimiza Kanyaruchinya

Innocent Paluku Budoyi

Prince Nzabonimpa Ntamakiro

Reagan Maneno Kataghalirwa

Surumwe Burhani Abdou

ECUADOR

Andrés Durazno

Nange Yeti

Víctor Enrique Guillas Gutama

GABON

Jean François Ndong Abaume

GUATEMALA

Alberto Tec Caal

Emilio Aguilar Jiménez

Ramón Jiménez

Regilson Choc Cac

HONDURAS

Celenia Bonilla

David Fernando Padilla

Juan Carlos Cerros Escalante

Juan Manuel Moncada

Martín Abad Pandy

Nelson García

Óscar Javier Pérez

Víctor Martínez

INDIA

Kawasi Waga

Daljeet Singh

Gurvinder Singh

Lavepreet Singh

Maynal Haque

Nakshatra Singh

Saddam Husaain

Sheikh Farid

Stan Swamy

T Shridhar

Uika Pandu

Ursa Bhima
Venkatesh S
Vipin Agarwal

KENYA

Joannah Stutchbury

MEXICO

Alejandro García Zagal
Artemio Arballo Canizalez
Benjamín Pórtela Peralta
Braulio Pérez Sol
Carlos Marqués Oyorzábal
David Díaz Valdez
Donato Bautista Avendaño
Fabián Sombra Miranda
Fabián Valencia Romero
Federico de Jesús Gutiérrez
Fidel Heras Cruz
Flor de Jesús Hernández
Gerardo Mendoza Reyes
Gustavo Acosta Hurtado
Heladio Molina Zavala
Irma Galindo Barrios
Isaías Elacio Palma
Isidoro Hernández
Jacinto Hernández Quiroz
Jaime Jiménez Ruiz
Jesús Solórzano Díaz
Jordán Terjiño Luna
José Ascensión Carrillo Vázquez
José de Jesús Robledo Cruz
José de Jesús Sánchez García
José Santos Isaac Chávez
Juan Justino Galaviz Cruz
Lea Juárez Valenzuela
Leobardo Hernández Regino
Leocadio Galaviz Cruz
Luis Urbano Domínguez Mendoza

Manuel Cartas Pérez
Manuel Hidalgo Vázquez
Marcelino Álvarez González
Marco Antonio Arcos Fuentes
Marco Antonio Jiménez de la Torre
Marcos Quiroz Riaño
María de Jesús Gómez Vega
Martín Hurtado Flores
Mayolo Quiroz Barrios
Miguel Bautista Avendaño
Narciso López Vasquez
Noé Robles Cruz
Oliverio Martínez Merino
Pedro Lunez Pérez
Ramiro Rodríguez Santiz
Ramiro Ventura Apolonio
Raymundo Robles Riaño
Rodrigo Morales Vázquez
Rolando Pérez González
Simón Pedro Pérez López
Tomás Rojo Valencia
Vicente Suástegui Muñoz
Víctor Manuel Vázquez de la Torre

NICARAGUA

Albert Jairo Hernández Palacio
Armando Pérez Medina
Armando Suarez Matamoros
Bonifacio Dixon Francis
Borlan Gutiérrez Empra
Dolvin Acosta
J.L.P. or J.R.B
Jaoska Jarquín Gutiérrez
Kedelin Jarquín Gutiérrez
Martiniano Julián Macario Samuel
Morgan Pantin
Ody James Waldan Salgado
Romel Simon Kely

Sixto Gutiérrez Empra
Víctor Manuel Matamoros Morales

PERU

Estela Casanto Mauricio
Herasmo García Grau
Lucio Pascual Yumanga
Luis Tapia Meza
Mario Marco López Huanca
Santiago Meléndez Dávila
Yenes Ríos Bonsano

PHILIPPINES

Abner Esto
Ana Marie Lemita-Evangelista
Angel Rivas
Antonio “Cano” Arellano
Ariel Evangelista
Edward Esto
Emanuel Asuncion
John Heredia
Joseph Canlas
Juan Macababbad
Julie Catamin
Lenie Rivas
Mark Lee Bacasno
Melvin Dasigao
Puroy Dela Cruz
Randy Dela Cruz
Romeo Loyola Torres
Steve Abua
Willy Rodriguez

VENEZUELA

Carmen Lusdary Rondón
Miguel Antonio Rivas Morales
Nelson Martín Pérez Rodríguez
Wilmer José Castro

Foreword from Dr Vandana Shiva



Influential scientist, activist and author Dr Vandana Shiva has spent decades fighting to protect biological and cultural diversity. *Everett Collection Inc / Alamy Stock Photo .*

I could tell you that, around the world, three people are killed every week while trying to protect their land, their environment, from extractive forces. I could tell you that this has been going on for decades, with the numbers killed in recent years hitting over 200 each year. And I could tell you, as this report does, that a further 200 defenders were murdered in the last year alone. But these numbers are not made real until you hear some of the names of those who died.

Marcelo Chaves Ferreira. Sidinei Floriano Da Silva. José Santos López. Each of them a person loved by their family, their community. Jair Adán Roldán Morales. Efrén España. Eric Kibanja Bashekere. Each of them considered expendable for the sake of profit. Regilson Choc Cac. Ursa Bhima. Angel Rivas. Each killed defending not only their own treasured places, but the health of the planet which we all share.

It's important to picture these victims as the real people they are. It's easier for me. I have been surrounded by Land and Environmental Defenders all my life, and indeed I am one of them. It started for me in the Garhwal Himalaya in India, where my father was a forest conservator and my mother a farmer. Industrial logging was destroying the ecosystem in which we as humans were intertwined. We knew, intimately, that the value of the Himalayan forest was not to be found in the price of its timber, but in the way its extraordinary, abundant diversity sustains all forms of life – not least our own. And so we put ourselves in the way of the commercial deforesters.

By doing so, we weren't just putting ourselves in danger. We were confronting a whole viewpoint – a way of seeing nature as something not to be cherished and protected, but to be conquered and subdued. This is a viewpoint with its roots in the Western industrial revolutions of the 19th century, or even further back in the scientific theory of the Western so-called 'Enlightenment'. It matters that this viewpoint originated in the West. As this report shows, nearly all of the murdered environmental and land defenders are from the Global South, and yet it is not the Global South that reaps the supposed economic 'rewards' of all this violence.

The final, saddest truth is that this viewpoint has brought us to the brink of collapse. We are not just in a climate emergency. We are in the foothills of the sixth mass extinction, and these defenders are some of the few people standing in the way. They don't just deserve protection for basic moral reasons. The future of our species, and our planet, depends on it.

That's why it's so important to support the call, made in this report by Global Witness, for real protections to be afforded those on the frontline of this ecological and humanitarian catastrophe. These are the people who understand, at the most fundamental level, how the fate of humanity is entwined in the fate of the natural places they are defending. It's why they are prepared to risk everything to defend these places. And it's why they, more than anyone, deserve protection.

That means national and supranational governments committing to report and investigate these murders, and ultimately to serve justice on the culprits. It means governments ensuring protections for defenders, including reporting and investigating their murders as a means to access justice. It means companies ensuring their operations do not cause harm. And of course it means all of us continuing to shine a light on these stories, not just to remember those who have fallen but to continue their urgent work by telling the world exactly why they are dead.

In 2021, 200 people were killed protecting their homes and their rights. I urge you to read all their names. To honour the dead with your attention. To get angry on their behalf, and then to act.

Message from our CEO, Mike Davis

Almost exactly ten years ago, I was in a meeting at our office in London. A colleague came and called me out of it to give me a message. But she was struggling to form the words she wanted to say. I became worried. When the words did come, I learned that one of my former colleagues in Cambodia – a member of the team I was part of there some years before – had been killed.

That former colleague was a man called Chut Wutty. When he and I worked together in Cambodia, he was investigating illegal logging. When we closed our office – because of threats to our local staff relating to their efforts to protect forest defenders – Wutty went on to form his own organisation. He had also become – unexpectedly – a leader to community activists trying to protect their forests, which were also their homes and their livelihoods. Now Wutty was dead, hit by a bullet fired during a confrontation with members of the security forces and guards employed by the company he was investigating for illegal logging and land seizures. The government swiftly embarked on a cover-up.

While we at Global Witness were familiar with the targeting of our partners as they were defending their land and environment, the murder of our former colleague, Wutty, prompted us to confront a range of questions. What was the global picture, what were the implications of such attacks and what could be done to prevent them?

All over the world, Indigenous peoples and environmental defenders risk their lives for the fight against climate change and biodiversity loss. Activists and communities play a crucial role as a first line of defence against ecological collapse, as well as being frontrunners in the campaign to prevent it. This report aims to share reflections on how we think about these questions now – ten years on from Wutty's death – and makes an urgent appeal for global efforts to protect and reduce attacks against defenders.

Chut Wutty walks in Koh Kong province. Wutty, a prominent Cambodian anti-logging activist who helped expose a secretive state sell-off of national parks was fatally shot on April 25, 2012 in a remote southwestern province. *REUTERS / Alamy Stock Photo*



Kenya

She was just a normal woman, but her legacy will shine a light



Environmental activist Joannah Stutchbury attempting to defend the Kiambu forest in Nairobi, Kenya from a developer. JOANNAH STUTCHBURY/Facebook page

Joannah had tree sap running through her veins. She was a tree lover, a permaculture practitioner, a full-on environmentalist and conservationist, a mum and an earth mother. She had an ardent and unwavering passion for the planet, and was wonderfully bonkers. She was full of life and joie de vivre. She was shot dead as she returned to her home on the outskirts of Nairobi in Kenya in July 2021.

For many years Joannah had spoken out with passion and determination against land-grabbers and well-known private developers who had begun destroying the Kiambu forest next to where she lived. She made headlines in 2018 when she single-handedly confronted those that were felling trees and, in the months before she was killed, she had rightfully won a legal case against a developer wanting to build on the forested land.

On the day of the incident, she stopped her car to clear branches that had been purposefully put there to block her driveway. Neighbours found her dead with her car engine still running. I'm praying she didn't see it coming and that she didn't suffer, but it looks like this extraordinary woman was targeted to be murdered.

We also know she was receiving multiple death threats. One time, I recall her telling me that unknown men had visited her to tell her they would kill her if she continued disrupting their plans to construct an access road through the forest. Despite this, she received absolutely no police protection. But that didn't stop her. She continued to fight for what she believed in. For what we should all believe

in. Still to this day, her bravery and determination is what shines through all the sadness.

I often ask myself in despair – how many more environmentalists protecting our planet are going to have their life force ripped away before governments start paying attention and finally stand shoulder to shoulder with these brave pioneers? Legislation and enforcement are needed globally to hold accountable greedy corporates, corrupt authorities, thoughtless land grabbers and those whose very existence is propelled by indiscriminate blood money.

Joannah was an exceptional soul – a noisy, wonderful, troublesome woman on a mission to protect the world in countless ways. But she was also a normal, everyday person, just like you and me. She had no agenda other than living sustainably, sharing her knowledge, taking care of forests locally and worrying about the existential climate crisis. And she loved Mother Nature to the max. We will forever mourn what we and the world have lost.

Recommendations

The government of Kenya should:

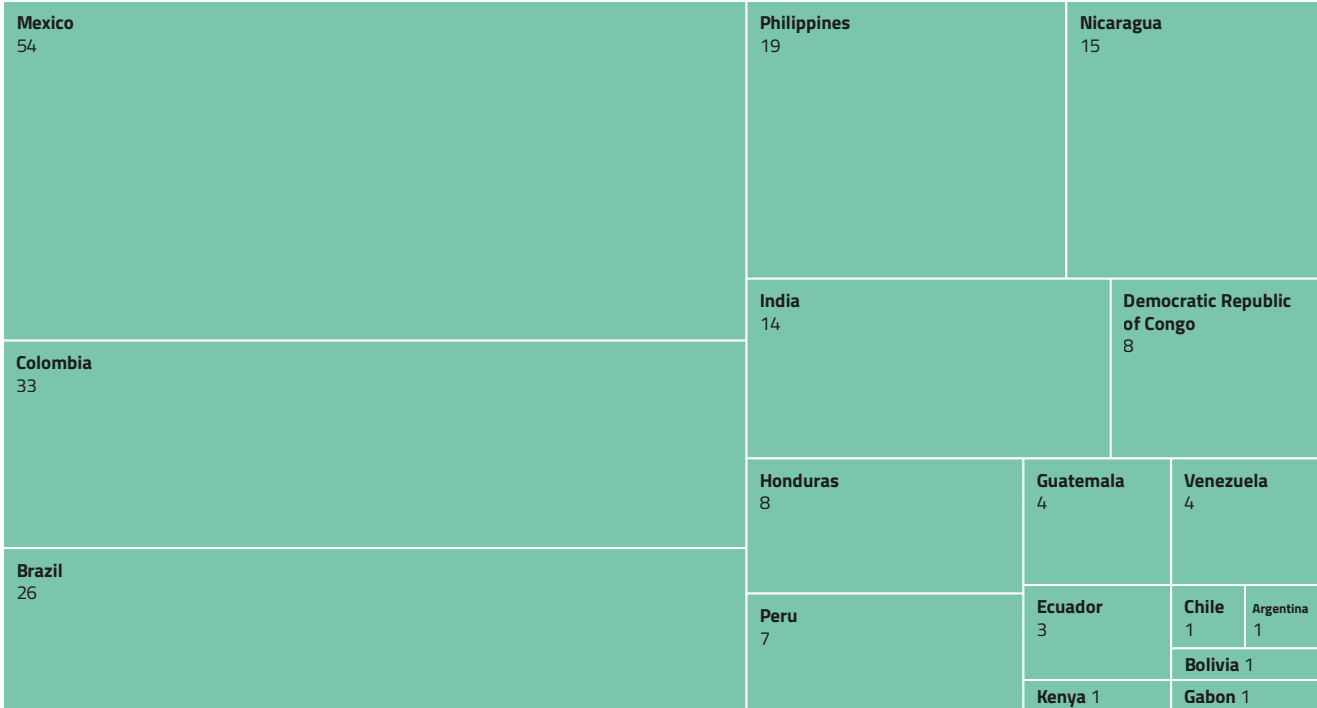
- > Ensure that those responsible for the murder of Joannah Stutchbury are brought to justice.
- > Recognise the rights of Indigenous peoples and local tree-planting communities as a critical and effective way to protect forests, including the Kiambu Forest.
- > Protect Land and Environmental Defenders by ensuring effective and robust regulatory protection of the environment, land rights, Indigenous peoples' rights, livelihoods and cultures, including to free, prior and informed consent.
- > Withdraw the proposed Amendment Bill to the Forest Conservation and Management Act of 2016. The proposed amendment would weaken the governance mechanisms of Kenya's public forests, open avenues for the grabbing of public forest land and lead to the loss of forests.
- > In conjunction with discussions with Indigenous people and tree-planting communities, create an advisory panel that includes climate scientists, meteorologists and environmental NGOs. They can all contribute experience and share data about what lies ahead, as the blueprint to mitigate climate chaos and global warming is created.

Tracey West, CEO of Word Forest

A global analysis – 2021

200 land and environmental defenders were killed in 2021

Total number of documented killings per country



Number of documented killings per industry driver



*The majority of these cases were related to land conflicts, including those related to illegal crops and changes in land ownership. Land is a key driver of the attacks against defenders, however in many cases the economic motives behind land-related violence are not reported on.

Top findings – 2021

Global Witness recorded that 200 Land and Environmental Defenders were killed in 2021 – **nearly four people a week**. These lethal attacks continue to take place in the context of a wider range of threats against defenders who are being targeted by government, business and other non-state actors with violence, intimidation, smear campaigns and criminalisation. This is happening across every region of the world and in almost every sector.¹

Mexico was the country with the highest recorded number of killings, with defenders killed every month, totalling 54 killings in 2021, up from 30 the previous year. Over 40% of those killed were Indigenous people, and over a third of the total were forced disappearances, including at least eight members of the Yaqui community.

Whilst Brazil and India both saw a rise in lethal attacks from 20 to 26, and from 4 to 14 respectively, **both Colombia and the Philippines saw a drop in killings** to 33 in 2021 from 65, and 19 from 30 in 2021 respectively. Yet overall they remain two of the countries with the highest numbers of killings in the world since 2012.

Over three-quarters of the attacks recorded took place in Latin America. In Brazil, Peru and Venezuela, 78% of attacks took place in the Amazon.

Global Witness documented 10 killings in Africa. The Democratic Republic of Congo remained the country with the highest number of attacks – eight defenders were killed there in 2021. All eight of these killings were in Virunga National Park, which remains extremely dangerous for the park rangers protecting it. Verifying cases from across the continent continues to be difficult and it is possible cases are widely unreported.

Where a sector could be identified, just over a quarter of lethal attacks were reportedly linked to resource exploitation – logging, mining and large-scale agribusiness – and hydroelectric dams and other infrastructure. However, this figure is likely to be higher as the reasons behind attacks on Land and Environmental Defenders are often not properly investigated nor reported on. In the majority of cases where a sector could not be identified, land conflicts were found to be a key driver of the attacks

A nun holds a photo of Herasmo García Grau, a defender and Indigenous leader as activists gather in Peru. Herasmo was kidnapped and killed by persons linked to drug trafficking, and illegal logging. *Carlos García Granthon/Fotoholica Press/LightRocket via Getty Images*





Virunga National Park guards stand guard in Rutshuru territory, north of Goma in eastern Democratic Republic of Congo on April 1, 2022. Eight Virunga park rangers were killed in 2021. ALEXIS HUGUET/AFP via Getty Images

against defenders. However, in many cases the economic motives behind land-related violence are not reported. Mining was the sector linked to the most killings with 27 cases – with the majority of attacks taking place in Mexico (15), followed by the Philippines (6), Venezuela (4), Nicaragua (1) and Ecuador (1).

In 2021 the disproportionate number of attacks against Indigenous peoples continued once again, with over 40% of all fatal attacks targeting Indigenous people, despite them only making up 5% of the world’s population. These were documented predominantly across Mexico, Colombia, Nicaragua, Peru and the Philippines.

Global Witness recorded 12 mass killings, including three in India and four in Mexico. In Nicaragua, criminal groups massacred 15 Indigenous and land rights defenders as part of systematic and widespread violence against the Miskitu and Mayangna Indigenous peoples.²

50 of the victims killed in 2021 were small-scale farmers, highlighting how the relentless commodification and privatisation of land for industrial agriculture is putting small-scale farmers increasingly at risk as land deals ignore local tenure rights. Small-scale family agriculture, on which most of the world’s rural poor still depend, is threatened by large-scale plantations, export-led agriculture and the production of commodities over food.

Around 1 in 10 of the defenders recorded killed in 2021 were women, nearly two-thirds of whom were Indigenous.

Gender-based violence rooted in misogyny and discriminatory gender norms is disproportionately used against women environmental and human rights defenders to control and silence them, and suppress their power and authority as leaders.

Escazú Agreement

On 22 April 2021, the ‘Regional Agreement on Access to Information, Public Participation and Justice in Environmental Matters in Latin America and the Caribbean’ – also known as the Escazú Agreement – entered into force.³ It is the first regional environmental and human rights treaty in Latin America and the Caribbean, and the first legally binding instrument in the world to include provisions on environmental defenders. The Escazú Agreement guarantees the right to access environmental information and participate in environmental decision-making. Most significantly, it also requires states to prevent and investigate attacks against environmental defenders.⁴ At the time of writing, key countries that are dangerous for defenders, such as Brazil and Colombia, have not yet ratified the Escazú Agreement, while others such as Mexico – which have ratified it – are yet to effectively implement it.⁵

Compostela Farmers Association chair Noli Villanueva is in hiding following the killings of five of his colleagues by unidentified gunmen after protesting the entry of AgPet mining in Compostela town. *Global Witness*



Accounting for over half of the 2021 attacks: Mexico, Colombia and Brazil

For the third year in a row, Global Witness documented an increase in lethal attacks in **Mexico** – 54 defenders were killed in 2021, almost half of them Indigenous people. Conflicts over land and mining were each linked to two-thirds of lethal attacks. Around two-thirds of the killings were concentrated in the states of Oaxaca and Sonora, both of which have significant mining investments.

The country has risen rapidly over the last ten years as one of the most dangerous places for Land and Environmental Defenders, with 154 documented cases over this period. The majority of killings (131) took place between 2017 and 2021 alone.

Forced disappearances are common – Global Witness recorded 19 in 2021. They are carried out by corrupt state officials and organised criminal groups, and send a chilling effect through families and communities.⁶ In September 2021, officials discovered six sets of human remains near Yaqui territory in southern Sonora, Mexico, suspected of belonging to some of the ten men who disappeared in July. Following multiple disappearances and murders in the Yaqui community last year, officials stated they believed drug cartels were responsible. Some in the community, however, said they also suspect the government and corporations interested in Yaqui land and resources of being involved.⁷

Indigenous territories are highly vulnerable to the prolific number of large-scale extractive projects promoted

by national and foreign companies and backed by the Mexican government. The Inter-American Commission on Human Rights has raised concerns about the lack of adequate consultation with potentially affected communities and the subsequent attacks on those standing against signature projects. The Commission has flagged criminalisation and smear campaigns as harmful threats against Land and Environmental Defenders in Mexico.⁸

Impunity remains rife, with over 94% of crimes not reported, and only 0.9% resolved.⁹ Mexican environmentalist Irma Galindo Barrios disappeared in October 2021. Since 2018, Irma had faced intimidation by public officials, as well as harassment, persecution, defamation campaigns and death threats as a result of her defence of the forests. This defence included her submission of a formal complaint to the Ministry of the Environment and Natural Resources.¹⁰

Whilst the Escazú Agreement was ratified by Mexico in January 2021 and came into force in April, there is little state capacity or budget to support defenders, narrowing the likelihood of individuals and communities securing access to justice and redress.¹¹ The Mexican Centre for Environmental Rights (CEMDA) has raised concern about the multiplicity of factors involved in this context of impunity, including the lack of compliance with human rights standards when investigating crimes against defenders.¹²

Yuli Velazquez, legal representative of environmental organisation FEDEPESAN looks at photos of local murdered defenders, Barrancabermeja, Colombia, 21 July 2022. *Negrata Films / Global Witness*





Fernando dos Santos Araújo walks through the site where police killed his boyfriend, Fernando Araújo, in January 2021, and friends in the Pau D'Arco 2017 massacre. *Spenser Heaps*

2021 was another dramatic year in **Colombia**, which continues to have one of the highest number of killings in the world. At least 33 Land and Environmental Defenders were killed there last year. 2021 also marked the fifth anniversary of the peace agreement, which put an end to over 50 years of conflict with the Revolutionary Armed Forces of Colombia.¹³ Land disputes are a driving force behind the killings of Land and Environmental Defenders, and the agreement acknowledges the need to address matters such as forced land displacement, unequal land tenure and the substitution of illegal crops by alternative legal crops. However, to date the implementation of the peace agreement has fallen short: peace is still a distant prospect for many Colombians, and the consequences of ongoing violence are particularly felt by the most vulnerable groups, including small-scale farmers and Indigenous peoples.

Sandra Liliana Peña was the respected governor of a Nasa Indigenous community and land in the Department of Cauca, one of the bloodiest areas in Colombia. She had openly opposed the growth of illegal crops and had been subject to multiple threats as a result. In April 2021, as she was getting ready to travel to the city of Popayán to meet local government officials, four armed men forced her out of her home and shot her dead.¹⁴

Ángel Miro Cartagena was a small-scale farmer with a big dream: he wanted to be part of the transformation of land in the Department of Antioquia. He was actively contributing to a development programme aimed at producing high-quality coffee.¹⁵ Local militias are trying to take control of land in this area at any cost.¹⁶ He went missing in June 2021 and was found dead in a river. His body displayed signs of torture.¹⁷

Brazil saw a rise in reported lethal attacks from the previous year, representative of the wider threats Land and Environmental Defenders face, particularly under President Bolsonaro's rule.

"Inflammatory rhetoric, a rejection of sustainability and failure to prosecute has flamed another epidemic, one of intimidation, attacks, and murder of human rights defenders."¹⁸

– Baskut Tuncak, UN Special Rapporteur on Toxic Waste

In January 2021, Fernando Araújo, a landless rural worker and land rights defender from the Movimento Sem Terra was killed at his home on Santa Lúcia Farm in Pau D'Arco in the State of Pará. It is one of the most dangerous regions for human rights defenders in Brazil. Fernando had been a witness to and survivor of the largest massacre of rural workers in Brazil since 1996, the 2017 Pau D'Arco massacre, which resulted in ten rural workers being killed by the police on the Santa Lúcia farm. He was a key witness in the criminal case that followed. So far, no one has been charged or arrested for Fernando's murder.¹⁹

The following month, Isaac Tembé, a leader of the Tenetehara people was killed whilst out hunting with friends. The young Indigenous leader was shot point-blank in the chest, on his own land, by a member of Brazil's military police. According to the Tembé-Theneteraha people, the country's military police serve as private militias, defending the interests of farmers and ranchers that are illegally occupying areas of the Tembé Indigenous Territory. This case illustrates the blurring of Brazilian agribusiness and state-sponsored terror on Indigenous lands, which has significantly worsened under the Bolsonaro regime.²⁰

India

The journey towards justice is a long one



Indian protesters demonstrating against the killings of protesters in the Thoothukudi massacre, in Chennai on May 24, 2018. ARUN SANKAR/AFP via Getty Images

M.Karthi, an ardent social justice advocate, told his mother at around 10am on 22 May 2018 that he would be joining a protest on the streets in the nearby town of Thoothukudi in the southern Indian state of Tamil Nadu later that day. Climbing onto his motorbike, he was joined by his brother, friends Marimuthu and Murugesan, an acquaintance's son, John, and around 15 others. He never returned home.²¹

M.Karthi was killed along with 10 others in violence instigated by state police in Thoothukudi, which also resulted in injuries to more than 100 other people. People had gathered at the local district office to mark the hundredth day of peaceful demonstrations against copper smelting plant, Sterlite Copper, owned by Vedanta Limited. Residents wanted the plant closed down due to concerns about air and water pollution. The copper plant – already India's second largest – had been preparing to double its expansion.²²

Eyewitness accounts, images and videos caught on camera, and media reports raise several disturbing questions about the modus operandi of the district administration and police. They were said to have attacked the demonstrators and resorted to firing live ammunition into the crowds.²³ Despite Indian police rules on the use of force to quell protests, witness accounts tell of police snipers firing directly at protestors.²⁴ The government claimed that the shootings were in response



Environmental activist Fatima Babu at her house in Thoothukudi, India. Babu has led a decades-long campaign against copper smelting plant Sterlite, a subsidiary of Vedanta, over alleged contamination. Alina Tiphagne/Global Witness

to the marchers resorting to violence. In the days that followed four more people lost their lives.²⁵

Following the protest, the government imposed an internet shutdown until May 25, limiting the flow of information from Thoothukudi. It also imposed Section 144 in the area – a colonial-era law restricting the public gathering of four or more people – until May 27.²⁶

After four years and several inquests into the killings, neither the state nor the company has been held culpable. What's worse, CSOs and advocates campaigning for justice have since faced a myriad of human rights abuses, including criminalisation, surveillance, prevention of their right to assemble, threats and violence.²⁷

This is not the first time that Vedanta has been caught up in controversy in India. There have been myriad issues linked to its operations across the country, including in the eastern state of Odisha. Locals rallied to stop Vedanta from opening a bauxite mine that would have levelled a mountain they consider sacred and drive deforestation. The case wound its way through courts for more than a decade until the Supreme Court finally ruled against Vedanta in 2016, forcing the company to abandon the project.²⁸

The Thoothukudi massacre is emblematic of the pressing issues of security and reprisals faced by human rights

defenders in India. In 2021, India reportedly recorded the highest number of attacks against human rights defenders – representing around 20% of attacks in the Asia-Pacific region.²⁹ Many defenders, including Indigenous women seeking justice, are jailed and labelled as terrorists due to their human rights work. Laws in India are routinely used to target human rights defenders: for example, the Foreign Contributions (Regulation) Act 2010 has been used to block much-needed funds, freeze bank accounts, and subject NGOs to investigations, creating a chilling effect on civil society. We need urgent action from foreign governments and other members of the international community to hold the Indian government accountable for its treatment of human rights defenders.³⁰

Recommendations:

> The government of Tamil Nadu should immediately publish the Justice Aruna Jagadeesan Commission of Enquiry report on the Thoothukudi massacre, together with its Action Taken Report [ATR], and table a discussion on the report's proposed recommendations at the Tamil Nadu Legislative Assembly. This should include

the suspension of all implicated officials, including the District Collector and police officers, and the initiation of criminal proceedings.

- > The UN Office of the United Nations High Commissioner for Human Rights (OHCHR) should initiate Special Procedures to assess compliance by the National Human Rights Commission of India (NHRC) with international standards set out by the Paris Principles, given the lack of transparency, and that the complaint on the Thoothukudi massacre was closed within five months of brutal police killings of a total of 16 protestors and excessive violence over 200 others, as well as NHRC's refusal to reopen the matter despite a Madras High Court's ruling to consider the same.
- > The government of India – as well as other governments, UN Special Rapporteurs, INGOs, regional NGOs and human rights defenders' within the global community– must stand with the people of Thoothukudi and ensure justice is achieved for the victims of the Thoothukudi massacre.

- Human Rights Defenders Alert – India

A photograph of 17 year old Snowlin marching on the day of the protest is on display at her house in Thoothukudi, India. Snowlin was killed during a protest against the copper smelting plant Sterlite. Alina Tiphagne/Global Witness



A decade of killings globally

Global Witness started reporting on the killings of Land and Environmental Defenders in 2012.³¹ Since then, 1733 defenders have been killed trying to protect their land and resources: that's an average of one defender killed approximately every two days over ten years.

As we have stated in each of our reports over the years, our data on killings represents the tip of the iceberg. That's because conflict, restrictions on a free press and civil society, and lack of independent monitoring of attacks on defenders can lead to underreporting.³²

We know that beyond killings, many defenders and communities also experience attempts to silence them, with tactics like death threats, surveillance, sexual violence, or criminalisation – and that these kinds of attacks are even less well reported.

These challenges, coupled with the requirement to meet strict Global Witness' verification criteria for recording killings, mean that our figures are almost certainly an underestimate. You can find more information on our verification criteria and methodology in the 'Methodology' section.

Proportion of
Indigenous peoples:

39%

Proportion of
female defenders:

11%

Proportion of killings
in Latin America:

68%



Members of Filipino environmental network Kalikasan join protests in July 2022 demanding that the newly elected President Marcos Jnr take action towards climate justice and protecting defenders. *Dennese Victoria*



An Indigenous demonstrator talks to attendants during a protest to ask the government for justice over the assassination of Dom Philipps and Bruno Pereira on June 23, 2022 in Brasilia, Brazil. *Andressa Anholete/Getty Images*

Over half of the attacks over a decade: Brazil, Colombia, Philippines

Brazil has been the most murderous country since Global Witness started reporting on defenders. Overall, it represents the country with the highest documented number of killings since 2012, with 342 lethal attacks in total. Around a third of those killed were Indigenous or Afro-descendants, and over 85% of killings happened within the Brazilian Amazon.

The high number of cases in Brazil is partly attributable to a greater awareness and better monitoring by civil society of this issue compared to other parts of the world. Conflict over land and forest rights is the main driver of defender killings in Brazil, with the Amazon rainforest being the frontier of the struggle over Indigenous and environmental rights. Indigenous peoples have an important role to play as guardians of the Amazon forest, in preventing the emissions that come from deforestation and forest degradation, and in helping curb the climate crisis.³³

The Amazon has become a backdrop to increasing violence and impunity. With powerful agricultural

interests at the heart of Brazil's export-focused economy,³⁴ it is the setting for a battle over land and resources that has intensified following the election of Brazil's far-right president, Jair Bolsonaro, in 2018.³⁵ Since Bolsonaro came to power, he has encouraged illegal logging and mining, undone protection for Indigenous land rights, attacked conservation groups, and dismantled and slashed the budgets and resources of forest and Indigenous protection agencies.³⁶ This has led to criminal gangs invading Indigenous and conservation areas with impunity.

The failure of the state to defend Land and Environmental Defenders even as it gives a green light to illegal resource extraction has led some to suggest that the government in Brazil has been captured by criminal interests.³⁷

The high-profile killings of British journalist Dom Philipps and Indigenous expert Bruno Pereira in the bandit territory of the Javari Valley in the Brazilian Amazon are indicative of the assault on Indigenous people and those trying to protect them. Pereira previously worked

at the government's Indigenous agency, Funai. He was removed from his position as the agency's representative for uncontacted tribes in what was seen as a politically motivated move soon after Bolsonaro came to power. His firing in late 2019 came shortly after his team had helped make one of the biggest illegal mines in the Amazon region inoperable.³⁸

Closely following Brazil, ten years of gathering data on the killings of Land and Environmental Defenders have placed **Colombia** as the country with the second highest number of killings. The Colombian government has promised to ensure violence decreases.³⁹ The reality is proving otherwise.

The Colombian civil society network Programa Somos Defensores, which documents and reports attacks against defenders, has repeatedly condemned the very limited state action, including from the judiciary, to end impunity and a climate of fear.⁴⁰ This concern over human rights violations has also been echoed by the UN High Commissioner for Human Rights and the Inter-American Human Rights Commission.⁴¹

The **Philippines** has consistently ranked as the worst place in Asia for Land and Environmental Defenders, with 270 defenders killed between 2012 and 2021. Over 40% (114) of the defenders murdered were Indigenous peoples campaigning to protect their land and the environment – with nearly 80% of attacks against Indigenous defenders taking place on the island of Mindanao.

Global Witness has been able to link over 80% of killings over the past decade in the Philippines to protests by defenders against company operations. Our analysis indicates that a third of the killings are linked to the mining

The Mineracao Morro do Ipe mine, Minas Gerais state, Brazil. Heavier-than-normal downpours in January brought flooding that destroyed communities and led to halted iron mining operations across the state. *Jonne Roriz/Bloomberg via Getty Images*



industry, closely followed by the agribusiness sector. Philippines ranks in the top five countries for mineral resources globally.⁴² Nearly 30% of the country's land is known to hold high mineral deposits, of which over 8% is covered by mining concessions (as of July 2021).⁴³ In April 2021, President Duterte overturned a nine-year nationwide moratorium on new mining projects, which had been in place since 2012. Environmental and human rights groups criticised the move, warning that the new order could further endanger defenders as well as negatively impact key biodiversity areas, local water and food supplies, and Indigenous communities.⁴⁴ Newly inaugurated President Ferdinand 'Bongbong' Romualdez Marcos Jr raised a red flag with his first State of the Nation Address in July this year, emphasising investment incentives including within the energy sector. He made no mention of the country's dismal record on human rights.⁴⁵

Steaming ahead with development projects without any consideration for human rights raises serious concerns about the future of Land and Environmental Defenders in a country with one of the highest levels of killings of defenders in the world.⁴⁶

There is very little transparency in the Philippines' mining sector, with mining contracts and data seldom made public. Rules requiring mining companies to gain consent from communities who live in the areas in which they seek to operate are not consistently implemented.⁴⁷

Impunity is rife: it is suspected that state forces are behind the majority of killings in the few cases where the identity of the perpetrators is documented. Key state institutions, including the judiciary and law enforcement agencies, are weak, and the military and police commit human rights violations with little accountability.⁴⁸

Ramón gives a tour of the land that his family owns in Colombia that has been taken over by palm oil plantations. Ramón's father, Hernan had led local resistance to palm oil. He was shot 15 times. *Thom Pierce | Guardian | Global Witness | UN Environment*



Canada

If they destroy our land, they destroy us

“You gotta understand our frustration. We’ve been here since time immemorial, before anyone came to these lands. And your law can bend the rules to let somebody come and destroy our land and they get you guys to help them. If it was your house you’d feel the same, if the same vandals keep coming and wrecking your shit and nobody’s doing anything?” - Freda Huson, Dzeke ze’ (Chief)

Unist’ot’en Clan, Wet’suwet’en Nation in conversation with local police officers⁴⁹

The deep wilderness of British Columbia in Canada is at the centre of a conflict between corporate profits and Indigenous rights over a multi-billion dollar natural gas project — touted as the largest private sector investment in Canadian history. The US\$6 billion, 670 kilometre Coastal GasLink (CGL) pipeline has received approval from the provincial authorities, yet Indigenous Wet’suwet’en hereditary chiefs living in the area assert that no pipelines can be built through their traditional territory without their consent.⁵⁰

The Wet’suwet’en have never ceded or surrendered their territory to Canada. They have lived here since time immemorial and govern themselves under Wet’suwet’en law. In fact, Wet’suwet’en hereditary chiefs hold rights and title on ancestral lands recognised by Canadian courts – CGL needs their consent to be able to continue building its natural gas pipeline.⁵¹

Freda Huson, female chief (Dzeke ze’) from the Wet’suwet’en, sings in ceremony as RCMP approach to arrest her during their enforcement of a court-ordered injunction against those blocking work on a gas pipeline in 2020. Amber Bracken / The Narwhal





An RCMP officer stands near the Morice River bridge, the only entrance point to the Unist'ot'en healing centre and sole access road to Coastal GasLink work sites. Amber Bracken / The Narwhal

Yet despite the Wet'suwet'en hereditary chiefs stating that they don't want the CGL pipeline project, the company moved onto the land. Following a Supreme court injunction obtained by CGL in 2019, armed Royal Canadian Mounted Police (RCMP) officers forcefully removed hereditary chiefs and matriarchs, Wet'suwet'en land defenders, and their supporters from their own land. Dozens have been arrested and detained, including several members of the media. Reports from those released cite lack of food, restricted access to legal representation, and poor treatment by RCMP.

CGL has asked the court to apply release conditions for those detained that may include a requirement for land defenders to prove their Indigenous identity. According to reports from courtroom observers, conditions of release include a prohibition on their return to both their own territory and the 'exclusion zone' – an area around the forcible removal area where media presence is prohibited, thus denying public access to information. A recent British Columbia Supreme Court judge ruled the RCMP's practice of employing vast 'exclusion zones' illegal.⁵²

The geographic location of the Wet'suwet'en people is isolated and remote, making it difficult for human rights

observers and media to monitor. This situation poses a grave danger to Wet'suwet'en people, territories and culture, and is made worse by the arrests of both legal observers and the media.⁵³

The British Columbia provincial government passed the United Nations Rights of Indigenous Peoples (UNDRIP) into law in November 2019. This should ensure the rights of Indigenous peoples to free, prior and informed consent regarding projects that impact their lands and livelihoods. It also states that Indigenous peoples will not be forcefully removed from their lands.⁵⁴

In promoting a massive fossil fuel development project, Canada is utterly failing in responding to the severe and immediate climate emergency that the country is facing. Compounding this situation, Canada has engaged in these serious human rights violations against the backdrop of the genocide of Indigenous people, in particular women and girls, in the country. Many Canadian government policies are having devastating effects on Indigenous communities, leading Prime Minister Justin Trudeau to publicly accept that Canada has committed genocide.⁵⁵ Remediating this urgently requires the re-empowerment of Indigenous peoples, including the Wet'suwet'en Nation.



Coastal GasLink preparing to drill under the Wedzin Kwa river. Cedar George-Parker, from the Tseil-Waututh First Nation, sang to prepare participants for the shock of seeing the scale of the project. *Matt Simmons / The Narwhal*

Recommendations

The Canadian government should:

- > Immediately halt the construction and suspend all permits and approvals for its construction of the Coastal GasLink pipeline in the traditional and unceded lands and territories of the Wet'suwet'en people, until they grant their free, prior and informed consent, following the full and adequate discharge of the duty to consult.
- > Immediately cease the forcible eviction of Wet'suwet'en people; guarantee that no force will be used against Wet'suwet'en peoples; withdraw security and police forces from Wet'suwet'en territory; and prohibit the use of lethal weapons by the Royal Canadian Mounted Police against Indigenous peoples.
- > Fulfil its obligations to recognise and protect the rights of Indigenous peoples to own, develop, control and use their communal lands, territories and resources and, where they have been deprived of the lands and territories they traditionally owned or otherwise inhabited or these lands have been used without their free and informed consent, to take steps to return those lands and territories. Only when this is for factual

reasons not possible, the right to restitution should be substituted by the right to just, fair and prompt compensation. Such compensation should as far as possible take the form of lands and territories.



Wet'suwet'en hereditary chief Gisdawya and chief Namoks listen to the Royal Bank of Canada – a financier of the CoastalGas pipeline - virtual annual general meeting online from a hotel room on April 7, 2022. *REUTERS / Alamy Stock Photo*

What is enabling attacks against Land and Environmental Defenders?

The drivers behind threats and attacks to Land and Environmental Defenders are complex and multiple, but there are intersecting commonalities across the countries where attacks are highest.

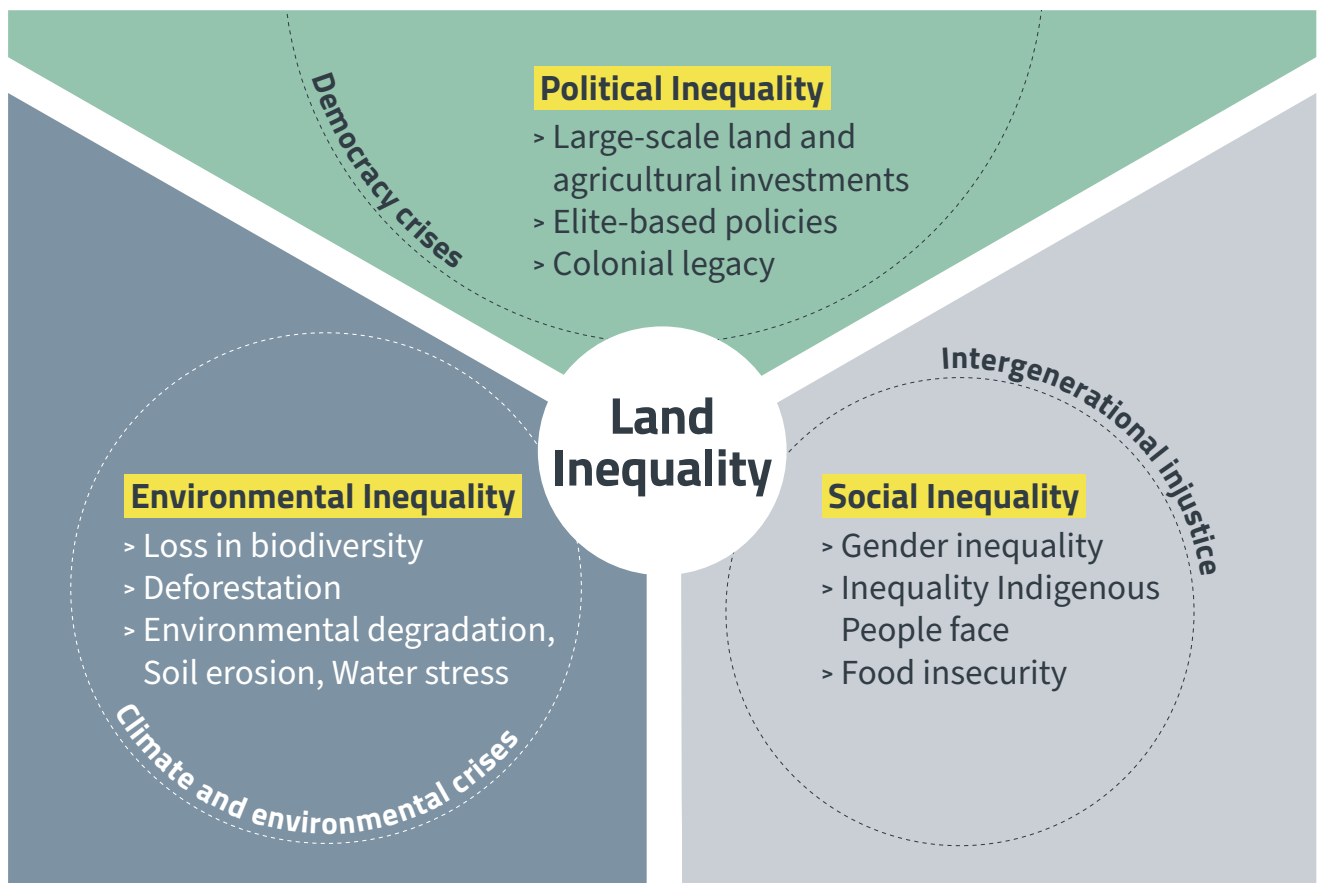
Land inequality

Land and territory, and conflicts over their control and use, are central issues in most countries where threats against Land and Environmental Defenders are present. Much of the increasing violence, killings and repression against defenders is linked to such conflicts and the pursuit of economic growth based on the extraction of natural resources from the land. This is exacerbated by extreme inequality in land ownership, which is also one of the main drivers of social and economic inequality, particularly in Latin America.⁵⁶

Land inequality is central to many global crises, including power and democracy crises and the climate and

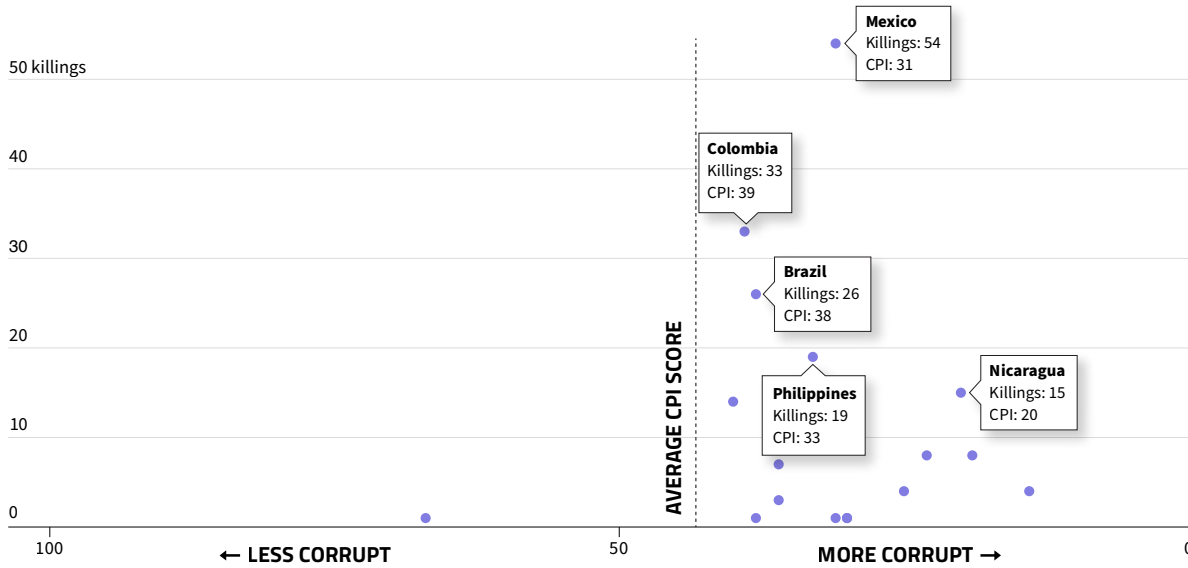
biodiversity crises.⁵⁷ Land inequality is not inevitable, but is the result of political decisions, market forces, or a combination of both. It's often the legacy of conquest and colonisation, as demonstrated by its prevalence in Latin America. Market forces also drive land inequality by encouraging accumulation, often by an already wealthy elite. Smallholders and family farms, Indigenous people, rural women, and landless rural communities are being squeezed into increasingly smaller parcels of land or forced out entirely as land inequality grows around the world.⁵⁸

In **Brazil**, where 342 defenders have been killed over the last decade, the Gini index (the most widely used indicator of inequality) of land ownership distribution is 0.73, placing Brazil among the countries with the greatest land inequality in the world. Research has shown that inequality is greater in the states with highest agricultural commodity production, such as in Mato Grosso, Mato Grosso do Sul, Bahia and in the MATOPIBA region (which



Corrupt countries witness more killings

Most killings took place in countries • perceived to be above averagely corrupt



Source: Transparency International Corruption Perception Index (CPI)



A local is seen at a Territorial Training and Reincorporation Space in Dabeiba on November 23, 2021, a day before the 5th anniversary of the peace agreement between the Colombian government and the FARC guerrilla. JOAQUIN SARMIENTO/AFP via Getty Images

comprises the Cerrado biome areas of the states of Maranhão, Tocantins, Piauí and Bahia). Attacks against defenders are also high in these states according to Global Witness data. For example, in Mato Grosso, nine farm workers were tortured and killed in 2017 by hired assassins in an area of illegal deforestation.⁵⁹ The same study also points out that 10% of the largest properties occupy 73% of the agricultural area of Brazil. In all Brazilian states, the 10% of the largest properties own more than 50% of the area. In six states and MATOPIBA, the 10% of the largest properties own more than 70% of the area.⁶⁰

44 of the 342 defenders killed in Brazil over the last decade were protesting against agribusiness.

Colombia has the highest concentration of landholdings in Latin America, with the largest 1% of landholdings concentrated over 81% of land, leaving only 19% of land distributed among the remaining 99% of farms.⁶¹

Violent conflict

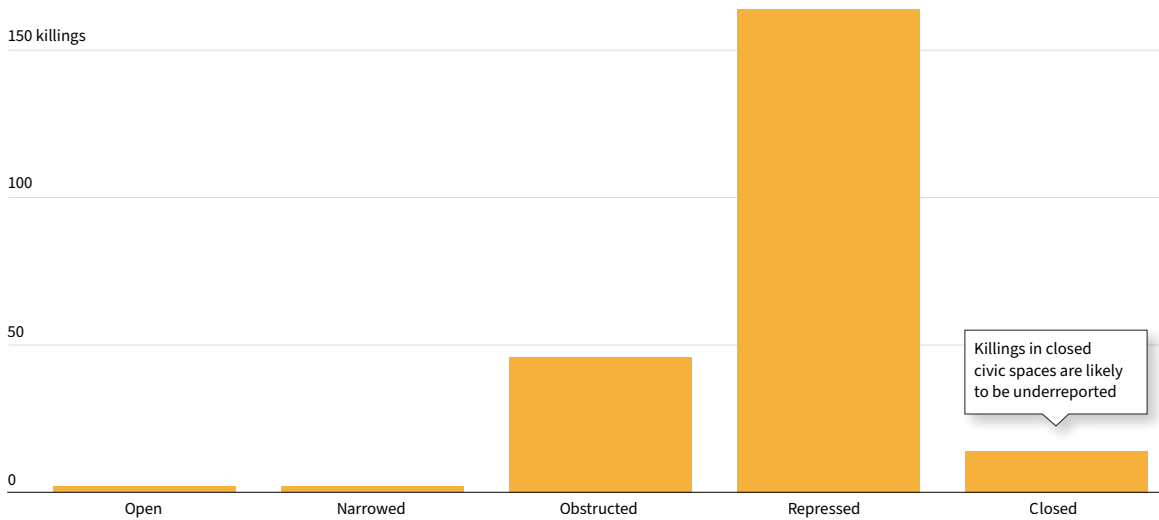
Colombia also has the longest armed conflict on the continent. It is driven by illicit and criminal economies,



Aerial view of a coca field amid remains of deforested trees in Guaviare department, Colombia. The Colombian Amazon is experiencing environmental degradation due to illicit crops, intensive farming and illegal mines. RAUL ARBOLEDA/AFP via Getty Images

Defender killings arise where civil society is weakened

Most killings occurred in countries with repressed civic space



Source: CIVICUS Monitor

including drug trafficking, illegal mining, kidnapping and extortion.⁶² This has resulted in the displacement of nearly seven million people and large-scale disposessions of their land.⁶³ Social and economic inequality is at the very root of the conflict, especially the extreme concentration of land, in terms of landholdings as well as land use.⁶⁴

Violent conflict over land is well documented and is closely linked to land inequality. Not only do increasing land concentration and land inequality fuel violent conflict, conflict is also a driver of land inequality, which, if not adequately addressed, perpetuates the cycle of violence.⁶⁵

Colombia is one of the countries with the highest number of recorded killings over ten years of Global Witness data. Not only are conflicts associated with land and natural resources numerous and frequent, but they are also often protracted and twice as likely to recur in the first five years as other types of conflict. These conflicts are further fuelled by crises such as climate change, democratic crisis and mass migration, which are further hotbeds for political, economic, social and environmental instability.⁶⁶

Corruption

Driven by the rising demand for food, fuel and commodities, the last decade has seen an upsurge in land grabs for industries like mining, logging, agribusiness and infrastructure projects, with local communities rarely consulted or compensated.⁶⁷ The actors colluding to grab land tend to be corporations, foreign investment funds, national and local state officials, and the governments

of wealthy yet resource-poor nations looking to cheaply acquire land, harming local populations in the process.⁶⁸

Land and Environmental Defenders trying to gain access to remedy are heavily impacted by corruption ranging from corrupt judges hearing defender complaints to police and local authorities being bribed to threaten, intimidate or even arrest community members who are protesting or submitting complaints.⁶⁹

Shrinking civic space

Threats to global democracies are on the rise and countries in every region of the world have been captured by authoritarian rulers in recent years. In 2021, Nicaragua's incumbent president won a new term in a tightly orchestrated election, after his security forces arrested opposition candidates and deregistered civil society organisations.⁷⁰ Elected leaders from Brazil to India have taken or threatened a variety of antidemocratic actions, leading to a weakening of democratic values on the international stage, including the repression of civic space.⁷¹ Whenever states and corporations stifle critical voices and crackdown on political dissent – whether in the streets, on social media, or in the courtroom – they shrink the civic space necessary for a democratic society based on human rights to thrive.⁷²

The safety and security of human rights defenders and increased threats to civic freedoms has become an increasing concern globally. It is also one of the most urgent issues for the human rights agenda, as defenders find themselves at great personal risk, including the risk of death and grave bodily harm. Civil society also finds



Local residents walk through what was once forest, cleared to make way for a rubber plantation in Ratanakiri Province, Cambodia, March 2013. *Global Witness / Chris Kelly*

itself with fewer avenues to express concerns regarding human rights issues, fearing criminal prosecution.⁷³

The majority of killings over the last decade have all taken place in countries with severely restricted civic space.

Culture of corporate impunity

In countries across the world, corporations are operating with impunity, facilitated in part by corruption.⁷⁴ Guidelines for business to prevent harms remain voluntary for the most part, meaning violations of environmental and human rights continue to abound and the price for fighting back can be fatal.

Few perpetrators of killings of defenders are ever brought to justice due to the failures of governments to properly investigate or prosecute anyone for these crimes.⁷⁵ Many authorities either turn a blind eye or actively impede investigations into these killings, which can be due to the collusion between corporate and state interests – one of the root causes of the violence against defenders.⁷⁶ Such impunity for threats and attacks against defenders acts as

a green light to potential perpetrators, who see that they are unlikely to face consequences for attacks on activists.

In many cases, access to information, often held by companies, makes it difficult to find those responsible.⁷⁷ Companies' global supply and value chains are unnecessarily opaque and complex, making it hard for communities to know who is accountable for harms.

When looking at the dataset on attacks in totality, it's clear that many companies engage in an extractive economic model that overwhelmingly prioritises profit over human and environmental harm. This unaccountable corporate power, supported by government policies, is a significant underlying force that has not only driven the climate and biodiversity crisis to the brink, but which has continued to perpetuate the killing of defenders.⁷⁸ Simply put, the fetishisation of endless economic growth and corporate impunity must end to preserve life.

Mexico

Decades of death and destruction

“A 1396-sq-km swath of the jungle-clad limestone mountains northwest of the city of Colima is protected by UNESCO as critical habitat. Ranging in elevation from 400m to 2,960m, with eight varieties of forest ecosystem – including tropical, cloud, oak and alpine – this land counts nearly 2,900 varieties of plants, 336 bird species (a third of Mexico’s total), 85 amphibians and reptiles and 110 mammals, including puma, jaguar and ocelot.”⁷⁹

Felipe Roblada in Mexico City, on 29 August 2022. Felipe Roblada, President of the council of elders of the town of Ayotitlan, is involved in activism around the Peña Colorada mine in Jalisco, Mexico. *Quetzalli Nicté Ha / Global Witness*

So begins popular travel guide Lonely Planet’s introduction to the Sierra de Manatlán UNESCO Biosphere Reserve in Mexico, which is rich in wildlife and home to Indigenous groups.⁸⁰ Yet there is a dark side to the popular tourist area.

In April 2021, José Santos Isaac Chávez was brutally murdered. He was an Indigenous leader, lawyer and candidate to the Ejidal Commissariat of Ayotitlán (a local elected body created to manage the Indigenous territories and coordinate actions with communities). He was the only candidate who vocally opposed the Peña Colorada mine and its operations. He was found dead in his car, which had been driven off a cliff. His body showed evidence of torture.⁸¹

José’s murder is far from the first connected to the mine: local reporters and activists allege disappearances and murders related to opposition to Peña Colorada for which no one has been brought to justice. Operations began in the 1970s representing decades of serious violence and human rights abuses connected to the mine.⁸²



A joint venture between the multinational steel corporations, ArcelorMittal and Ternium – both headquartered in Luxembourg – the Peña Colorada open-pit mine has been a scourge on the environment, including local Indigenous territories, since operations began.⁸³ The mine has destroyed the Cerro de Los Juanes mountain, turning the surrounding area into a wasteland. Mining operations have driven deforestation, loss of wildlife, climatic changes and toxic contamination. The true scale of harms has been impossible to quantify, however, as the mining company maintains tight control over the Sierra de Manantlán area. Independent investigators are not allowed to enter the mine area, much less to verify operating conditions and compliance with environmental protection regulations.⁸⁴ There is no evidence that the joint venture operators, ArcelorMittal and Ternium, have procured the death of any land defender at any time.

In addition, the Jalisco Nueva Generación Cartel has established an interest in illegal mining. The illicit group imposes its conditions and violence against the Indigenous community with complete impunity and without an adequate response from the Mexican State.

The Indigenous groups in the area have long defended their territory and natural resources. Local activists have taken various actions to contain the expansion of mining operations, some with fatal consequences. Both the Mexican government and the companies that own the mine, ArcelorMittal and Ternium, must take urgent action

to prevent further fatalities and violence, and ensure that justice is served for the murders and disappearances of defenders who have opposed the mine.

Recommendations:

The government of Mexico should:

- > Fulfil its obligations to investigate, provide justice and redress human rights violations against defenders of land and the environment in Mexico.
- > Establish a roadmap for the implementation of the Escazú Agreement that includes coordination between state powers, the generation of policies and adequate funding in order to guarantee environmental justice mechanisms, transparency, access to information and a safe environment for the exercise of the environmental defence in Mexico.
- > Recognise the situation of the Nahual community in the Sierra de Manantlán as a systemic attack against this Indigenous population and address the structural causes of the repetition of these acts of violence.
- > Design, implement and oversee mechanisms that guarantee Indigenous peoples' right to informed consent under international standards and incorporate the principle of self-determination and autonomy of Indigenous persons and communities in Mexico.

- **Tsikini AC**

Peña Colorada iron ore mine, Mexico. The mine has destroyed the Cerro de Los Juanes mountain, turning the surrounding area into a wasteland, and driving deforestation, loss of wildlife and toxic contamination. *Walter Bibikow*



State of play ten years on

What have we learnt since Global Witness started reporting on the killings of Land and Environmental Defenders ten years ago? At the international level there has been some progress made by governments and corporations, at least superficially. Businesses are now more aware of the threats that defenders face and, according to the Business and Human Rights Resource Centre, at least 30 businesses have existing policies on human rights defenders and civic freedoms. However, it's important to note that these are voluntary commitments and they are not implemented consistently.⁸⁵ Some governments, predominantly in Europe, either have or are in the process of introducing mandatory human rights and environmental due diligence for companies. And the Escazú Agreement brought into force in 2021 is the first legally binding instrument in the world to include provisions on environmental human rights defenders.⁸⁶

Each and every death of a defender is a sign that our economic system is broken. Fuelled by the pursuit of profit and power, there is a war over nature and the frontlines are the Earth's remaining biodiverse regions. The integrity of these systems is under attack from organised crime and corrupt governments who want to exploit timber, water and minerals for short-term, often illegal profits.⁸⁷

Most of these crimes happen in places that are far away from power and are inflicted on those with, in many ways, the least amount of power. In many regions, Indigenous communities, Afro-descendants and other traditional forest dwellers, supported by civil society organisations, journalists, lawyers and academics, are leading the push back against irresponsible government and corporate actions. As a consequence, they are disproportionately affected, making up over a third of all the defenders killed. Their deaths represent not just a loss of life, but of traditional cultures, languages and knowledge. These killings happen in places where the law doesn't function or where it's controlled by local business or political interests, resulting in almost total impunity. In fact, most killings are not even credibly investigated.⁸⁸

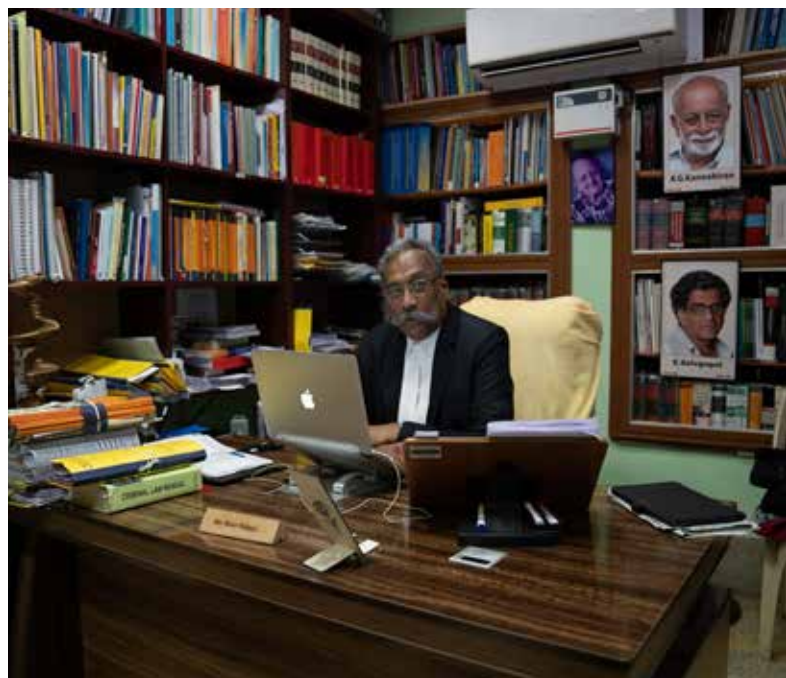
Species are being lost at about a thousand times the natural rate of extinction.⁸⁹ We stand in the midst of a climate emergency. These crises of biodiversity loss

and climate are finally getting some attention and their connection to another loss – that of Indigenous cultures – is increasingly being recognised.⁹⁰ From animals to insects and plants, climate change and biodiversity loss cannot be effectively addressed without tackling the rapid disappearance of Indigenous cultures. The two are inextricably linked.

As in any war, the dominant side will always want the number of victims and their names to be unknown, for them not to be personalised. In this way, the powerful can create their own narrative around the victims. Yet through our reporting on where they have succeeded in halting damaging projects, or won rights to their land, we can see power lies in resistance and collective protest. So whilst this report aims to raise the alarm in urgently calling for greater protections for defenders, it also aims to inspire rather than deter so that there is even more attention on their struggle.

It is crucial that the work of Land and Environmental Defenders is continued and amplified. This is why Global Witness will continue to report on defenders – to show their value to the world and how they contributed to their communities and their families.

Human Rights Lawyer and National Secretary of Human Rights Defenders Alert – India, Henri Tiphagne at his office in Madurai, India. Tiphagne has represented anti-Sterlite protesters in court. Alina Tiphagne/Global Witness



Brazil

We live a silent war against an invisible monster

I am a black woman, shellfish gatherer and a Quilombola.

I am a woman from the waters and proud to be a Quilombola shellfish gatherer. I was born into the Porto dos Cavalos community on the Ilha da Maré, an island just off the coast of Salvador, the capital city of Bahia State, Brazil, in the heart of Todos os Santos' Bay. Porto dos Cavalos is one of six Quilombola territories (settlements of Afro-descendants who were slaves) that have been recognised by the state in the Ilha da Maré. The island, the second largest in the Bay, is also known as “the blackest neighbourhood” in Salvador.

For more than two decades, I have been involved in the struggle for the rights of the Quilombola community, against the exploitation of our territory by national and international companies based in the Todos os Santos' Bay.

In addition to the exploitation of our territory, we also suffer from the daily chemical contamination caused by the companies, as well as by what the companies called “accidents” – but which I consider environmental crimes – which take place on a recurring basis causing a variety of harms to the community. This heavy pollution in our waters, contamination of our air and poisoning of my people has gone on for far too long – we now call both our land and our bodies the “sacrificial zone”.

The turning point in my life came when I discovered that my daughter had been directly affected. In 2005, a study revealed that children living on Ilha da Maré, including my daughter, had high levels of heavy metals in their hair and blood samples. The food consumed by our children also presented a high level of contamination. We women from the waters are suffering, because our children are developing serious illnesses, including epilepsy and cancer, due to the contamination.

So we continue to be on the frontline of this battle. We are faced by many problems every day, but we have no other recourse but to resist. This resistance comes with a price – a high one. For protesting against these environmental crimes and harms to our health, we have been subjected to death threats, legal harassment and smear campaigns. The threats to my life have gotten so bad recently that I had to adopt a security scheme that obliges me to constantly leave the Ilha da Maré and that



For more than two decades, Brazilian defender Eliete Paraguassu has been involved in the struggle for the rights of her community, against the occupation of their territory by petroleum companies. *Safira Moreira / Global Witness*

does not allow me to do what I most enjoy doing in life: gathering shellfish.

My resistance continues and I will not let them stop me. The government continually fails us. The current crisis is a reflection of the total impunity that we, the people of Ilha de Maré, have suffered for decades.

We will continue to fight the systematic environmental racism enacted toward Quilombos and the Indigenous communities of Brazil. Without a fight, there's no environmental justice, there's no victory. We will continue fighting and we will continue defending our territory and our lives and the lives of our children and the lives of future generations. We are fighting not only for our community, but for yours too – for food sovereignty, for access to water free from contamination and for a healthy environment. We need you to join us in this fight.

- Eliete Paraguassú

Recommendations:

The government of Brazil should:

- > Immediately work to stop the ongoing land and human rights abuses and litigation against the communities, and provide credible remedy for those harms already perpetrated.
- > In accordance with ILO 169, provide mechanisms for the prior consultation and participation of quilombos with respect to all policies, agreements, or development projects that may affect their ways of life and traditional territories.
- > Tackle the public health crisis and social inequality through adequate investment in basic sanitation, including the supply of drinking water, sanitary sewage, as well as the proper handling and disposal of waste.

Colombia

Growth for the oil companies but not for the communities

Since November 2020, the threats, intimidation and pressure that I have experienced from groups such as the Aguilas Negras (the 'Black Eagles': far-right drug trafficking, counter-revolutionary, paramilitary organisations) and other groups, due to my work in defence of human rights and nature in the Magdalena Medio region of Colombia, is similar to that experienced by dozens of leaders living in the region. A female leader has had to flee to France in 2022. I have lived through the assassinations of three friends and environmental leaders: two were assassinated in February and one at the end of July.

I have been actively opposing oil extraction in the Magdalena Medio region for years. The interests of the big oil companies have ended up prevailing over the lives of local communities, who suffer serious environmental and social impacts, as well as a wide range of human rights violations.

The local community here in Barrancabermeja has witnessed how our land, that used to be so full of life and nature, has been sacrificed time and time again. Since 2013, we have been documenting how our government has continued to choose money over the protection of the local area and the people living in it.

There are so many things to worry about. We are worried about the environment around us, worried about water pollution, worried about our health, and we are worried about our safety most of all.

As well as fighting oil extraction, we are also fighting serious contamination from a local landfill site. My colleague Yesid Blanco, a paediatrician, identified a series of illnesses from mercury poisoning that were directly linked to the landfill contaminating the water supply of the village of Patio Bonito in Barrancabermeja. It is difficult to find a child in Patio Bonito who was born after 2015 and does not have respiratory problems and

Óscar Sampayo photographs a dead manatee, Barrancabermeja, 21 July 2022. The wetlands around the Colombian city have for a long time been battered by pollution, including from the region's oil industry. *Negrta Films / Global Witness*





Oscar Sampayo, anti-fracking activist and community leader, Barrancabermeja, Colombia, 21 July 2022. Sampayo has been actively opposing oil extraction in Barrancabermeja, Colombia, for years. *Negrity Films / Global Witness*

skin conditions. They are the generation who have been nicknamed “the children of garbage”.

Yesid is now in exile after sharing his findings – he fled Colombia in 2018. Others have continued to monitor the impacts and document the death of thousands of fish, animals with deformities and the birth of dogs without brains. Every day, the equivalent of 55 Olympic pools of leachates (toxic chemicals) have been dumped on the landfill. And we are being persecuted, stigmatised and threatened for continuing to push for accountability. Both the authorities and private stakeholders are behind these threats.

The fossil fuel companies operating here and companies that have managed the landfill site over the years are not conducting rigorous due diligence. We are worried that the supply chain is permeated by illegal stakeholders with alleged links to armed groups, including paramilitaries, guerrillas and drug traffickers. We cannot defend ourselves against these people, so we need help to protect the local area and the people that live here.

- Oscar Sampayo

Recommendations:

The government of Colombia should:

- > Reestablish all spaces for dialogue with civil society that are related to the situation of human rights defenders.
- > Adopt and implement the existing series of resolutions and recommendations from national organizations and international organizations that provide a roadmap to guarantee a safe and favorable environment for defenders. These include recent reports by the UN Special Rapporteur on human rights defenders and the Inter-American Commission on Human Rights, and The Protocol of Hope - a civil society initiative - designed to minimize and address threats against human rights defenders. These recommendations should be the starting point for the construction of a comprehensive protection policy for human rights defenders.
- > Implement the provisions of the Peace Agreement that are specifically related to the right to defend human rights.

Carbon heist – false ‘solutions’ to climate change and threats to Land and Environmental Defenders

To effectively tackle the climate crisis, we have to leave fossil fuels in the ground. Yet in recent years, companies have been increasingly turning to the voluntary carbon market (VCM) – a system for creating and trading carbon credits⁹¹ – as a substitute for urgently needed emissions reductions.⁹² Not only is this ineffective, but it also presents a real and additional threat to Land and Environmental Defenders.⁹³

The VCM is dominated by credits generated by forestry and renewable energy projects. Recent growth in the VCM and forecasts for its expansion over this decade have serious implications for land rights and the natural world. Its advocates (of whom there are many, including in the finance and fossil fuel sectors) are exploiting carbon sinks in the Global South.⁹⁴ Much of the land targeted for carbon projects overlaps with areas traditionally held by Indigenous, local, and Afro-descendant peoples.⁹⁵ This means it is likely that an avalanche of land-grabs will ensue in what some have called a ‘Carbon Heist’.⁹⁶

Numerous projects linked to the carbon market have given rise to alleged serious human rights abuses:

- > the Aguan Biogas project has been linked to assassinations and other serious human rights abuses in Honduras
- > Green Resources’ industrial tree plantations in Uganda has led to the eviction of thousands of people,

and many of those evicted report being subjected to physical violence at the hands of the police⁹⁷

> Francisco Martínez, a prominent member of an Indigenous organisation in Honduras, was stabbed to death in January 2015 – one of three members of the community to be killed that year for resisting the construction of hydropower projects linked to carbon offsetting on Indigenous territory.⁹⁸ No one has yet been held by the law to be responsible for the deaths in Honduras.

Decision-makers in climate negotiations have also failed to put human rights at the forefront of climate solutions. At COP21 in Paris, representatives from Indigenous nations around the world took to the streets to draw attention to key clauses that had been removed – those that made binding commitments to the protection of human rights and the rights of Indigenous peoples in climate change solutions.⁹⁹ Since then, opposition from Indigenous groups to carbon-offsetting projects that are increasingly framed as ‘nature-based solutions’ has grown. At COP26 in 2021, an Indigenous activist, Thomas Joseph from the Hoopa tribe, California, referred to the push for market-based solutions and commodification of nature as a death sentence.¹⁰⁰

Indigenous campaigners advocate a holistic approach to climate change, one which centres on climate justice as well as emphasising the importance of leaving fossil fuels in the ground.¹⁰¹ The latest IPCC report also urges the need to avoid actions that further deepen existing social inequities and lead to adverse outcomes.¹⁰² For this vision to be achieved, it is crucial that Indigenous land and resource rights are respected, and environmental defenders protected.



Julia Francisco Martinez, widow of Indigenous activist and human rights defender Francisco Martinez Marquez. Francisco was found murdered in January 2015 after months of death threats. *Giles Clarke*

Victories for people – and the planet

HONDURAS: Five years after the murder of environment and Indigenous defender, Berta Cáceres, in July 2021 a Honduran court found Robert David Castillo guilty of co-conspiring in her murder when he was the head of the hydroelectric dam company Desarrollos Energéticos.¹⁰³ Cáceres was shot dead by hired hitmen in 2016, after years of threats linked to her opposition of the Agua Zarca dam on the Gualcarque River, home to the ancestral lands of her Lenca people.¹⁰⁴ Castillo was subsequently sentenced for 22 years for his role in ordering and planning the murder on 20 June 2022.

Cáceres was best known for defending Indigenous Lenca territory and natural resources, but she was also a respected political analyst, women’s rights defender and anti-capitalist campaigner.¹⁰⁵ Her daughter, Laura Zúñiga Cáceres, welcomed the sentencing as another step in the fight for justice. “This is an important advance but the masterminds of the crime are still enjoying impunity

thanks to their political and economic power. As victims of this crime, we, her family, members of COPINH (Civic Council of Popular and Indigenous Organisations of Honduras) and the Lenca people will continue demanding justice from the Honduran state.”¹⁰⁶

BRAZIL: In April 2021, in a landmark decision that could bolster Indigenous land rights in Brazil, the country’s Supreme Court unanimously agreed to review the process around a past case that cancelled the mapping of an Indigenous territory claimed by the Guarani Kaiowá people. The Guyraroká territory at the centre of the dispute sprawls across some 11,000 hectares (27,181 acres) of Mato Grosso do Sul, in Brazil’s agricultural heartland. A large part of the disputed area is controlled by José Teixeira, a powerful politician and rancher.¹⁰⁷

The Guarani Kaiowá people say their land — part of Brazil’s vast tropical savanna biome known as the Cerrado

Members of Honduran organisation COPINH embrace to celebrate after David Castillo was found guilty in the murder of Honduran environmentalist and Indigenous leader Berta Cáceres, in Tegucigalpa on July 5, 2021. *ORLANDO SIERRA/AFP via Getty Images*





Residents join a demonstration against Royal Dutch Shell's plans to start seismic surveys to explore petroleum systems off the country's Wild Coast at Mzamba Beach, Sigidi, South Africa, December 5, 2021. *REUTERS/Rogan Ward*

— was stolen decades ago and turned into sugarcane plantations, forcing them off their ancestral lands.

The decision is especially important within the current political context, in which rhetoric from President Bolsonaro's rhetoric has emboldened attacks on Indigenous land rights. The reopening of the case marks a turning point and also sets an important precedent for other disputes over Indigenous lands in Brazil.¹⁰⁸

SOUTH AFRICA: Following one of the largest protests in post-apartheid South Africa in December 2021, Indigenous communities from the Wild Coast of South Africa's Eastern Cape attained a landmark legal victory against energy and petroleum giant Shell. The Wild Coast falls within the Maputaland-Pondoland-Albany biodiversity hotspot, and as well as sustaining livelihoods, the ocean holds a significant cultural meaning for the Indigenous communities of the Eastern Cape.

The communities won the case at the South African High Court on the basis of violation of their constitutional right to be consulted and give consent to the project. The victory has been hailed as a major breakthrough in the effort to stem the tide of climate change, coming on the back of another 2021 Dutch court decision requiring Shell to reduce its reported worldwide emissions by 45% by the end of 2030.¹⁰⁹ "It is not only about giving consent," said Deputy Chair of local NGO Sustaining the Wild Coast, Sinegugu Zukulu, "It is about our right to say no to Shell directly and to be able to give our reasons".¹¹⁰



Franz Hemi, farmer and land defender in Central Sulawesi, Indonesia, who successfully received recognition of his rights to 20 of 50 hectares of land that had been illegitimately and violently grabbed. *WALHI/Friends of the Earth Indonesia*

INDONESIA

SANGIHE ISLAND COMMUNITIES – In May 2022, residents of Sangihe Island in Sulawesi province, Indonesia, won a lawsuit against a Canadian-backed company planning to mine gold on their island. A court ruled that the environmental permit issued to mining company PT Tambang Mas Sangihe for the proposed mine was invalid, and ordered local authorities to revoke the licence. At 42,000 hectares – an area more than half the size of New York City – the proposed mining site would cause widespread destruction. These concerns prompted 56 female villagers to file a lawsuit – ultimately successful – against the local authority government that issued the environmental permit.

The Sangihe villagers also filed a separate lawsuit at the state administrative court in Jakarta in which they sought the overall revocation of the mining contract.¹¹¹

FRANZ HEMI – Earlier this year, after 15 years of battling a palm oil company that violently grabbed his land, Indonesian farmer and land defender Franz Hemi received recognition of his rights over 20 hectares. Hemi has fought relentlessly against PT Mamuang, a subsidiary of Astra Agro Lestari – Indonesia's second largest palm oil company – since it forcibly took over his land in 2005. The company has reportedly been embroiled in protracted land conflicts with local farmers.¹¹² Hemi was imprisoned three times and he and his family were subjected to regular threats. He has now received recognition of his rights over 20 of the 50 hectares the company tried to take due to his tireless resistance, the backing of his community, and legal support and advocacy targeting the financiers of Astra Agro Lestari.¹¹³

Recommendations

Urgent actions are needed to hold companies and governments to account for the violence, criminalisation and other attacks faced by Land and Environmental Defenders, who are often standing on the frontline of the climate crisis. The following actions must be taken by governments and businesses to tackle the key drivers and enablers of attacks against defenders:

Governments should:

1. Create a safe environment for defenders and civic space to thrive: Existing laws that protect defenders must be enforced. Where such laws do not exist, new frameworks must be established. And efforts to use any legislation to criminalise defenders should be declared null and void. Governments must protect defender rights, including rights to free, prior and informed consent, Indigenous peoples' rights to their livelihood and culture, the right to life, liberty and freedom of expression, and the right to a safe, healthy and sustainable environment. These are basic human rights, which are already embodied in various laws, including national constitutions. In addition, relevant existing mechanisms and tools should be used to better protect defenders and promote civic space, including the Escazú Agreement, the UN Special Rapporteur procedures, and the Esperanza Protocol.

2. Promote legal accountability of companies: **Require companies** and financial institutions to carry out due diligence on human rights and environmental risks throughout their global operations (including supply chains and business relationships), promoting transparency and accountability for violence and other harms to Land and Environmental Defenders. Corporate accountability laws must uphold the standards set out in the UN Guiding Principles on Business and Human Rights.

Businesses should:

3. Identify, prevent, mitigate and remedy any harms in their operations against defenders: Implement robust due diligence procedures that seek to prevent, identify, mitigate and account for human rights and environmental harms throughout their operations. Company policies must explicitly include protocols for safeguarding the rights of Land and Environmental Defenders. Businesses must swiftly provide remedies where human rights and environmental harms occur.

4. Ensure legal compliance and corporate responsibility at all levels: Strictly implement a policy of zero-tolerance on reprisals and attacks on Land and Environmental Defenders, illegal land acquisition and violations of the right of free, prior and informed consent at all levels of business operations, including in their global operations, supply chains and business relationships. These policies should state who at the senior level will be responsible for legal compliance, as well as how it will be implemented and monitored, and clear red lines for prompt suspension or termination of contracts for non-compliant suppliers.

Governments and businesses should:

5. Implement a rights-based approach for addressing climate change: Ensure commitments to implement the Paris Agreement align with existing international human rights obligations and standards, and promote just and equitable solutions to climate change. This should include strengthening the land rights of Indigenous and traditional communities, and enhancing their participation in decision-making in recognition of the key role they play in protecting the world's last remaining biodiverse areas.



Vanessa Nakate, climate justice activist from Uganda, speaks at a climate justice rally and march organised by the COP26 Coalition took place in Glasgow, UK, on 6 November 2021. *Jasmin Qureshi/Global Witness*



Aerial view of deforestation in Nascentes da Serra do Cachimbo Biological Reserve in Altamira, Para state, Brazil.
JOAO LAET/AFP via Getty Images

EU must take the lead on corporate responsibility

In February 2022, the European Commission released a draft law to promote corporate accountability by requiring companies to assess their impacts on people and the planet.¹¹⁴ The Corporate Sustainability Due Diligence Directive – if passed – will require companies operating in the EU to conduct due diligence to identify, prevent and mitigate human rights and environmental risks associated with their activities, and remedy harms that they have caused. If passed, this law could be the first regional framework obliging companies to act sustainably. Crucially, it could also hold them liable in European courts if they fail to comply.

Despite its potential, several components of the proposed law must be strengthened for it to ensure greater corporate accountability.¹¹⁵ The published draft does not recognise Land and Environmental Defenders, including Indigenous peoples, as vital actors with whom companies need to engage continuously – with the draft merely stating that they should be consulted only “where relevant”. With growing violence against defenders, it is essential that the legislation mandates meaningful engagement with impacted and potentially impacted communities as part of a company’s ongoing due diligence processes.

Additionally, the current proposal appears to provide a free pass to the financial sector without any justification. Financial institutions, such as investors, insurers and banks, would face minimal due diligence requirements compared to other companies covered by the Directive. Global Witness has exposed the role that EU-based financiers and their subsidiaries overseas have played in supporting projects that have caused human rights violations and environmental damage – including land grabbing, deforestation, corruption and violence against Land and Environmental Defenders.¹¹⁶ Like other companies subject to the EU law, financial institutions must also be required to identify, prevent and mitigate risks to people and the planet.

Finally, with the IPCC warning of “a brief and rapidly closing window of opportunity” to tackle the climate crisis, the Directive must include a binding climate due diligence framework.¹¹⁷ Businesses have played a central role in creating the climate crisis, yet action from the international community to curb harmful corporate behaviour has been slow and insufficient.¹¹⁸ Extending the Directive to include climate due diligence will ensure business models transition to a sustainable economy, and that companies reduce their global gas emissions to meet the 1.5°C climate target.¹¹⁹



Climate activists hold up signs next to portraits of slain Philippine environmental defenders as they take part in climate justice protests on November 06, 2021 in Quezon city, Philippines. Ezra Acayan/Getty Images

Recommendations to the European Union

As a major trading bloc with a global footprint, the European Union has the responsibility and opportunity to lead the way on corporate accountability. It is obliged to contribute to protecting human rights and the environment, particularly where the Union's actions have an international impact. Specifically, the EU should ensure that the Corporate Sustainability Due Diligence initiative:

- > Requires that companies engage with affected Indigenous and local communities and other Land and Environmental Defenders in a safe, meaningful and inclusive way
- > Requires that financial institutions be held to internationally recognised due diligence standards, including conducting ongoing due diligence, safely disengaging from harmful business relationships where harm cannot be prevented, and conducting due diligence on business partners based on risk (rather than partner company size)
- > Requires that companies conduct effective climate due diligence in line with proposed human rights and environmental due diligence requirements.

Methodology

The Global Witness Land and Environmental Defenders Campaign aims to stop the broad range of threats and attacks that Land and Environmental Defenders and their communities face. It strives to raise awareness of these abuses and to amplify the voices of defenders in support of their work and that of their networks.

We define Land and Environmental Defenders as people who take a stand and carry out peaceful action against the unjust, discriminatory, corrupt or damaging exploitation of natural resources or the environment. Land and Environmental Defenders are a specific type of human rights defender – and are often the most targeted for their work.

Our definition covers a broad range of people. Defenders often live in communities whose land, health and livelihoods are threatened by the operations of mining, logging, agribusiness companies or other industries. Others will be defending our biodiverse environment. Others will be supporting such efforts through their work – as human rights or environmental lawyers, politicians, park rangers, journalists, or members of campaigns or civil society organisations, for instance.

Global Witness has produced a yearly account of murdered Land and Environmental Defenders since 2012. We maintain a database of these killings so that there is a record of these tragic events and we can track trends and highlight the key issues behind them.

Research into the killings and enforced disappearances of Land and Environmental Defenders between 1 January 2021 and 31 December 2021:

- > Global Witness identifies cases of killings by searching and reviewing reliable sources of publicly available online information, through the following process:
- > We identify datasets from international and national sources with details of named human rights defenders killed, such as the Frontline Defenders annual report and the Programa Somos Defensores annual report on Colombia, and then research each case.
- > We set up search-engine alerts using keywords and conduct other searches online to identify relevant cases across the world.

Where possible or necessary, we check with in-country or regional partners to gather further information on the cases. We work with approximately 30 different local, national and regional organisations across over 20 countries to do this.

To meet our criteria, a case must be supported by the following available information:

- > Credible, published and current online sources of information.
- > Details about the type of act and method of violence, including the date and location.
- > Name and biographical information about the victim.
- > Clear, proximate and documented connections to an environmental or land issue.

Sometimes we will include a case that does not meet the criteria outlined above, where a respected local organisation provides us with compelling evidence that is not available online, based on their own investigations.

Global Witness includes friends, colleagues and the family of murdered Land and Environmental Defenders in its database if a) they appear to have been murdered as a reprisal for the defender's work, or b) they were killed in an attack that also left the defender dead.

Global Witness also records forced disappearances of Land and Environmental Defenders, checking each case for an update a minimum of six months after the disappearance. In cases where the individual remains disappeared, it is recorded as a killing.

Our data on killings is likely to be an underestimate, given that many murders go unreported, particularly in rural areas and in particular countries. Our set of criteria can't always be met by a review of public information like newspaper reports or legal documents, nor through local contacts - having this strict methodology therefore means our figures do not represent the scale of the problem, and we are constantly working to improve this.

In summary, the figures presented in this report should be considered as only a partial picture of the extent of killings of Land and Environmental Defenders across the world in 2021. We identified relevant cases in 17 countries in 2021, but it is likely that attacks affecting Land and Environmental Defenders also occurred in other countries where human rights violations are widespread. Reasons why we may not have been able to document such cases in line with our methodology and criteria include:

- > Limited presence of civil society organisations, NGOs and other groups monitoring the situation.
- > Government suppression of the media and other information outlets.
- > Wider conflicts and/or political violence, including between communities, that make it difficult to identify specific cases.

Acknowledgements

We are grateful to all those who work tirelessly, often at great risk and sometimes with limited resources, to support defenders. Without the diligent documentation of the following organisations, it would simply be impossible for Global Witness to maintain its database and produce this report. Over the last ten years, we have been particularly grateful for the assistance provided by:

Aci-Participa, Honduras

Alianza Mesoamericana de Pueblos y Bosques

ALL RISE, South Africa

Amnesty International

Bufete Jurídico Justicia para los pueblos, Mexico

Business and Human Rights Resource Centre

Centro de Asistencia Legal a Pueblos Indígenas (CALPI), Nicaragua

Centro por la Justicia y Derechos Humanos de la Costa Atlántica Norte de Nicaragua (CEJUDHCAN), Nicaragua

Centro Mexicano de Derecho Ambiental (CEMDA), Mexico

Comissão Pastoral da Terra (CPT), Brazil

Comité Cerezo, Mexico

Comité Municipal de Defensa de los Bienes Comunes y Públicos de Tocoa, Colón, Honduras

Coordinadora Nacional de Derechos Humanos, Peru

Corporación Regional Yariguíes – Grupo de Estudios Sociales Extractivos y Ambientales del Magdalena Medio, Colombia

Crude Accountability

Defenders Protection Initiative, Uganda

Diakonia, Honduras

Felipe Milanez, Brazil

Front Line Defenders

Hivos, Latin America

Human Rights Defenders Alert (HRDA)

Human Rights Watch

Instituto Nacional de Derechos Humanos, Chile

Kalikasan PNE, Philippines

Lembaga Studi dan Advokasi Masyarakat (ELSAM), Indonesia

Mexicali Resiste, Mexico

Mfolozi Community Environmental Justice Organisation (MCEJO), South Africa

Odevi, Venezuela

Office of the United Nations High Commissioner for Human Rights, Colombia

Peace Brigades International (PBI)

People's Watch, India

Proética, Peru

Programa Somos Defensores, Colombia

Protection International, Indonesia

Protection International, Thailand

Radio Progreso & Equipo de Reflexión, Investigación y Comunicación (ERIC-SJ), Honduras

Southern Africa Human Rights Defenders, South Africa

Tskini AC, Mexico

Unidad de Protección a Defensoras y Defensores de Derechos Humanos (UDEFEUGUA), Guatemala

Virunga National Park, Democratic Republic of Congo

WALHI Sulawesi Selatan, Indonesia

Thank you also to those that have assisted with the editing, design and images, and translation of this report. The Global Witness Land and Environmental Defenders campaign team would like to recognise their amazing colleagues. Without the hard work of the Global Witness communications team and this year the support of BB Partners, development, facilities, finance, human resources, IT, legal and management departments – as well as everybody else who keeps the organisation running – Global Witness would not be able to support those brave defenders on the front line of the struggle for human rights and our planet's future. Thank you.



A climate justice rally and march organised by the COP26 Coalition took place in Glasgow, UK, on 6 November 2021. This was part of the Global March for Climate Justice, with actions happening across the world. *Jasmin Qureshi/Global Witness*

Endnotes

- 1 'Human rights defenders & business in 2021: Protecting the rights of people driving a just transition', Business & Human Rights Resource Centre, 5 April 2022 <https://www.business-humanrights.org/en/from-us/briefings/hrds-2021/> (accessed 5 July 2022); 'Land and Environmental Defenders Attacked at Higher Rates than Previously Thought', International Land Coalition, 22 April 2022 <https://www.landcoalition.org/en/newsroom/land-and-environmental-defenders-attacked-at-higher-rates-than-previously-thought/> (accessed 14 August 2022)
- 2 'Nicaragua: Harassment and killings of human rights defenders', Protect Defenders EU, 15 September 2021 <https://protectdefenders.eu/nicaragua-harassment-and-killings-of-human-rights-defenders/> (accessed 6 July 2022); 'Indígenas denuncian inacción de las autoridades ante masacre en cerro Kiwakumbaih', El Canal Del Orgullo Nicaragüense, Sanchez, L V., 01 September 2021 <https://www.vostv.com.ni/nacionales/19774-indigenas-denuncian-inaccion-de-las-autoridades-an/> (accessed 14 August 2022)
- 3 'The Escazú Agreement enters into force', Volterra Fietta, E-newsletter <https://www.voltterafietta.com/the-escazu-agreement-enters-into-force/> (accessed 14 August 2022); 'Escazú Agreement Enters into Force in Latin America and the Caribbean on International Mother Earth Day', United Nations Economic Commission for Latin America and the Caribbean, 22 April 2021 <https://www.cepal.org/en/pressreleases/escazu-agreement-enters-force-latin-america-and-caribbean-international-mother-earth> (accessed 14 August 2022)
- 4 'The Escazú Agreement: A landmark regional treaty for environmental defenders', Universal Rights Group, 10 February 2021, <https://www.universal-rights.org/contemporary-and-emerging-human-rights-issues/the-escazu-agreement-a-landmark-regional-treaty-for-environmental-defenders/> (accessed 24 July 2022)
- 5 Regional Agreement on Access to Information, Public Participation and Justice in Environmental Matters in Latin America and the Caribbean, Observatory on Principle 10 in Latin America and the Caribbean <https://observatoriop10.cepal.org/en/treaties/regional-agreement-access-information-public-participation-and-justice-environmental> (accessed 26 August 2022)
- 6 'Organized crime and corrupt officials responsible for Mexico's disappearances, UN says', Lakhani, N., The Guardian, 12 April 2022 <https://www.theguardian.com/world/2022/apr/12/organized-crime-corrupt-officials-mexico-enforced-disappearances-un>; 'CED – Convention for the Protection of All Persons from Enforced Disappearance 22 Session (28 Mar 2022 – 08 Apr 2022) – Mexico – Report on CED visit to Mexico – 1st report – Findings', United Nations Human Rights Treaty Bodies, UN Treaty Body Database https://tbinternet.ohchr.org/_layouts/15/treatybodyexternal/SessionDetails1.aspx?SessionID=2531&Lang=en (accessed 14 August 2022)
- 7 'Sonoran Officials Find Remains Believed to be Missing Yaqui Men', Fronteras, 23 September 2021 <https://fronterasdesk.org/content/1719252/sonoran-officials-find-remains-believed-be-missing-yaqui-men#:~:text=Sonoran%20Officials%20Find%20Remains%20Believed%20To%20Be%20Missing%20Yaqui%20Men,-By%20Kendal%20Blust&text=It's%20been%20two%20months%20since,town%20in%20neighboring%20Sonora%2C%20Mexico.> (accessed 24 July 2022); 'Remains identified of 5 Yaqui men who disappeared in July in Sonora', Mexico News Daily, 28 September 2021 <https://mexiconewsdaily.com/news/remains-identified-of-5-yaqui-men-who-disappeared-in-july-in-sonora/> (accessed 14 August 2021)
- 8 Inter-American Commission on Human Rights. Chapter IV a, Human Rights Development in the Region. Paragraph. 709 <http://www.oas.org/en/iachr/docs/annual/2021/Chapters/IA2021cap4A-en.pdf>; 'Integral Protection Policies for Human Rights Defenders, Inter-American Commission on Human Rights 29 December 2017, para.45, 94-96 <https://www.oas.org/en/iachr/reports/pdfs/defensores-eng-2017.pdf> (accessed 17 August 2022)
- 9 'El tamaño de la impunidad en México', Impunidad Cero, 2022 <https://www.impunidadcero.org/impunidad-en-mexico/#/> (accessed 25 July 2022)
- 10 'Emiten alerta rosa por desaparición de la ambientalista oaxaqueña Irma Galindo', Proceso, 10 November 2021 <https://www.proceso.com.mx/nacional/2021/11/10/emiten-alerta-rosa-por-desaparicion-de-la-ambientalista-oaxaqueña-irma-galindo-275590.html> (accessed 24 July 2022); 'Lanzan Alerta Rosa para localizar a Irma Galindo, defensora del bosque en Atlatlahuca, Oaxaca', Jiménez, C., El Universal Oaxaca, 10 November 2021 <https://oaxaca.eluniversal.com.mx/sociedad/lanzan-alerta-rosa-para-localizar-irma-galindo-defensora-del-bosque-en-atlatlahuca-oaxaca> (accessed 14 August 2022)
- 11 'Mexico faces regressive policies in the defence and protection of environmental rights', Global Witness, 30 November 2020 <https://www.globalwitness.org/en/blog/escazu-environmentaldefenders-cemda/> (accessed 15 August 2022);
- 12 '2020 Report on the Situation of Environmental Human Rights Defenders in Mexico', CEMDA, 2020 https://www.cemda.org.mx/wp-content/uploads/2022/01/CEMDA_INFORME_MAUQUETACION-ingles-2.pdf (accessed 18 August 2022)
- 13 The full text of the Peace Agreement is here: <https://www.eltiempo.com/contenido/politica/proceso-de-paz/ARCHIVO/ARCHIVO-16682558-0.pdf> (accessed 15 August 2022)
- 14 'Killing of Nasa Woman Human Rights Defender Sandra Liliana Peña Chocué', Frontline Defenders <https://www.frontlinedefenders.org/en/case/killing-nasa-woman-human-rights-defender-sandra-liliana-pena-chocue> (accessed 15 August 2022); 'Nasa Indigenous Governor Sandra Liliana Peña Chocué shot and killed', ABColombia, 23 April 2021 <https://www.abcolombia.org.uk/nasa-indigenous-leader-killed/> (accessed 15 August 2022)
- 15 'Denuncian asesinato de líder social Ángel Miro Cartagena en Antioquia', Noticias Caracol, 20 June 2021 <https://noticias.caracoltv.com/antioquia/denuncian-asesinato-de-lider-social-angel-miro-cartagena-en-antioquia> (accessed 15 August 2022)
- 16 'Paramilitarism in a Post-Demobilization Context? Insights from the Department of Antioquia in Colombia', Wienand, S., and Tremaria, S., European Review of Latin American and Caribbean Studies, No. 103 (2017): January-June, pp. 25-50 www.erlacs.org
- 17 'Asesinan al líder social Ángel Miro Cartagena en Dabeiba, Antioquia, Contagi Radio, 21 June 2021 <https://www.contagioradio.com/asesinan-al-lider-social-angel-miro-cartagena-en-dabeiba-antioquia/> (accessed 15 August 2022)
- 18 'Threats to Environmental and Human Rights Defenders in Brazil: Legal and Policy Gaps', OECD Watch, FIDH, The Observatory for the Protection of Human Rights Defenders, OMCT-SOS Torture Network, March 2022, p.9 <https://www.oecdwatch.org/wp-content/uploads/sites/8/2022/03/Bridging-Brazilian-governance-gaps-Environmental-and-human-rights-defenders-2.pdf> (accessed 7 July 2022)
- 19 Threats to Environmental And Human Rights Defenders In Brazil: Legal And Policy Gaps', OECD Watch, FIDH, The Observatory for the Protection of Human Rights Defenders, OMCT-SOS Torture Network, March 2022 <https://www.oecdwatch.org/wp-content/uploads/sites/8/2022/03/Bridging-Brazilian-governance-gaps-Environmental-and-human-rights-defenders-2.pdf> (accessed 7 July 2022); 'Killing Of Human Rights Defender And Landless Worker Fernando Dos Santos Araújo', Frontline Defenders, <https://www.frontlinedefenders.org/en/case/killing-human-rights-defender-and-landless-worker-fernando-dos-santos-ara%C3%BAjo> (accessed 7 July 2022)
- 20 'Justice for Isac Tembé!', Rossi, C., Amazon Watch, 19 February 2021 <https://amazonwatch.org/news/2021/0219-justice-for-isac-tembe> (accessed 7 July 2022)
- 21 'The Day Tuticorin Burned. Part III English'. People's Inquest into Thoothukudi Police Firing June 2018, p.21 <https://www.peopleswatch.org/reports/fact-finding/day-tuticorin-burned> (accessed 3 August 2022)
- 22 'No Warning: Witnesses describe how police shot and killed smelter protesters in Thoothukudi', Varadhan, S., Reuters, 29 May 2018 <https://www.reuters.com/article/vedanta-smelter-insight-idINKCN1IU1W9?edition-redirect=in>; Sterlite Copper <https://www.sterlitecopper.com/> (accessed 15 August 2022);

- 23** 'The Summer That Shook Thoothukudi: A Brief Look at the People's Inquest Report into Thoothukudi Police Firing', People's Watch, 15 July 2018 <https://www.peopleswatch.org/reports/fact-finding/summer-shook-thoothukudi> (accessed 5 August 2022)
- 24** 'No Warning: Witnesses describe how police shot and killed smelter protesters in Thoothukudi', Varadhan, S., Reuters, 29 May 2018 <https://www.reuters.com/article/vedanta-smelter-insight-idINKCN1IU1W9?edition-redirect=in>;
- 25** 'The Summer That Shook Thoothukudi: A Brief Look at the People's Inquest Report into Thoothukudi Police Firing', People's Watch, 15 July 2018 <https://www.peopleswatch.org/reports/fact-finding/summer-shook-thoothukudi> (accessed 15 August 2022)
- 26** *ibid.*
- 27** 'Three Years After Thoothukudi Burned', People's Watch, 22 May 2022, p.15-16 <https://www.peopleswatch.org/reports/fact-finding/three-years-after-thoothukudi-burned> (accessed 5 August 2022); 'Thoothukudi firing: Inquiry Commission report names top police officials for violations', Frontline, 23 August 2022 (accessed 23 August 2022); 'Government will table in Assembly report on Tuticorin firing', Times Of India, 21 August 2022 <https://timesofindia.indiatimes.com/city/chennai/government-will-table-in-assembly-report-on-tuticorin-firing/articleshow/93684552.cms> (accessed 23 August 2022)
- 28** 'Vedanta's controversial history in India', Brut media <https://www.brut.media/in/news/vedanta-s-controversial-history-in-india-24f293e3-ee32-4cb8-a5bd-397922b4005d> (accessed 1 August 2022); 'Dongria Kondhs in Odisha Win against Vedanta as Supreme Court Bans Mining in Niyamgiri', Land Conflict Watch, 22 October 2016 <https://www.landconflictwatch.org/conflicts/tribals-in-niyamgiri-protest-against-bauxite-mining-by-vedanta-limited> (accessed 1 August 2022)
- 29** 'Human rights defenders & business in 2021: Protecting the rights of people driving a just transition', Business and Human Rights Resource Centre, 5 April 2022 <https://www.business-humanrights.org/en/from-us/briefings/hrds-2021/> (accessed 1 August 2022)
- 30** 'Joint statement In Response to the EU-India human rights dialogue: Calling on the EU to address reprisals against human rights defenders in India', Human Rights Defenders Alert – India, 26 July 2022 <https://hrdaindia.org/joint-statement-in-response-to-the-euindia-human-rights-dialogue-calling-on-the-eu-to-address-reprisals-against-human-rights-defenders-in-india> (accessed 1 August 2022)
- 31** 'Land and Environmental Defenders: annual report archive', Global Witness <https://www.globalwitness.org/en/campaigns/environmental-activists/land-and-environmental-defenders-annual-report-archive/>
- 32** 'A Hidden Crisis', Global Witness, 19 June 2012, p.2 <https://www.globalwitness.org/en/campaigns/environmental-activists/hidden-crisis/> (accessed 18 August 2022); 'Last Line of Defence: The industries causing the climate crisis and attacks against Land and Environmental Defenders', Global Witness, September 2021, p.10 <https://www.globalwitness.org/en/campaigns/environmental-activists/last-line-defence/> (accessed 18 August 2022)
- 33** 'Indigenous-led Conservation in the Amazon: A win-win-win solution', Amazon Frontlines, February 2019 <https://amazonfrontlines.org/chronicles/indigenous-conservation-amazon/> (accessed 18 August 2022); 'Indigenous best Amazon stewards, but only when property rights assured: Study', Branford, S., Mongabay <https://news.mongabay.com/2020/08/indigenous-best-amazon-stewards-but-only-when-property-rights-assured-study/> (accessed 18 August 2022)
- 34** 'Organized crime drives violence and deforestation in the Amazon, study shows', Brown, S., Mongabay, 1 August 2022 <https://news.mongabay.com/2022/08/organized-crime-drives-violence-and-deforestation-in-the-amazon-study-shows/> (accessed 23 August 2022); 'Brazil Exports', Trading Economics <https://tradingeconomics.com/brazil/exports> (accessed 18 August 2022); Brazil Country Profile, The Observatory of Economic Complexity, <https://oec.world/en/profile/country/bra> (accessed 18 August 2022)
- 35** 'Land conflicts in Brazil break record under Bolsonaro', Ennes, J., Mongabay, 2 June 2021 <https://news.mongabay.com/2021/06/land-conflicts-in-brazil-break-record-in-2020-under-bolsonaro/> (accessed 18 August 2022); 'The battle for Brazil's indigenous land heats up', France 24, 12 July 2021 <https://www.france24.com/en/live-news/20210712-the-battle-for-brazil-s-indigenous-land-hots-up> (accessed 18 August 2024)
- 36** 'Brazil: Indigenous Rights Under Serious Threat', Human Rights Watch, 9 August 2022 <https://www.hrw.org/news/2022/08/09/brazil-indigenous-rights-under-serious-threat> (accessed 18 August 2022); 'Igniting global outrage, Brazil's Bolsonaro baselessly blames NGOs for Amazon fires', Boadle, A., Stargardt, G., Reuters, 21 August 2021 <https://www.reuters.com/article/us-brazil-politics-idUSKCN1VB1BY> (accessed 18 August 2022); 'Jair Bolsonaro launches assault on Amazon rainforest protections', Phillips, D., The Guardian, 2 January 2019 <https://www.theguardian.com/world/2019/jan/02/brazil-jair-bolsonaro-amazon-rainforest-protections> (accessed 18 August 2022); 'Brazil guts agencies, 'sabotaging environmental protection' in Amazon: Report', Branford, S., and Borges, T., 1 February 2022 <https://news.mongabay.com/2021/02/brazil-guts-agencies-sabotaging-environmental-protection-in-amazon-report/> (accessed 23 August 2022)
- 37** 'There is a war on nature. Dom Phillips was killed trying to warn you about it', Watts, J., The Guardian, 16 June 2022 <https://www.theguardian.com/commentisfree/2022/jun/16/dom-phillips-bruno-pereira-death-war-on-nature> (accessed 24 July 2022)
- 38** 'Javari valley: the lawless primal wilderness where Dom Phillips went missing', Collins, D., The Guardian, 9 June 2022 <https://www.theguardian.com/world/2022/jun/09/dom-phillips-javari-valley-brazil-amazon-cocaine-smuggling> (accessed 25 July 2022); 'Bruno Pereira: the dedicated defender of Indigenous rights missing in Brazil', Downie, A., and Barretto B., The Guardian, 8 June 2022 <https://www.theguardian.com/world/2022/jun/08/bruno-pereira-missing-indigenous-rights-defender-brazil-amazon>
- 39** 'Human Rights in Colombia and implementation of the 2016 peace agreement', 12 April 2022, House of Commons <https://commonslibrary.parliament.uk/research-briefings/cdp-2021-0119/> (accessed 18 August 2022)
- 40** 'Teatro De Sombras', Informe anual 2021, Programa Somos Defensores <https://drive.google.com/file/d/1-cyEWpyRIGU57cO-kNZFHmcTvOJfLy/view> (accessed 7 July 2022)
- 41** 'Colombia: Authorities must comply with IACHR recommendations regarding human rights violations denounced in the context of the national strike', Amnesty International, 7 July 2022 <https://www.amnesty.org/es/latest/news/2021/07/colombia-las-autoridades-deben-cumplir-con-las-recomendaciones-de-la-cidh-relativas-a-las-violaciones-de-derechos-humanos-denunciadas-en-el-contexto-del-paro-nacional/> (accessed 7 July 2022); 'IACHR Completes Working Visit to Colombia and Issues Observations and Recommendations', Organisation of American States, 7 July 2021 https://www.oas.org/en/iachr/jsForm?File=/en/iachr/media_center/preleases/2021/167.asp#:~:text=Washington%2C%20D.C.%20%E2%80%93%20The%20Inter%2D,mechanism%20to%20overcome%20social%20conflict. (accessed 18 August 2022); 'Report of the United Nations High Commissioner for Human Rights on the situation of human rights in Colombia (A/HRC/49/19) (Unofficial English version)', 4 March 2022 <https://reliefweb.int/report/colombia/report-united-nations-high-commissioner-human-rights-situation-human-rights-0> (accessed 18 August 2022)
- 42** 'Export Markets' – Philippines', Australian Trade and Investment Commission <https://www.austrade.gov.au/australian/export/export-markets/countries/philippines/industries/mining#:~:text=The%20market,but%20those%20remain%20largely%20untapped.> (accessed 18 August 2022)
- 43** 'Republic of the Philippines. Department of Environment and Natural Resources. Mines and Geosciences Bureau'; 'Philippine groups slam 'cruel Christmas gift' as open-pit mining ban is lifted', Sarmiento, B., Mongabay, 11 January 2022 <https://news.mongabay.com/2022/01/philippine-groups-slam-cruel-christmas-gift-as-open-pit-mining-ban-is-lifted/>
- 44** 'Complete turnaround': Philippines' Duterte lifts ban on new mining permits', Chavez, L., Mongabay, 15 April 2021 <https://news.mongabay.com/2021/04/complete-turnaround-philippines-duterte-lifts-ban-on-new-mining-permits/> (accessed 7 July 2022); 'Philippine groups slam 'cruel Christmas gift' as open-pit mining ban is lifted', Sarmiento, B., Mongabay, 11 January 2022 <https://news.mongabay.com/2022/01/philippine-groups-slam-cruel-christmas-gift-as-open-pit-mining-ban-is-lifted/> (accessed 17 August 2022)
- 45** 'Full Text: President Marcos' inaugural speech', Rappler, 30 June 2022 <https://www.rappler.com/nation/full-text-philippine-president-marcos-jr-inaugural-speech/> (accessed 18 August 2022)
- 46** 'Missing: Environmental and human rights policies notably absent from Ferdinand Marcos Jr.'s first state of nation address', Cox, R., Global Witness blog, 26 July 2022 <https://www.globalwitness.org/en/blog/environmental-human-rights-policies-ferdinand-marcos-jrs-state-of-nation-address/>

- (accessed 3 August 2022); 'Philippines: Marcos Should Focus on Rights Issues', Human Rights Watch, 22 July 2022 <https://www.hrw.org/news/2022/07/22/philippines-marcos-should-focus-rights-issues> (accessed 18 August 2022)
- 47** 'Defending the Philippines: How broken promises are leaving Land and Environmental Defenders at the mercy of global business at all costs', Global Witness, 24 September 2019 <https://www.globalwitness.org/en/campaigns/environmental-activists/defending-philippines/> (accessed 18 August 2022); 'Mining Transparency Index 2017', Bantay Kita, 28 February 2018 <http://www.bantaykita.ph/for-publications/mining-transparency-index-2017>
- 48** Human Rights Watch. Annual Report (2012) Philippines Summary. Available from: <http://www.hrw.org/world-report-2012/world-report-2012-philippines> (accessed 25 July 2022); 'Situation of human rights in the Philippines Report of the United Nations High Commissioner for Human Rights', Human Rights Council. Forty-fourth session 15 June–3 July 2020 Agenda item 2. Annual report of the United Nations High Commissioner for Human Rights and reports of the Office of the High Commissioner and the Secretary-General <https://www.ohchr.org/en/press-releases/2020/06/philippines-un-report-details-widespread-human-rights-violations-and> (accessed 18 August 2022)
- 49** 'Invasion', YouTube https://www.youtube.com/watch?v=D3R5Uy5O_Ds (accessed 5 August 2022)
- 50** 'What you need to know about the Coastal GasLink pipeline conflict', Bellrichard, C., Barrera, J., CBC News, 12 February 2020 <https://www.cbc.ca/news/indigenous/wet-suwet-en-coastal-gaslink-pipeline-1.5448363> (accessed 5 August 2022); 'Request for Early Warning & Urgent Action Procedures. Submitted to: United Nations Committee on the Elimination of Racial Discrimination for consideration at its 105th Session (15 November 2021 – 3 December 2021) in relation to: Update on the imminent threat to Indigenous People and territories in British Columbia, Canada, 23 November 2021
- 51** 'Request for Early Warning & Urgent Action Procedures. Submitted to: United Nations Committee on the Elimination of Racial Discrimination for consideration at its 105th Session (November 15, 2021 – December 3, 2021) In relation to: Update on the Imminent Threat to Indigenous People and Territories in British Columbia, Canada. 23 November 2021'; 'Invasion', YouTube https://www.youtube.com/watch?v=D3R5Uy5O_Ds (accessed 5 August 2022); Request for early warning and urgent action procedures. Submitted to: United Nations Committee on the Elimination of Racial Discrimination for consideration at its 100th Session (25 Nov 2019 – 13 Dec 2019) In relation to: Imminent threat to Indigenous Peoples and territories in British Columbia, Canada. Submitted by: Justice for Girls Outreach Society 29 November 2019
- 52** 'Request for Early Warning & Urgent Action Procedures. Submitted to: United Nations Committee on the Elimination of Racial Discrimination for consideration at its 105th Session (15 November 2021 – 3 December 2021) In relation to: Update on the Imminent Threat to Indigenous People and Territories in British Columbia, Canada. 23 November 2021'
- 53** Ibid.
- 54** 'Five Things You Should Know About the Wet'Sewet'en' Fight for their Rights', Council Of Canadians, 24 February 2020 <https://canadians.org/analysis/five-things-you-should-know-about-wetsuwetens-fight-their-rights/> (accessed 5 August 2022) <https://theconversation.com/how-canada-committed-genocide-against-indigenous-peoples-explained-by-the-lawyer-central-to-the-determination-162582>
- 55** 'How Canada committed genocide against Indigenous peoples, explained by the lawyer central to the determination', Lafontaine, F., 11 June 2022
- 56** 'Uneven Ground: Land Inequality at the heart of unequal societies', International Land Coalition, 24 November 2020 <https://www.landcoalition.org/en/uneven-ground/> (accessed 3 July 2022); 'Unearthed: Land, Power and Inequality In Latin America, Oxfam International, November 2016 https://www.cdn.oxfam.org/s3fs-public/file_attachments/bp-land-power-inequality-latin-america-301116-en.pdf
- 57** 'Uneven Ground: Land Inequality at the heart of unequal societies', International Land Coalition, 24 November 2020 <https://www.landcoalition.org/en/uneven-ground/> (accessed 3 July 2022)
- 58** Ibid.
- 59** 'Brazil: Country with the highest murder rate of Land and Environmental Defenders in the world', Conectas, 24 July 2018 <https://www.conectas.org/en/noticias/murder-rate-land-environmental-defenders/> (accessed 25 July 2022)
- 60** 'Novel study maps out the inequality of land distribution and ownership in Brazil', Trade Development & the Environment Hub, 10 August 2020 <https://tradedev.hub/2020/08/10/novel-study-maps-out-the-inequality-of-land-distribution-and-ownership-in-brazil/> (accessed 3 July 2022)
- 61** 'Colombia's challenge: addressing land inequality and consolidating peace', Land Portal <https://www.landportal.org/blog-post/2021/02/columbias-challenge-addressing-land-inequality-and-consolidating-peace> (accessed 3 July 2022)
- 62** 'Crime-Conflict Nexus: Criminal Agendas and Peace Negotiations – The Case of Colombia', de Boer, J., Bosetti, L., Garzón-Vergara, J., United Nations University Centre for Policy Research <https://cpr.unu.edu/research/projects/criminal-agendas-and-peace-negotiations-the-case-of-colombia.html> (accessed 25 July 2022)
- 63** 'Dispossession and accumulation: violence, pacification and land conflicts in Colombia', Grajales, J., Critique internationale, 2017/2 (No 75), p. 21-36. URL: <https://www.cairn-int.info/journal-critique-internationale-2017-2-page-21.htm> (accessed 18 August 2022); 'Territory is Everything': Afro-Colombian Communities, Human Rights and Illegal Land Grabs HRLR Online May 27, 2020, Columbia Human Rights Law Review <https://hrlr.law.columbia.edu/hrlr-online/territory-is-everything-afro-colombian-communities-human-rights-and-illegal-land-grabs/> (accessed 18 August 2022)
- 64** 'A Snapshot Of Inequality: What The Latest Agricultural Census Reveals About Land Distribution in Colombia', Oxfam, 10 July 2017 <https://www.oxfam.org/en/research/snapshot-inequality> (accessed 3 July 2022)
- 65** 'Uneven Ground: Land Inequality at the heart of unequal societies', International Land Coalition, 24 November 2020 <https://www.landcoalition.org/en/uneven-ground/> (accessed 3 July 2022)
- 66** Ibid.
- 67** Land Matrix <https://landmatrix.org/> (accessed 18 August 2022)
- 68** 'Tainted Lands: Corruption in Large-Scale Land Deals', Global Witness, 15 November 2015 <https://www.globalwitness.org/en/campaigns/land-deals/tainted-lands-corruption-large-scale-land-deals/> (accessed 4 July 2022); 'Land and Investments', Land Portal <https://landportal.org/issues/land-and-investments> (accessed 18 August 2022)
- 69** 'Tainted Lands: Corruption in Large-Scale Land Deals', Global Witness, 15 November 2015, p.28-29 <https://www.globalwitness.org/en/campaigns/land-deals/tainted-lands-corruption-large-scale-land-deals/> (accessed 4 July 2022)
- 70** 'The Global Expansion of Authoritarian Rule', Freedom House, 2022 <https://freedomhouse.org/report/freedom-world/2022/global-expansion-authoritarian-rule> (accessed 4 July 2022)
- 71** 'The Global Expansion of Authoritarian Rule', Freedom House, 2022 <https://freedomhouse.org/report/freedom-world/2022/global-expansion-authoritarian-rule> (accessed 4 July 2022)' See Civicus Monitor – Brazil country profile <https://monitor.civicus.org/country/brazil/> and India country profile <https://monitor.civicus.org/country/india/> (accessed 18 August 2022); 'Brazil: Bill amending Anti-Terrorism Law violates human rights', OMCT (World Organisation Against Torture) 25 October 2021 <https://www.omct.org/en/resources/news-releases/brazil-bill-amending-anti-terrorism-law-violates-human-rights> (accessed 24 August 2022); 'Brazil: Reject Anti-Indigenous Rights Bill', Human Rights Watch, 24 August 2021 (accessed 24 August 2022); 'India: UN slams anti-terror laws amid controversial arrests', Krishnan, M., Deutsche Welle, 6 December 2022 <https://www.dw.com/en/india-un-slams-anti-terror-laws-amid-controversial-arrests/a-60034650> (accessed 24 August 2022); 'Indian law on foreign funding a 'tool to silence' civil society', Swart, M., Al Jazeera <https://www.aljazeera.com/news/2020/11/13/restrictions-on-funding-of-indian-civil-society> (accessed 24 August 2022)
- 72** European Center For Constitutional And Human Rights <https://www.ecchr.eu/en/topic/shrinking-spaces/> (accessed 4 July 2022)
- 73** 'Civic Space on a Downward Spiral', Civicus Monitor Findings 2020 <https://findings2020.monitor.civicus.org/downward-spiral.html> (accessed 18 August 2022)
- 74** 'Impunity for killings of human rights defenders remains a key driver for more murders, Special Rapporteur on the situation of human rights defenders tells Human Rights Council', United Nations Human Rights Office of the High Commissioner, 5 March 2021 <https://www.ohchr.org/en/press->

[releases/2021/03/impunity-killings-human-rights-defenders-remains-key-driver-more-murders](#) (accessed 24 August 2022)

75 'Crime and no punishment: Impunity shrouds killings of Indigenous Amazonian defenders', Espinoza, V., Alvires, G., Mongabay, 17 August 2022 <https://news.mongabay.com/2022/08/crime-and-no-punishment-impunity-shrouds-killings-of-indigenous-amazonian-defenders/> (accessed 18 August 2022); 'UN human rights experts call for independent probe into Philippines violations', United Nations Human Rights Office of the High Commissioner, 7 June 2019 <https://www.ohchr.org/en/press-releases/2019/06/un-human-rights-experts-call-independent-probe-philippines-violations> (accessed 18 August 2022)

76 'Towards an Effective Investigation of Threats Against Human Rights Defenders', CEJIL, 2021 <https://cejil.org/wp-content/uploads/2021/12/Survey-PLE.pdf>; 'Berta Cáceres Murder Report Underscores Criminal Ties of Honduras Business, State', Asman, P., Insight Crime, 1 November 2017 <https://insightcrime.org/news/analysis/bertha-caceres-murder-coordinated-plot-made-months-prior-report/>

77 'Dealing with Disclosure', Global Witness, 19 April 2012 <https://www.globalwitness.org/en/campaigns/land-deals/dealing-disclosure/> (accessed 18 August 2022)

78 'Our global food system is the primary driver of biodiversity loss', UN Environment Programme, 3 February 2021 <https://www.unep.org/news-and-stories/press-release/our-global-food-system-primary-driver-biodiversity-loss> (accessed 18 August 2022); 'Explainer: Can climate change and biodiversity loss be tackled together?', Carbon Brief, 16 June 2022 <https://www.carbonbrief.org/explainer-can-climate-change-and-biodiversity-loss-be-tackled-together/> (accessed 18 August 2022)

79 'Reserva de la Biosfera Sierra de Manantlán', Lonely Planet – Mexico <https://www.lonelyplanet.com/mexico/western-central-highlands/inland-colima-state/attractions/reserva-de-la-biosfera-sierra-de-manantlan/a-poisig/1562623/361672> (accessed 5 August 2022)

80 UNESCO – Biosphere Reserves <https://en.unesco.org/biosphere/lac/sierra-de-manatlan> (accessed 5 August 2022)

81 'Tras probable ejecución extrajudicial de opositor a mina Peña Colorada, exigen que federación investigue', Pie de Página, 12 April 2021 <https://piedepagina.mx/tras-probable-ejecucion-extrajudicial-de-opositor-a-mina-pena-colorada-exigen-que-federacion-investigue/> (accessed 5 August 2022)

82 'La "guerra" contra el Congreso Nacional Indígena', Camacho, Z., Contra Linea, 17 June 2019 <https://contralineacom.mx/investigacion/la-guerra-contra-el-congreso-nacional-indigena/> (accessed 5 August 2022); 'Los pueblos indios pagan caro negarse a desaparecer y defender su territorio', Ojarasca, <https://www.jornada.com.mx/2010/02/20/oja154-lospueblos.html> (accessed 5 August 2022)

83 'Tras probable ejecución extrajudicial de opositor a mina Peña Colorada, exigen que federación investigue', Pie de Página, 12 April 2021 <https://piedepagina.mx/tras-probable-ejecucion-extrajudicial-de-opositor-a-mina-pena-colorada-exigen-que-federacion-investigue/> (accessed 5 August 2022); According to Orbis data

84 'Tras probable ejecución extrajudicial de opositor a mina Peña Colorada, exigen que federación investigue', Pie de Página, 12 April 2021 <https://piedepagina.mx/tras-probable-ejecucion-extrajudicial-de-opositor-a-mina-pena-colorada-exigen-que-federacion-investigue/> (accessed 5 August 2022)

85 'Business support for HRDs & civic freedoms', Business & Human Rights Resource Centre <https://www.business-humanrights.org/en/big-issues/human-rights-defenders-civic-freedoms/how-companies-investors-can-support-hrds/> (accessed 7 July 2022)

86 Business and Human Rights In Law. Key Developments <http://www.bhrinlaw.org/key-developments> (accessed 18 August 2022)

87 'Crimes that affect the environment', UN Office on Drugs and Crime <https://www.unodc.org/unodc/en/environment-climate/> (accessed 18 August 2022)

88 See 'A Hidden Crisis', Global Witness, 19 June 2012, <https://www.globalwitness.org/en/campaigns/environmental-activists/hidden-crisis/> and subsequent annual reports on environmental defenders from Global Witness <https://www.globalwitness.org/en/campaigns/environmental-activists/land-and-environmental-defenders-annual-report-archive/> (accessed 3 August 2022)

89 'We are killing species at 1000 times the natural rate', Aldhous, P., New Scientist, 29 May 2014 <https://www.newscientist.com/article/dn25645-we-are-killing-species-at-1000-times-the-natural-rate/> (accessed 3 August 2022); WWF https://www.panda.org/discover/our_focus/biodiversity/biodiversity/ (accessed 3 August 2022)

90 'Humans need to value nature as well as profits to survive, UN report finds', Weston, P., The Guardian, 11 July 2022 <https://www.theguardian.com/environment/2022/jul/11/humans-value-nature-survive-un-report-age-of-extinction> (accessed 25 July 2022); 'UN report: Value of nature must not be overridden by pursuit of short-term profit', UN News, United Nations, 11 July 2022 <https://news.un.org/en/story/2022/07/1122322> (accessed 25 July 2022)

91 Units intended to represent reduced or avoided greenhouse gases

92 'Carbon offset transactions surge despite environmental concerns', Financial Times, 16 September 2021 <https://www.ft.com/content/5ca87325-0baf-47fb-85e0-b1e4746f46e9> (accessed 18 August 2022)

93 'REDD and Natural Climate Solutions are a massive distraction from real climate solutions', REDD-Monitor, 14 December 2021 <https://redd-monitor.org/2021/12/14/redd-and-natural-climate-solutions-are-a-massive-distraction-from-real-climate-solutions/> (accessed 30 June 2022); 'Carbon trading continues: What's wrong with the voluntary market', Global Witness, 24 May 2022, <https://www.globalwitness.org/en/campaigns/greenwashing/carbon-trading-continues-whats-wrong-with-the-voluntary-market/> (accessed 30 June 2022)

94 'The biggest problem with carbon offsetting is that it doesn't really work', Al Ghussain, A., Greenpeace UK <https://www.greenpeace.org.uk/news/the-biggest-problem-with-carbon-offsetting-is-that-it-doesnt-really-work/> (accessed 18 August 2022); 'A dangerous distraction – the offsetting con', Childs, M., and de Zylva, P., Friends of the Earth <https://policy.friendsoftheearth.uk/insight/dangerous-distraction-offsetting-con> (accessed 18 August 2022)

95 Status of Legal Recognition of Indigenous Peoples', Local Communities' and Afro-descendant Peoples' Rights to Carbon Stored in Tropical Lands and Forests. Communities and Proposed Nature-Based Solutions at High Risk due to Lack of Recognition of Land and Carbon Rights of Indigenous Peoples, Local Communities, and Afro-Descendant Peoples. Policy Brief. Rights and Resources, May 2021 <https://rightsandresources.org/wp-content/uploads/Carbon-Rights-Brief-6-pager-v8.pdf> (accessed 30 June 2022)

96 'A Big New Forest Initiative Sparks Concerns of a "Carbon Heist"', Pearce, F., Yale Environment 360, 28 October 2021 <https://e360.yale.edu/features/a-big-new-forest-initiative-sparks-concerns-of-a-carbon-heist> (accessed 30 June 2022)

97 'Human Rights Violations in Honduras linked to Aguan Biogas Project continue (Newsletter #13)', Carbon Market Watch, 4 April 2011 (accessed 30 June 2022); 'The Darker Side Of Green: Plantation Forestry And Carbon Violence In Uganda. The Case of Green Resources' Forestry-Based Carbon Markets', The Oakland Institute, 2019 https://www.oaklandinstitute.org/sites/oaklandinstitute.org/files/Report_DarkerSideofGreen_lorez.pdf; 'Evicted for carbon credits: New Oakland Institute report confirms forced evictions for Green Resources' plantations in Uganda', REDD-Monitor, 29 August 2019 <https://redd-monitor.org/2019/08/29/evicted-for-carbon-credits-new-oakland-institute-report-confirms-forced-evictions-for-green-resources-plantations-in-uganda/> (accessed 30 June 2022); 'Evicted for carbon credits: Norway, Sweden and Finland displace Ugandan farmers for carbon trading', The Oakland Institute, 16 August 2019 <https://www.oaklandinstitute.org/evicted-carbon-credits-green-resources> (accessed 18 August 2022)

98 'COP21 Highlights the risks that Land and Environmental Defenders face', Peace Brigades International <https://www.peacebrigades.org/en/cop21-highlights-risks-land-and-environmental-defenders-face> (accessed 18 August 2022)

99 In the final text, all references to these rights were relegated to the non-binding, aspirational words of the preamble. 'COP21 Highlights the risks that Land and Environmental Defenders face', Peace Brigades International <https://www.peacebrigades.org/en/cop21-highlights-risks-land-and-environmental-defenders-face> (accessed 30 June 2022)

100 <https://www.theguardian.com/environment/2021/nov/16/indigenous-climate-activists-cop26-endangers-native-communities>

101 Indigenous Climate Action <https://www.indigenousclimateaction.com/our-story> (accessed 18 August 2022); 'Guest post: An Indigenous peoples' approach to climate justice', McGregor, D., Carbon Brief, 8 October 2021

<https://www.carbonbrief.org/guest-post-an-indigenous-peoples-approach-to-climate-justice/> (accessed 24 August 2022)

102 '5 key points in the IPCC report on climate change impacts and adaptation', Climate Champions, UNFCCC, 4 March 2022 <https://climatechampions.unfccc.int/5-key-points-in-the-ipcc-report-on-climate-change-impacts-and-adaptation/#:~:text=The%20IPCC%20also%20finds%20that,unequally%20distributed%20around%20the%20world.&text=The%20IPCC%20cites%20evidence%20of,what's%20known%20as%20%E2%80%9Cmaladaptation%E2%80%9D.> (accessed 25 July 2022)

103 'Honduras: Five years after the murder of Berta Cáceres, indigenous and environmental defender, David Castillo, former executive of DESA, is found guilty of being a co-conspirator to the crime', Business and Human Rights Resource Centre, 6 July 2021 <https://www.business-humanrights.org/en/latest-news/honduras-five-years-after-the-murder-of-bertha-caceres-indigenous-and-environmental-defender-david-castillo-former-executive-of-desa-is-found-guilty-of-being-a-co-conspirator-to-the-crime/>

104 'Honduras: the deadliest country in the world for environmental activism', Global Witness, 31 January 2017 <https://www.globalwitness.org/en/campaigns/environmental-activists/honduras-deadliest-country-world-environmental-activism/> (accessed 18 August 2022); 'Berta Cáceres, Honduran human rights and environment activist, murdered', Watts, J., The Guardian, 4 March 2016 <https://www.theguardian.com/world/2016/mar/03/honduras-bertha-caceres-murder-environment-activist-human-rights> (accessed 18 August 2022)

105 'Honduras: man who planned Berta Cáceres's murder jailed for 22 years', The Guardian, 20 June 2022, <https://www.theguardian.com/world/2022/jun/20/honduras-man-who-planned-bertha-caceres-jailed-for-22-years>

106 'Honduras: man who planned Berta Cáceres's murder jailed for 22 years', The Guardian, 20 June 2022, <https://www.theguardian.com/world/2022/jun/20/honduras-man-who-planned-bertha-caceres-jailed-for-22-years>

107 'Landmark decision: Brazil Supreme Court sides with Indigenous land rights', Mongabay, 13 April 2021 <https://news.mongabay.com/2021/04/landmark-decision-brazil-supreme-court-sides-with-indigenous-land-rights/>

108 'Landmark decision: Brazil Supreme Court sides with Indigenous land rights', Mongabay, 13 April 2021 <https://news.mongabay.com/2021/04/landmark-decision-brazil-supreme-court-sides-with-indigenous-land-rights/>

109 'Frequently Asked Questions On Dutch District Court Legal Case', Shell, Updated 22 March 2022 https://www.shell.com/media/news-and-media-releases/2021/shell-confirms-decision-to-appeal-court-ruling-in-netherlands-climate-case/_jcr_content/par/grid_copy_copy_copy_/p0/textimage.stream/1647925854400/460167304a697f411be1b9f80c6e05be0ac057fb/dutch-district-legal-case-faq.pdf; 'A Dutch court rules that Shell must step up its climate change efforts', Reed, S., and Moses, C., New York Times, 28 October 2021 <https://www.nytimes.com/2021/05/26/business/royal-dutch-shell-climate-change.html> (accessed 24 August 2022)

110 'Indigenous communities in South Africa sue, protest off-shore oil and gas exploration', 10 December 2021, Mongabay, <https://news.mongabay.com/2021/12/indigenous-communities-in-south-africa-sue-protest-off-shore-oil-and-gas-exploration/>; 'In their Legal Victory over Shell, South Africa's Indigenous Communities Continue to Assert their Power', 7 February 2022, Hakai magazine <https://haimagazine.com/news/in-their-legal-victory-over-shell-south-africas-indigenous-communities-continue-to-assert-their-power/>

111 'Indonesia's Sangihe islanders score legal victory over mining company', 20 June 2022, Mongabay, <https://news.mongabay.com/2022/06/indonesias-sangihe-islanders-score-legal-victory-over-mining-company/>

112 'No Consent. Astra Agro Lestari's land grab in Central and West Sulawesi, Indonesia', Friends of the Earth United States & WALHI, March 2022 <https://foe.org/resources/astra-agro-lestari/> (accessed 18 August 2022)

113 'Fighting to Win: How an Indonesian Land Defender Stood up to Conflict Palm Oil', Friends of the Earth, 31 January 2022, <https://foe.org/blog/indonesian-land-defender/>; 'When we fight for our rights we can win:

Indonesian farmer's land returned after 15 years', WALHI and Milieu Defensie, January 2022

114 'Proposal for a Directive on corporate sustainability due diligence and annex', European Commission, 23 February 2022 https://ec.europa.eu/info/publications/proposal-directive-corporate-sustainable-due-diligence-and-annex_en (accessed 26 July 2022)

115 'A Chance At A Sustainable Future: Strengthening The EU's New Law', Global Witness, 4 April 2022 <https://www.globalwitness.org/en/campaigns/holding-corporates-account/can-eu-hold-companies-account/> (accessed 24 August 2022)

116 'Indecent Exposure: How EU investors and their subsidiaries are helping to bankroll human rights abuses and environmental destruction', Global Witness, 6 September 2018 <https://www.globalwitness.org/en/campaigns/land-deals/indecent-exposure/> (accessed 5 August 2022)

117 'IPCC Sixth Assessment Report: Impacts, Adaption and Vulnerability. Summary For Policymakers', Intergovernmental Panel On Climate Change, February 2022, D.1.1.1. <https://www.ipcc.ch/report/ar6/wg2/>

118 Corporate Climate Responsibility Monitor 2022, New Climate Institute, 7 February 2022 <https://newclimate.org/resources/publications/corporate-climate-responsibility-monitor-2022> (accessed 24 August 2022); 'The Climate Crisis – A Race We Can Win', United Nations <https://www.un.org/en/un75/climate-crisis-race-we-can-win> (accessed 24 August 2022)

119 The Paris Agreement, United Nations Framework Convention on Climate Change <https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement>

**FIND THE FACTS
EXPOSE THE STORY
CHANGE THE SYSTEM**

Challenging abuses of power to protect human rights and secure the future of our planet.

globalwitness.org

ISBN: 978-1-911606-67-3
September 2022

Global Witness is a company limited by guarantee and incorporated in England (No.2871809)

Global Witness 2022