# India vs Lexington AA

#### I affirm:

#### Plan text: A just Government of India ought to recognize an unconditional right of workers to strike against a government.

### Price Guarantees

#### Advantage 1 is Price Guarantees

#### Repeal isn’t enough---market prices wreck the ag sector---additional price guarantees are key

Suri and Mogul 12-2, Manveena Suri and Rhea Mogul. "India formally repeals controversial farm laws after year of protests ." CNN. 12-2-2021. https://www.cnn.com/2021/12/02/india/india-farm-law-repeal-intl-hnk/index.html

[**World**](https://www.cnn.com/world)

India has formally repealed three [contentious farm laws](https://edition.cnn.com/2021/11/26/india/india-farmers-protest-one-year-intl-hnk-dst/index.html) that sparked more than a year of protests, nearly two weeks after Prime Minister Narendra Modi was pushed into a [rare policy reversal](https://edition.cnn.com/2021/11/18/india/india-farm-law-repeal-modi-intl-hnk/index.html) that saw the legislation withdrawn.

The country's President Ram Nath Kovind signed a bill repealing the laws late Wednesday, after it was passed by the lower and upper houses of Parliament earlier this week.

Modi's ruling Bharatiya Janata Party (BJP) had insisted the reforms would modernize India's agricultural system. However, farmers said it could leave them open to exploitation and ruin their livelihood.

Previously, farmers had to sell their goods at auction, where they received at least the government agreed minimum support price (MSP) for some of their crops. The new laws aimed to loosen the rules around the sale and pricing of farm products that protected farmers from an unregulated free market.

For more than one year, farmers camped on the outskirts of India's capital to protest against the laws, arguing market forces would push prices even lower, and smaller farmers would find it hard to negotiate favorable deals with corporate giants.

The protests remain ongoing as farmers say they have a list of other demands that have not been met, including being legally entitled to a minimum support price for their entire crop, and more government support.

In India, farming is a political issue and the protests posed a rare challenge to the BJP.

Seven Indian states will hold elections early next year to determine whether the BJP will retain power. Modi's ruling party currently governs six of the seven states, including predominantly agricultural Uttar Pradesh.

Farmers are the biggest voting bloc in the country -- the agricultural sector sustains about 58% of India's 1.3 billion citizens. Angering the group could see Modi lose a sizable number of votes.

In an address to the nation on November 19, Modi said he would repeal the laws.

"Today I have come to tell you, the whole country, that we have decided to withdraw all three agricultural laws," Modi said, acknowledging the importance of farmers and the challenges they have faced.

#### Scenario 1 is the Economy:

#### India economy down now---farm market reforms are key

Emily **Schmall and** Hari **Kumar** | Published Feb. 1, 2021 Updated **02-02**, 2021 | India’s Modest Budget Signals Modi’s Limited Options | NYTimes | https://www.nytimes.com/2021/02/01/world/asia/india-budget-modi-economy.html

NEW DELHI — The world’s biggest economies are trying to borrow and spend their way out of the pandemic, from the European Union’s [$900 billion stimulus package](https://www.nytimes.com/2020/07/20/world/europe/eu-stimulus-coronavirus.html) to President Biden’s proposed [$1.9 trillion rescue plan](https://www.nytimes.com/2021/01/14/business/economy/biden-stimulus-plan.html).

Then there’s India.

Prime Minister Narendra Modi’s government on Monday proposed a nearly half-a-trillion-dollar budget for the 12 months beginning on April 1 that shows New Delhi is taking a largely conservative tack. Infrastructure and health care spending are set to rise significantly, but Mr. Modi’s budget also calls for reducing debt.

Over all, **spending would rise less than 1 percent at a time when India is suffering from** [**its worst recession in years**](https://www.nytimes.com/2020/11/27/business/economy/india-economy-covid-19.html) while battling the coronavirus. India’s economy, once one of the world’s fastest growing, is estimated to have **shrunk nearly 8 percent in the current fiscal year,** which will end on March 31.

“I don’t know why the **government is so hung up on being fiscally conservative** when the whole world is suggesting that this is the time, like no other, to be profligate,” said Mahesh Vyas, an economist and the chief executive of the Mumbai-based Center for Monitoring the Indian Economy.

“I don’t know any economist suggesting this line of policy,” he said.

The amount allocated toward defense, for example, totals only a fraction more than last year, **even as Indian and Chinese troops** [**face off**](https://www.nytimes.com/2021/01/25/world/asia/india-china-border.html) **along their** [**largely undefined high-mountain border**](https://www.nytimes.com/2020/06/17/world/asia/india-china-border-clashes.html)**.**

“This was only to be expected given the state of the Indian economy, but will certainly impact the military’s modernization,” said Lt. Gen. D.S. Hooda, India’s former commander of the area’s northern border with Pakistan and China.

In many ways, the budget reflects Mr. Modi’s difficult position. He remains [hugely popular](https://www.nytimes.com/2020/05/16/world/asia/coronavirus-modi-india.html), and the country’s opposition parties have not been able to [seriously challenge him](https://www.nytimes.com/2020/11/09/world/asia/india-bihar-election.html).

But **Mr. Modi’s** [**stringent lockdown**](https://www.nytimes.com/2020/03/25/world/asia/india-lockdown-coronavirus.html) **in March** [**cratered the economy**](https://www.nytimes.com/2020/09/05/world/asia/india-economy-coronavirus.html)**.** His government says the move saved countless lives, but it also cost jobs. Many people are still out of work or earning less.

[photo removed]

A government-run hospital in Kolkata, India. The Indian government is allocating a much larger share of its nearly $500 billion budget to infrastructure and health care.Credit...Rupak De Chowdhuri/Reuters

He faces thorny challenges on other fronts. For months, **farmers** [**have been clamoring**](https://www.nytimes.com/2021/01/27/world/asia/india-farmer-protest.html) **on** [**the capital’s borders**](https://www.nytimes.com/2021/01/25/world/asia/india-farmers-protests-delhi.html) **for lawmakers to repeal a trio of farm laws that Mr. Modi** has said are key to India’s market reforms.

#### Lack of price guarantees inevitably creates market crashes and unemployment

By Ravinder **Kaur** | 2021-**02-19** | How a farmers’ protest in India evolved into a mass movement that refuses to fade | New Statesman | https://www.newstatesman.com/ideas/2021/02/how-farmers-protest-india-evolved-mass-movement-refuses-fade

The [protests began](https://www.bbc.com/news/world-asia-india-55630394) last summer in the northern state of Punjab, in response to the [rushing through](https://thewire.in/politics/farm-bills-rajya-sabha-legislative-scrutiny) of three [new farm laws](https://www.business-standard.com/about/what-is-farm-bills#collapse) to open India’s agricultural sector to the market. Subsidised and once partly shielded by the state, the sector, according to the World Bank, employs more than 40 per cent of India’s workforce. The protests only became visible in national media in late November – international coverage of the mobilisation, still remarkably thin, has been even more belated – when the farmers’ unions gave the call to march to the national capital: [“Chalo Delhi”](https://www.hindustantimes.com/india-news/dilli-chalo-why-angry-farmers-want-to-storm-new-delhi/story-jXPjzqOmTgxralskj1e7HI.html) (“let’s go to Delhi”).

What made the images of seemingly endless caravans of people travelling to Delhi in tractors, trolleys, cars or sometimes on foot so spectacular was not just the march itself but the government’s attempt to stop it from reaching the city. **Tens of thousands of protesters faced barricades, water cannon and even tear gas shells. Soon, tent cities began appearing along Delhi’s outer perimeter as the government refused to allow the farmers entry**. The tent cities of Singhu, Tikri, Shahjahanpur Kheda, Ghazipur – once just the names of villages at the doorstep of the capital, have become part of a popular vocabulary of democratic dissent and solidarity.

The [three laws](http://egazette.nic.in/WriteReadData/2020/222040.pdf) at the heart of this dispute – on pricing, sale of produce and storage – remove safeguards that had partly insulated farming from the vagaries of [the market](https://www.outlookindia.com/website/story/opinion-farm-bills-a-false-experiment-in-the-name-of-agricultural-freedom/362281). While the government claims deregulating agriculture will [double](https://pib.gov.in/PressReleasePage.aspx?PRID=1657657) farmers’ incomes and improve productivity, the small and marginal farmers who make up [85 per cent of the sector](http://farmer.gov.in/imagedefault/DFI/DFI%20Volume%201.pdf) fear they will [lose](https://www.indiaspend.com/fear-distrust-behind-punjab-farmers-protests/) out to private investors. **The new laws strip away the protective cover of a** [**minimum price guarantee**](https://farmer.gov.in/mspstatements.aspx) **and the** [**mandi system**](https://www.downtoearth.org.in/blog/economy/why-punjab-stands-to-lose-from-farmers-produce-trade-and-commerce-ordinance-72040) **(regulated wholesale markets), leaving farmers exposed to a** [**barrier-free**](https://www.indiaspend.com/why-farmers-are-worried-about-new-laws-its-the-history/) **market in which they have little bargaining power against the major corporate players.**

The farmers’ anxiety also stems from **previous measures to deregulate agriculture, which increased agrarian distress**. The often-cited cautionary tale is of Bihar state, in eastern India, where the **liberalising reforms of the farm sector in 2005 eventually crashed prices, forcing small-scale farmers to sell their produce for paltry sums**. Faced with debt and dispossession, many farmers became farm labourers in other states where regulated agricultural markets were still intact. Fear of dispossession is fuelling the protests, though their expansion to other sections of society, including journalists, activists and other workers, reflects a wider, growing disenchantment with Modi’s “New India”: an illiberal state locked in an embrace with “liberal”, free-market capitalism.

#### Strong Ag creates a sustainable recovery.

By Emily **Schmall** | Published Dec. 4, 2020 Updated **10-22** Oct. 22, 2021 | Indian Farmers’ Protests Spread, in Challenge to Modi | NYTimes | https://www.nytimes.com/2020/12/04/world/asia/india-farmers-protest-pollution-coronavirus.html?action=click&module=RelatedLinks&pgtype=Article

NEW DELHI — Before [India’s farmers](https://www.nytimes.com/2021/10/22/world/asia/india-farmers-protests-modi.html) rose up in anger, presenting an increasingly difficult challenge to a government already grappling with the coronavirus outbreak and a devastating economic slump, Devinder Singh set his field on fire.

Mr. Singh would have preferred to clear his rice field. A 41-year-old farmer in the parched region of Punjab, he knew that setting piles of field waste on fire after harvest contributes to the pollution that often chokes New Delhi and the rest of northern [India](https://www.nytimes.com/2020/12/30/world/asia/india-ban-islamic-schools.html).

But he is one of [thousands of farmers](https://www.nytimes.com/2021/01/25/world/asia/india-farmers-tractors-delhi.html?referringSource=articleShare) in an increasingly nationwide pushback against Prime Minister Narendra Modi’s proposal to overhaul the way many of the country’s 146 million farms do business. Mr. Modi has said that his market-oriented reform would free them from the constraints of a state-run system.

Many Indian farmers believe the overhaul will lead to lower prices and pave the way for corporate takeovers of their small farms, which average [less than three acres](http://agcensus.nic.in/document/agcen1516/T1_ac_2015_16.pdf) in size. [Farmer protests](https://www.nytimes.com/2021/10/22/world/asia/india-farmers-protests-modi.html) that began choking the roads to New Delhi last week have spread, intensifying pressure on Mr. Modi’s government to strike a deal.

Mr. Singh, who joined the protests outside New Delhi, was also incensed by a new, pollution-focused government ordinance prescribing prison, a fine of up to 10 million rupees (about $135,000) or both for burning crop residue. So last month, when it came time to clear his field for the winter wheat season, he burned the rice straw instead.

“Most of the farmers, we have tried not to burn, but we wanted to show our resentment,” said Mr. Singh, who works a 17-acre farm in the Firozpur district of Punjab. “If you impose on us, we will burn it.”

Their defiance may be worsening problems in New Delhi. Deaths from the coronavirus are rising as the Indian capital grapples with a third wave of infections, exacerbated by worsening air pollution. Some experts say fires from angry farmers are contributing to the pollution. The government disputes the theory.

The two sides are set to resume talks on Saturday. While officials have said they will not give in and repeal the laws, they could compromise on one of the farmers’ demands: enshrining minimum prices for some crops into law.

[photo removed]

Farmers protesting at the Delhi-Haryana border listened to a speaker on Tuesday.Credit...Altaf Qadri/Associated Press

In the meantime, the protests have spread beyond New Delhi. Farmers marched and waved banners in the southern states of Kerala and Karnataka and in the northeastern state of Assam. Sugar cane farmers in Uttar Pradesh, who would be less affected by the farm overhaul, set up a protest camp in solidarity, clogging a central artery on the state’s border with Delhi.

India’s foreign ministry summoned Canadian diplomats on Friday after Prime Minister Justin Trudeau [voiced concern](https://thewire.in/world/canada-expresses-concern-over-indias-handling-farmers-protests-india-hits-back) for the farmers during a Facebook Live session. The ministry said the comments constituted “unacceptable interference” and risked damaging ties between the two nations.

Mr. Modi’s government faced similarly [widespread protests](https://www.nytimes.com/2019/12/22/world/asia/modi-india-citizenship-law.html) late last year after it enacted an anti-Muslim naturalization law. But these demonstrations present a trickier challenge.

Farmers represent a powerful political constituency for Mr. Modi and his Bharatiya Janata Party. Farmers could also be important for bringing India out of [its debilitating, coronavirus-driven recession](https://www.nytimes.com/2020/08/31/world/asia/india-economy-gdp.html). Agriculture has been [a rare bright spot](https://pib.gov.in/PressReleasePage.aspx?PRID=1657224), with farmers continuing to purchase consumer goods and offering income for people who lost their jobs after Mr. Modi locked down the country to stop the pandemic earlier this year.

#### Indian economic strength deters China---military buildup and signal of resolve diffuses conflict.

Husain **Haqqani** **and** Aparna **Pande** **7-10**-21. Haqqani is the director for South and Central Asia at the Hudson Institute in Washington D.C. and was Pakistan’s ambassador to the United States. Pande (Ph.D) is director of the Initiative on the Future of India and South Asia at the Hudson Institute. "India has a long way to go in confronting China". The Hill. https://thehill.com/opinion/international/562397-india-has-a-long-way-to-go-in-confronting-china

India’s decision to move [50,000](https://www.bloomberg.com/news/articles/2021-06-27/india-shifts-50-000-troops-to-china-border-in-historic-defense-shift) additional troops to its border with China bolsters its ability to protect itself against Chinese aggression. It is a belated response to China’s actions [last year](https://www.bbc.com/news/world-asia-57234024), when the Chinese army [surprised](https://www.reuters.com/article/us-india-china-military-families-insight-idUSKBN2460YB) ill-prepared Indian soldiers and occupied several square miles of Indian territory in the Ladakh region to build roads and fortify military encampments. The hope of some Indian policymakers to resolve the matter diplomatically has not so far been fulfilled. Several rounds of military and diplomatic negotiations since April 2020, when the Chinese incursions started, have yielded little result. Any willingness on India’s part to deal forcefully with China would be welcomed in the U.S., where successive administrations have sought to integrate India into America’s Indo-Pacific strategy. Several years of an India-U.S. entente cordiale has been premised on India standing up to China. After all, with a population of more than one billion, India is the only country with enough manpower to match that of China. China sees India as a potential rival and covets parts of Indian territory. China [occupied](https://www.reuters.com/article/idINIndia-43780820091108) 15,000 miles of Indian territory in the Aksai Chin section of Ladakh after war in 1962. China’s desire for influence in South Asia and the Indian Ocean Region challenges India in its backyard, setting off [competition](https://www.tandfonline.com/doi/abs/10.1080/09700160801886314) for the same sphere of influence. But China’s phenomenal economic growth, coupled with India’s inability to keep pace, has hampered India’s ability to respond to China strategically. Even now the moving of troops to Ladakh is a tactical maneuver not backed by a clear strategic plan. On [four](https://www.washingtonpost.com/business/why-chinese-and-indian-troops-are-clashing-again/2020/09/11/c5939466-f402-11ea-8025-5d3489768ac8_story.html) occasions since 2012, China has indulged in salami-slicing along the largely un-demarcated India-China border. India’s response each time has been limited to diplomatic negotiations with limited military pushback. There is a co-relation between relative economic strength and China’s willingness to flex its muscle. Between 1988, when India and China signed a series of agreements to restore relations, and 2012, the border between India and China remained by and large quiet. During that period, the size of the two countries’ economies was not huge. In 1990, India’s GDP stood at $320 billion and China’s GDP at $413 billion. By 2012, China’s GDP had grown to $8.5 trillion, seven times larger than India’s $1.2 trillion economy. The [change](https://timesofindia.indiatimes.com/home/sunday-times/all-that-matters/chinas-rising-support-for-pakistan-and-their-collusion-may-affect-our-interests-says-former-nsa-shiv-shankar-menon/articleshow/82234601.cms) in China’s policy after 2012, encouraging its troops to use force against India along the border, coincided with the rise in China’s military and economic power and its impact on the relative balance of power with India. Like many in the West, India during the 1990s had bought into the view that deeper economic and diplomatic engagement with communist China would help maintain peace between the two Asian giants. But the India-China border dispute could not remain on the back burner as China became more aggressive in the wake of growing economic and military power. India can no longer rely solely on diplomacy to deal with China. It will soon have to build and deploy hard power to deter the Chinese. The recent deployment along the Ladakh border could mark the beginning of that process. With the latest addition, 200,000 of India’s more than a million strong army now face China along the 2,167-mile border. By way of comparison, 600,000 Indian troops are positioned along the 2,065-mile, fully fenced and fully demarcated border with Pakistan. It is inconceivable that any attempt by Pakistan to take territory would go unretaliated by India. While India’s attempts over the last year have been to convince China, primarily through diplomatic engagements, to return the border to status quo ante, most [military](https://www.orfonline.org/research/eastern-ladakh-the-longer-perspective/) and [strategic](https://www.lowyinstitute.org/publications/crisis-after-crisis-how-ladakh-will-shape-india-s-competition-china) experts argue that China has no interest in resolving the border dispute with India. India has for far too long acquiesced to Chinese aggression without sufficient retaliatory military action. India may not seek to provoke China into an all-out war, but it needs to find a sweet spot between ignoring and provoking. The United States and its allies, too, would like India to act like a major power in not taking Chinese provocations lightly. Western democracies and Japan have viewed India as an ideal partner and future ally in Asia and the Indo-Pacific. India has consistently been a democracy, shares pluralist values with the United States, and its embrace of free market reforms since 1992 have created an opening for expanded economic ties. India also shares America’s concerns about China’s rising power. In developing a pivot to Asia or an Indo-Pacific policy, successive U.S. administrations have assumed that a shared concern about China makes India a natural American ally. India-U.S. relations were referred to as the “[defining](https://www.google.com/search?q=obama+india+defining+partnership+of+21st+century&rlz=1C1GGRV_enUS751US751&oq=obama+india+defining+partnership+of+21st+century&aqs=chrome..69i57j33i160j33i299.7702j0j7&sourceid=chrome&ie=UTF-8) partnership of the 21st century” under President Obama. The Trump administration’s [2017](https://trumpwhitehouse.archives.gov/wp-content/uploads/2017/12/NSS-Final-12-18-2017-0905.pdf) National Security Strategy spoke of India as a “leading global power” and a strong “strategic and defense partner.” The Biden administration’s [March](https://www.whitehouse.gov/briefing-room/statements-releases/2021/03/03/interim-national-security-strategic-guidance/) 2021 “Interim National Security guidance” has described the “deepening partnership” with India as being critical to America’s “vital national interests.” But the Indo-Pacific policies of both the Trump and Biden administrations have focused on maritime security, ignoring India’s challenge from China on the continental landmass. China views India as an inward-looking democracy that has yet to focus on economic growth or military prowess. Only an expansion in India’s economy and military capability would convince China’s leaders to view it differently. Moreover, the two decades of celebrating convergence of democratic values and voicing of strategic concerns by Washington and Delhi now needs to be followed up with specific steps to counter Chinese hard power with Indian muscle.

#### Sino-Indo war escalates.

Jeffrey **Gettleman et al 20**. Jeffrey Gettleman is The Times’s South Asia bureau chief. Hari Kumar is a reporter in the New Delhi bureau of The New York Times. Sameer Yasir is a reporter for The New York Times. “Worst Clash in Decades on Disputed India-China Border Kills 20 Indian Troops”. The New York Times. 6-16-20. https://www.nytimes.com/2020/06/16/world/asia/indian-china-border-clash.html

NEW DELHI — The worst [border clash between India and China](https://www.nytimes.com/2020/06/17/world/asia/india-china-border-clashes.html) in more than 40 years left 20 Indian soldiers dead and dozens believed captured, Indian officials said on Tuesday, raising tensions between nuclear-armed rivals who have increasingly been flexing their diplomatic and military muscle. For the past several weeks, after [a series of brawls](https://www.nytimes.com/2020/05/30/world/asia/india-china-border.html) along their disputed border, China and India have been building up their forces in the remote Galwan Valley, high up in the Himalayas. As they dug into opposing positions, adding tinder to a long-smoldering conflict, China took an especially muscular posture, sending in artillery, armored personnel carriers, dump trucks and excavators. On Monday night, a huge fight broke out between Chinese and Indian troops in roughly the same barren area where these two nations, the world’s most populous, had fought a war in 1962. Military and political analysts say the two countries do not want a further escalation — particularly India, where military forces are nowhere near as powerful as China’s — but they may struggle to find a way out of the conflict that does not hint at backing down. Both countries and their nationalist leaders, President Xi Jinping of China and Prime Minister [Narendra Modi](https://www.nytimes.com/2020/06/17/world/asia/india-china-border-clashes.html) of India, have taken increasingly assertive postures that pose real risks of the conflict spinning out of control. “Neither PM Modi or President Xi want a war, but neither can relinquish their land rights either,” said [Ashley J. Tellis,](https://carnegieendowment.org/experts/198) a senior fellow at the Carnegie Endowment for International Peace in Washington. What’s happening along the Himalayan border is an unusual kind of warfare. As in the brawls last month, Chinese and Indian soldiers fought fiercely without firing a shot — at least that’s what officials on both sides contend. They say the soldiers followed their de facto border code not to use firearms and went at each other with fists, rocks and wooden clubs, some possibly studded with nails or wrapped in barbed wire. At first, India’s military said only three Indian troops had been killed in the clash, where the Ladakh region of India abuts Aksai Chin, an area controlled by China but claimed by both countries. But late Tuesday night, a military spokesman said that 17 other Indian soldiers had succumbed to injuries sustained in the clash, bringing the total dead to 20. An Indian commander said dozens of soldiers were missing, apparently captured by the Chinese. Indian television channels reported that several Chinese soldiers had been killed, as well, citing high-level Indian government sources. Chinese officials did not comment on that. It’s not clear what India can do now. Mr. Modi and his Hindu nationalist party have pursued a forceful foreign policy that emphasizes India’s growing role in the world and last year, after a devastating suicide attack that India blamed on a Pakistani terror group, Mr. Modi ordered airstrikes on [Pakistan](https://www.nytimes.com/2020/06/29/world/asia/pakistan-stock-exchange-shooting.html), bringing the two countries to the brink of war. But India is in no shape to risk a war against China — especially now, as it slips deeper into the economic and health crisis caused by the coronavirus, which has cost the country more than 100 million jobs. “Whatever India might want to do it’s not in a position to do,” said Bharat Karnad, a professor of security studies at the Center for Policy Research at New Delhi. “The Modi government is in a difficult position,” he said. “This is bound to escalate.” And, he added, “we are not prepared for this kind of escalation.” Mr. Xi has been doubling [down on China’s territorial claims across Asia](https://www.nytimes.com/2020/05/24/world/asia/china-hong-kong-taiwan.html), backing up arguments with the threat of force or sometimes even the use of force. In recent weeks, the Chinese have tightened their grip on the semiautonomous region of Hong Kong; menaced Taiwan; and sunk a Vietnamese fishing boat in the South China Sea.

#### Scenario 2 is The Environment

#### Price guarantees are key to sustainable ag--- water crisis and bio-d collapse inevitable now

Big Issue North **BIN** | **07-13** 13 Jul 2021 | No farmers, no food | Big Issue North | https://www.bigissuenorth.com/comment/2021/07/no-farmers-no-food/

What makes these bills so damaging is that most of India’s farmers are small scale, with 68 per cent of them owning less than one hectare of land. More than half, in the words of economist Ajit Ranade “don’t even have enough to sell”(8). How has the agricultural sector failed to the point where Modi can justify passing such extreme bills by declaring that they are in fact in the farmers’ interest?

One answer for this is discussed by Dr Vandana Shiva in her book The Violence of the Green Revolution, in which she deconstructs the myth that India’s agricultural issues, prior to the 1970s, were resolved as a result of the use of pesticides and GMOs as prescribed by America. Shiva instead argues that the acclaimed Green Revolution left India and its farmers in a vulnerable and damaged state, accounting for the ecological and economic issues that have arisen with the failures of the overuse of these chemicals on Indian crops.

Another issue that has deeply affected the Indian agricultural sector is climate change, including excessive and unseasonable rain, floods and droughts. Journalist Shruti Bhogal describes how “cropping patterns, irrigation and other agricultural practices” that are fundamental to the sustainability of agricultural systems are not being addressed. One of the most catastrophic effects of climate change is the growing water security crisis. Bhogal describes how much of India’s farmland is being fed by rainfall as opposed to canals and wells, resulting in continuous short growing seasons lasting only 2-6 months, even in historically well-irrigated regions like Punjab, which is slowly developing desert-like conditions. Other climate-related issues, such as a decline in biodiversity, are also having detrimental effects as there are now only a handful of different crops being grown in India(9). Soil quality is declining and is easily eroded, affecting crop yields. Bhogal says this has “pushed farmers into debt and distress”, with many abandoning their farms altogether by moving to cities or even being driven to suicide. “This is particularly true of small-scale landholders who, alongside the landless labourers, have been the worst affected.”

Bhogal says that in Punjab and Haryana, “this stagnation [of crop yield] is exemplified by the continuous cultivation of wheat and rice as the winter and summer crop respectively, for many decades now”. Farmers have persisted with wheat and rice because they are the only crops where they are assured a minimum support price through the public procurement systems, even though crop diversification has been recommended as a response to the environmental challenges. “There are more climate-resilient and less water-intensive crops that would be better suited to particular regions, but farmers will not start growing them until they get the kind of state support currently extended to wheat and rice in northwest India”.

The protests have entered their seventh month and have drawn support from Canada, the US and the UK, particularly from Indian communities in those countries that have ties to agricultural areas in India. Environmental activists such as Greta Thunberg have also backed the farmers, although their protests have slipped from the headlines. Through the few futile meetings the Indian government has had with farmers, and Modi’s unwillingness to retract these bills despite the global and political pressures he is now facing, we have begun to learn more about the nature of India’s democracy. From media censorship, detainment of journalists such as Nodeep Kaur and Disha Ravi and internet blackouts to cutting off food and water supplies and police brutality at the protest sites in Delhi, it is clear these protests are not just about farmers but for the nation and democracy of India as a whole.

#### Water crisis goes nuclear – it’s codified in Pakistani nuclear doctrine.

**Mehsud and Khan, 19** (Muhammad Imran Mehsud and Tariq Anwar Khan,\*Authors are PhD Scholar, School of Politics and International Relations, Quaid I Azam University Islamabad and Lecturer, Department of Political Science, Hazara University Mansehra. "Water War Thesis: Perspective from South Asia", Journal of Political Studies, 31 December 2019, accessed: 6-22-2021///OK

The upper riparian's hydro-hegemony China is upper riparian to India. River Indus, Brahmaputra and Ganges flow from Chinese territory of Tibet into India. As discussed earlier, Indian media and think tanks have already expressed their lower riparian anxieties and alleged China of pursuing hydro-hegemony. Similarly, India is upper riparian to Pakistan and Bangladesh on the stated rivers. Both the lower riparians of **Pakistan and Bangladesh have expressed displeasure with the Indian upstream hydro-behavior.** However, Pakistan in particular is vocal in this regard. Pakistan has alleged India of storing and diverting the western rivers, entitled to Pakistan under the Indus Waters Treaty, to achieve **hydro-hegemony** against downstream arch-rival Pakistan. **Pakistan fears that the Indian dams** on the western rivers, few of them already built and **many more yet to be built** could be a source of **downstream Pakistan's economic and strategic vulnerabilities.** The dams will empower India to store water and use the same as a weapon against Pakistan. The stored waters could be used to destroy the agrarian based economy of Pakistan by either withholding waters or releasing the same to flood downstream vast agriculture lands of Pakistan. The same dams could pose strategic threat to Pakistan's territorial integrity in two ways. First, by withholding the waters through the dams, Pakistan's defense canals, built on the eastern India-Pakistan border, could be turned futile and easily crossable. These canals had served as Maginot Lines against the Indian attack on Pakistan in 1965 and had, thus, served as a strong bulwark against the Indian invasion (Nawaz, 2008). Two, the Indian dams could be used to release waters in its natural course of the western rivers and trap Pakistani forces in between the vast lands between the rivers and, thus, reduce Pakistan's armed forces strategic maneuverability. For Pakistan, the Indian assistance to Afghanistan's dams on the river Kabul is the extension of Indian hydro-hegemony from Kashmir to Kabul. In order to withstand any future Indian hydro-aggression of one kind or another, **Pakistan has added a strong hydrological dimension to its nuclear doctrine**. One of the four nuclear red lines elaborated in its nuclear **is about Indian attempt at stemming the water flow into Pakistan.** Pakistan has made it clear that **in case India stemmed the flow of water into Pakistan, it will retaliate with nuclear weapons** (Kumar-Sinha, 2008). Political atmosphere laced with such strategic posturing on the part of Pakistan and Indian threats of stemming the water, and that too from a Premier, leaves the water war thesis at the heart of the regional political terrain. Political atmosphere **South Asia is** a region **rampant with political trust deficit** on many fronts. India and Pakistan have many nettlesome political disputes like Kashmir that had already triggered two total wars in 1948, in 1965 and one half-war in 1999, Siachen Glacier, Rann of Kach, and mutual allegations of involvement in cross border terrorism. Similar political trust deficit reigns in India-Bangladesh and India-Nepal political disputes. Pakistan and Afghanistan are also lacking trust due to the Durand Line issue. China and India too are bound to compete and contest in the long run with many unresolved border disputes and mutual contradictory territorial claims. All these issues have created a gulf of political trust deficit amongst the nations of South Asia and this lack of trust has spilled over unto water disputes as well. Unless the regional political environment improves, water war thesis will remain relevant in the international hydro politics of South Asia. Hydrological dimension of international political disputes Recent research on the hydro-politics of South Asia have discovered interesting hydrological dimension to the political disputes discussed in the preceding section. The Kashmir dispute, for instance, is projected in many facets as an ideological feud, a proxy war, a freedom movement, a case of state terrorism and many more. However, **it is the waters of Kashmir that has made the region of Kashmir precious for both India and Pakistan.** It was, indeed, “not sheer coincidence” that a regular division of Pakistani military entered Kashmir after the Indian Punjab government stem the flow of few of the canals flowing into Pakistan on April 1, 1948 (Wirsing, 2008). Similarly, Pakistan's proposal of dividing Kashmir across the Chenab river at many occasions from 1950s until Pervez Musharraf proposed Chenab formula speak volumes for the fact under discussion (Bisht, 2011). Equally visible has the issue of immigration between India and Bangladesh a strong hydrological aspect. Indian stemming of waters through the Farrakha barrage has caused downstream effects on fisheries and agriculture and resultantly people are immigrating into India for livelihood. The issue of Kalapani between India and Nepal also has a strong hydrological dimension. Dr Iram Khalid of the Department of Political Science at the University of Punjab has brought to fore this fact that the region of Kalapani is origin to many rivers thereby making the control of the region precious for both the states of India and Nepal (Khalid, 2010). Therefore, with looming water crises, these political disputes have the potential to unfold itself more clearly in terms of water and thus **result in wars with clear water objectives and strategies.**

**Causes Pakistan-India water war**

**Umar, 16** (Baba Umar, Kashmiri journalist. The piece is an excerpt of a research paper written during the author’s Chevening South Asia Journalism Programme (SAJP) fellowship in 2016, 6-9-2016, accessed on 8-9-2021, The Diplomat, "Kashmir: A Water War in the Making?", https://thediplomat.com/2016/06/kashmir-a-water-war-in-the-making/, HBisevac)

Today Pakistan and India are locked in a **bitter water conflict**. Though diplomatic exertions have prevented a major escalation, both countries are entangled **in legal battles** as more **dams and power projects come up in Kashmir**. In Kashmir itself, politicians and civil society groups of all hues have been demanding a review of IWT, which has been labeled “detrimental” to the region’s economy. Pakistan and India are **dangerously energy-starved** and **nowhere close to an agreement on** disputed **Kashmir**. The intertwining impact of climate change and population pressures offer a forecast on their water conflict that is anything but encouraging. Predictions that the **next major war will be over water** are common. But is such a scenario realistic? Could both countries amicably end their water disputes? Between 1905 and 1908, a Swedish explorer, Sven Hedin, became the first European to discover the mouth of the river Indus (or the Lion River) in Tibet’s Sangi-Kabab area. Four decades later, the British divided the Indian subcontinent. The land division occurred without considering the irrigated boundaries. On April 1, 1948 India — taking advantage of its control over the headworks — cut off the supply of water in every canal that crossed into Pakistan. India briefly restored the flow at a price. In July 1951, Pakistan accused India of cutting water supplies to its Wagha and Bhaun villages. Both sides traded accusations until David Lilienthal, who had won preeminence in the United States as head of the seven-state Tennessee Valley Authority (TVA) made a trip to India and Pakistan. Lilienthal described the dispute as “a Punjab powder keg” in his articles about the trip. He observed: “No army, with bombs and shellfire could devastate a land as thoroughly as Pakistan could be devastated by the simple expedient of India’s permanently shutting off the sources of water that keep the fields and the people of Pakistan alive. India has never threatened such a drastic step… but the power is there nonetheless.” The interlocutor proposed that the whole Indus system be developed as a unit while a corporation — with representation from both sides and the World Bank — worked out an operating scheme for storing and distributing water. A month later, the World Bank offered its “good offices” in mediating between Pakistan and India. But as negotiations continued, it became clear that Lilienthal’s idea of involving “brothers” on a common project had ignored the endless hostility between both sides. The waters would have to be split instead. The World Bank in 1954 proposed that Pakistan be given the waters of the three western rivers and India the Indus’ three eastern tributaries. Hiccups continued until both sides agreed to sign a water-sharing agreement in 1960. The vice president of the World Bank, William A.B Iliff, would later remember using “cajolery” to press both sides. The treaty allocates entire rivers and tributaries, instead of water volume, and has remained relatively intact for over 50 years. However, the IWT’s long-term effectiveness is uncertain in light of Pakistan-India tensions over Kashmir. There is doubt whether IWT can address India’s mounting use of the waters for hydroelectricity and Pakistan’s growing need of the same waters for agriculture. Pakistan-based Arshad H Abbasi, a trans-boundary water expert, tells me there are some serious emerging violations of IWT “as India plan to construct 155 hydropower projects in Kashmir” and that “India isn’t sharing any information pertaining to the detail design, structural drawings, and design calculations of the upcoming projects.” India began building major hydropower projects in Kashmir in 1970s and now has 33 projects at various stages of completion on the rivers in Kashmir. Currently, the most controversial dam project is the proposed 330 megawatt dam on the Kishanganga River (also called Neelum in Pakistan-administered Kashmir), a tributary of the Indus. Its construction began in 2007 and is almost complete. The waters are to be diverted through a 24 kilometer tunnel for power production and the rest of the water flow is supposed to join the Wullar Lake and ultimately run through Jhelum to Muzaffarabad (in Pakistan-administered Kashmir) — dodging the 213 km long Neelum, on which Pakistan is also building its own Neelum-Jhelum Hydro-Electric Project (NJHEP). Pakistan has also objections regarding the 850 MW Rattle hydropower project on Chenab river, which Islamabad says involves faulty designs. Earlier in 2013, the International Court of Arbitration decided that “India shall release a minimum flow of 9 cumecs [cubic meters per second] into the river below the KHEP [Kishanganga Hydroelectric Plant] at all times.” The judgment also dictated that “[a]t any time at which the daily average flow in the river immediately upstream of the KHEP is less than 9 cumecs, India shall release 100 percent of the daily average flow.” While media and officials on both sides hailed their respective countries for winning this case, late South African water expert John Briscoe observed that India “has won the battle, but … lost a far more important war.” The **rush to meet energy demand** through hydropower is occurring in both countries amid shortages of adequate access to energy. The number of dams under construction and their management are a **source of significant bilateral tension**. Briscoe argued that if India builds all its planned projects on the Indus, New Delhi will be capable of holding up about a month’s worth of river flow during Pakistan’s critical dry season, “enough to wreck an entire planting season,” as the New York Times put it after interviewing Briscoe. “The treaty worked well in the past, mostly because the Indians weren’t building anything,” Briscoe told the Times. “This is a **completely different ballgame**. Now there’s a whole battery of these hydro projects.” **Mistrust threatens IWT’s stability**. Any perceived decrease in the flow of waters augments this mistrust, no matter whether caused by India’s activities or climate change. The Economist argues that the Indian bureaucrats fuel these fears with “obsessive secrecy” about water data. Climate change threatens Kashmir, already worn-out by the armed conflict between over half a million Indian soldiers and about a dozen rebel groups fighting for independence or merger of the territory with Pakistan. “Climate change indicators are quite loud and clear in the region and have impacted the snow and glacier resources in the upper Indus,” glaciologist Shakil Ahmad Romshoo tells me. The Indus supports about 90 percent of Pakistan’s agriculture. Scientists say a number of glaciers in the area are rapidly receding due to climate change. The large-scale human intervention in the form of unorganized pilgrimages and mindless tourism too is upping the temperatures, resulting in the fast melting of glaciers. “The stream flows emanating from the region has significantly decreased. It is pertinent to mention here that the IWT [Indus Water Treaty] did not have any clause on climate change impacts on stream flows,” Romshoo says. The Indian Rivers Inter-link project in India and mismanagement of existing water supplies augments the pressure on both countries. A glaciologist quoted by the Economist calls the dams “water bombs” on the Indus, as they are in an earthquake prone zone. In fact, a top water expert (preferring anonymity) who worked with the World Bank on a report about Indian dams argues that about 15 large Indian dams in the Himalayas are “dodgy dams” and shouldn’t have been commissioned at all. “In its survey, two of these [dams] were found adequate but not earthquake-proof. [The] other 13 should have never been built. It found a lot of corruption in [the] Indian dam building system. The bank didn’t publish the survey though,” the expert told me recently in an interview in the U.K. The increase in global temperatures and the significant number of dams thus calls for a review of the IWT. Kashmir can produce 20,000 MW of electricity but currently production is a mere 2556 MW. Power shortages are normal. One reason is that most of the electricity is generated by India’s National Hydroelectric Power Corporation (NHPC), but it shares a mere 12 percent of the energy with the region as a royalty. It trades the rest to other Indian provinces. At peak hours, NHPC sells the same power to the Kashmir government at inflated rates. Recently a senior pro-India leader equated NHPC to the East India Company, accusing it of “sucking all electricity” generated on “our waters.” Others argue that IWT itself is the problem calling it “discriminatory” toward the disputed region. The argument is that India signed IWT without consulting then-Prime Minister of Kashmir Bakshi Ghulam Mohammad. While successive governments inside India-administered Kashmir have sought to amend IWT and increase NHPC royalties, New Delhi continues to block concessions. It also refuses to offer counter-guarantees to the foreign companies willing to invest in Kashmir’s power projects. Besides the Kashmir dispute, the new battle cry of the non-state actors — water — is threatening to adds **a new dimension to the long-standing conflict**. Some Pakistani officials continue to blame India for water shortages in the country while India continues to dismiss such accusations. Articles and think tanks analyses frequently appearing in the Indian media suggest that India “should leverage this natural advantage” while rebel groups vow to fight India’s “water terrorism.” In fact a U.S. Senate’s Foreign Relations Committee report from 2011 also warns that unless Pakistan and India are able to resolve their water disputes amicably, a future war between them cannot be ruled out. Recently, when the Royal Institute of International Affairs, better known as Chatham House, launched a survey of the attitudes toward water in South Asia, it found the challenges “exacerbating” trans-boundary water concerns in the region. “There is a scope of updating it (IWT),” Gareth Price, senior research fellow at Chatham House, tells me in his London office. “Ten years ago if you would talk about India-Pakistan tension one would end up saying water is one good thing in their relationship. But in last ten years, it suddenly shifted. Because there are more people, there is potentially less rain or more climate change related things … more flooding or there is more encroachment,” he says.

#### Biodiversity loss causes extinction.

Phil Torres 16. Affiliate scholar at the Institute for Ethics and Emerging Technologies. “Biodiversity loss: An existential risk comparable to climate change.” Bulletin of the Atomic Scientists 4/11/2016. http://thebulletin.org/biodiversity-loss-existential-risk-comparable-climate-change9329

Such considerations warrant decoupling biodiversity loss from climate change, because the former has been consistently subsumed by the latter as a mere effect. Biodiversity loss is a distinct environmental crisis with its own unique syndrome of causes, consequences, and solutions—such as restoring habitats, creating protected areas (“biodiversity parks”), and practicing sustainable agriculture. The sixth extinction. The repercussions of biodiversity loss are potentially as severe as those anticipated from climate change, or even a nuclear conflict. For example, according to a 2015 study published in Science Advances, the best available evidence reveals “an exceptionally rapid loss of biodiversity over the last few centuries, indicating that a sixth mass extinction is already under way.” This conclusion holds, even on the most optimistic assumptions about the background rate of species losses and the current rate of vertebrate extinctions. The group classified as “vertebrates” includes mammals, birds, reptiles, fish, and all other creatures with a backbone. The article argues that, using its conservative figures, the average loss of vertebrate species was 100 times higher in the past century relative to the background rate of extinction. (Other scientists have suggested that the current extinction rate could be as much as 10,000 times higher than normal.) As the authors write, “The evidence is incontrovertible that recent extinction rates are unprecedented in human history and highly unusual in Earth’s history.” Perhaps the term “Big Six” should enter the popular lexicon—to add the current extinction to the previous “Big Five,” the last of which wiped out the dinosaurs 66 million years ago. But the concept of biodiversity encompasses more than just the total number of species on the planet. It also refers to the size of different populations of species. With respect to this phenomenon, multiple studies have confirmed that wild populations around the world are dwindling and disappearing at an alarming rate. For example, the 2010 Global Biodiversity Outlook report found that the population of wild vertebrates living in the tropics dropped by 59 percent between 1970 and 2006. The report also found that the population of farmland birds in Europe has dropped by 50 percent since 1980; bird populations in the grasslands of North America declined by almost 40 percent between 1968 and 2003; and the population of birds in North American arid lands has fallen by almost 30 percent since the 1960s. Similarly, 42 percent of all amphibian species (a type of vertebrate that is sometimes called an “ecological indicator”) are undergoing population declines, and 23 percent of all plant species “are estimated to be threatened with extinction.” Other studies have found that some 20 percent of all reptile species, 48 percent of the world’s primates, and 50 percent of freshwater turtles are threatened. Underwater, about 10 percent of all coral reefs are now dead, and another 60 percent are in danger of dying. Consistent with these data, the 2014 Living Planet Report shows that the global population of wild vertebrates dropped by 52 percent in only four decades—from 1970 to 2010. While biologists often avoid projecting historical trends into the future because of the complexity of ecological systems, it’s tempting to extrapolate this figure to, say, the year 2050, which is four decades from 2010. As it happens, a 2006 study published in Science does precisely this: It projects past trends of marine biodiversity loss into the 21st century, concluding that, unless significant changes are made to patterns of human activity, there will be virtually no more wild-caught seafood by 2048. Catastrophic consequences for civilization. The consequences of this rapid pruning of the evolutionary tree of life extend beyond the obvious. There could be surprising effects of biodiversity loss that scientists are unable to fully anticipate in advance. For example, prior research has shown that localized ecosystems can undergo abrupt and irreversible shifts when they reach a tipping point. According to a 2012 paper published in Nature, there are reasons for thinking that we may be approaching a tipping point of this sort in the global ecosystem, beyond which the consequences could be catastrophic for civilization. As the authors write, a planetary-scale transition could precipitate “substantial losses of ecosystem services required to sustain the human population.” An ecosystem service is any ecological process that benefits humanity, such as food production and crop pollination. If the global ecosystem were to cross a tipping point and substantial ecosystem services were lost, the results could be “widespread social unrest, economic instability, and loss of human life.” According to Missouri Botanical Garden ecologist Adam Smith, one of the paper’s co-authors, this could occur in a matter of decades—far more quickly than most of the expected consequences of climate change, yet equally destructive. Biodiversity loss is a “threat multiplier” that, by pushing societies to the brink of collapse, will exacerbate existing conflicts and introduce entirely new struggles between state and non-state actors. Indeed, it could even fuel the rise of terrorism. (After all, climate change has been linked to the emergence of ISIS in Syria, and multiple high-ranking US officials, such as former US Defense Secretary Chuck Hagel and CIA director John Brennan, have affirmed that climate change and terrorism are connected.) The reality is that we are entering the sixth mass extinction in the 3.8-billion-year history of life on Earth, and the impact of this event could be felt by civilization “in as little as three human lifetimes,” as the aforementioned 2012 Nature paper notes. Furthermore, the widespread decline of biological populations could plausibly initiate a dramatic transformation of the global ecosystem on an even faster timescale: perhaps a single human lifetime. The unavoidable conclusion is that biodiversity loss constitutes an existential threat in its own right. As such, it ought to be considered alongside climate change and nuclear weapons as one of the most significant contemporary risks to human prosperity and survival.

#### Farmers are setting land on fire which is horrible for air pollution.

By Emily **Schmall** | Published Dec. 4, 2020 Updated **10-22** Oct. 22, 2021 | Indian Farmers’ Protests Spread, in Challenge to Modi | NYTimes | https://www.nytimes.com/2020/12/04/world/asia/india-farmers-protest-pollution-coronavirus.html?action=click&module=RelatedLinks&pgtype=Article

NEW DELHI — Before [India’s farmers](https://www.nytimes.com/2021/10/22/world/asia/india-farmers-protests-modi.html) rose up in anger, presenting an increasingly difficult challenge to a government already grappling with the coronavirus outbreak and a devastating economic slump, Devinder Singh set his field on fire.

Mr. Singh would have preferred to clear his rice field. A 41-year-old farmer in the parched region of Punjab, he knew that setting piles of field waste on fire after harvest contributes to the pollution that often chokes New Delhi and the rest of northern [India](https://www.nytimes.com/2020/12/30/world/asia/india-ban-islamic-schools.html).

But he is one of [thousands of farmers](https://www.nytimes.com/2021/01/25/world/asia/india-farmers-tractors-delhi.html?referringSource=articleShare) in an increasingly nationwide pushback against Prime Minister Narendra Modi’s proposal to overhaul the way many of the country’s 146 million farms do business. Mr. Modi has said that his market-oriented reform would free them from the constraints of a state-run system.

Many Indian farmers believe the overhaul will lead to lower prices and pave the way for corporate takeovers of their small farms, which average [less than three acres](http://agcensus.nic.in/document/agcen1516/T1_ac_2015_16.pdf) in size. [Farmer protests](https://www.nytimes.com/2021/10/22/world/asia/india-farmers-protests-modi.html) that began choking the roads to New Delhi last week have spread, intensifying pressure on Mr. Modi’s government to strike a deal.

Mr. Singh, who joined the protests outside New Delhi, was also incensed by a new, pollution-focused government ordinance prescribing prison, a fine of up to 10 million rupees (about $135,000) or both for burning crop residue. So last month, when it came time to clear his field for the winter wheat season, he burned the rice straw instead.

“Most of the farmers, we have tried not to burn, but we wanted to show our resentment,” said Mr. Singh, who works a 17-acre farm in the Firozpur district of Punjab. “If you impose on us, we will burn it.”

Their defiance may be worsening problems in New Delhi. Deaths from the coronavirus are rising as the Indian capital grapples with a third wave of infections, exacerbated by worsening air pollution. Some experts say fires from angry farmers are contributing to the pollution. The government disputes the theory.

The two sides are set to resume talks on Saturday. While officials have said they will not give in and repeal the laws, they could compromise on one of the farmers’ demands: enshrining minimum prices for some crops into law.

[photo removed]

Farmers protesting at the Delhi-Haryana border listened to a speaker on Tuesday.Credit...Altaf Qadri/Associated Press

In the meantime, the protests have spread beyond New Delhi. Farmers marched and waved banners in the southern states of Kerala and Karnataka and in the northeastern state of Assam. Sugar cane farmers in Uttar Pradesh, who would be less affected by the farm overhaul, set up a protest camp in solidarity, clogging a central artery on the state’s border with Delhi.

India’s foreign ministry summoned Canadian diplomats on Friday after Prime Minister Justin Trudeau [voiced concern](https://thewire.in/world/canada-expresses-concern-over-indias-handling-farmers-protests-india-hits-back) for the farmers during a Facebook Live session. The ministry said the comments constituted “unacceptable interference” and risked damaging ties between the two nations.

Mr. Modi’s government faced similarly [widespread protests](https://www.nytimes.com/2019/12/22/world/asia/modi-india-citizenship-law.html) late last year after it enacted an anti-Muslim naturalization law. But these demonstrations present a trickier challenge.

Farmers represent a powerful political constituency for Mr. Modi and his Bharatiya Janata Party. Farmers could also be important for bringing India out of [its debilitating, coronavirus-driven recession](https://www.nytimes.com/2020/08/31/world/asia/india-economy-gdp.html). Agriculture has been [a rare bright spot](https://pib.gov.in/PressReleasePage.aspx?PRID=1657224), with farmers continuing to purchase consumer goods and offering income for people who lost their jobs after Mr. Modi locked down the country to stop the pandemic earlier this year.

Outside New Delhi, protesters were settling in for a long wait.

At the village of Singhu, on the border between the territory of Delhi and the state of Haryana, protesters blocked several miles of highway. On a recent visit, they were cooking and serving food on long mats, spread on the ground in the style of Sikh temple kitchens, and sleeping on hay in tractor-trailers covered with canvas tarps. An armed barricade blocked the road to New Delhi.

Harjinder Singh, a wheat and cotton farmer in Gujarat, Mr. Modi’s home state, traveled more than 600 miles to join the protest. He said that farming had become untenable in Gujarat because farmers had no access to a state-run market that subsidizes their crops.

“I’ve got 100 acres there,” he said, “and now I’ve turned it into barren land because of the government’s rude policies.”

Angry farmers could make their worries felt beyond the protests.

[photo removed]

At a police barricade Thursday in Singhu, a village on the Delhi-Haryana border.Credit...Danish Siddiqui/Reuters

After enjoying some of its cleanest air in memory during the lockdown, New Delhi has recorded day after day of catastrophically bad air. Pollution in the capital surges near the end of every year, as cold winds sweep down from the Himalayas and people try to keep warm, but the elevated levels amid the outbreak have prompted questions.

Farmers traditionally play a role in the annual pollution. Many set fire to large swaths of land to clear fields ahead of the winter wheat sowing season, a practice known as stubble burning. Farm fires have been estimated to contribute between 2 and 40 percent of Delhi’s air pollution during the period.

Experts say this year’s pollution levels could be blamed in part on displaced laborers returning to farms, resulting in more cultivating. Satellite data has registered the worst farm fires in four years. “Farm production is at a record level,” said Panwar Sudhir, a life sciences professor of zoology at the University of Lucknow who follows farming issues.

But Mr. Sudhir [and other experts](https://scroll.in/latest/978619/punjab-records-73883-incidents-of-stubble-burning-highest-in-4-years-amid-farm-laws-protests) said farmers may be ignoring official threats and inducements to curb stubble burning as a way to protest. State authorities have long worked to discourage the practice, including offering the use of stubble-clearing tractors and paying farmers not to burn.

“What farmers were saying was if we are protesting, and you don’t listen to us, then we will burn the stubble,” said Ramandeep Singh Mann, an engineer turned farmers’ activist in Punjab.

Government officials dispute the idea of a direct connection.

“The farming laws have nothing to do with this pollution impact,” said Prakash Javadekar, India’s minister for the environment, adding that farmers will stop burning when they have a less costly alternative — a goal that the government wants to help them find.

“There will be more solutions in the offing,” he said.

Whatever the cause, the rise in pollution has been deadly as the coronavirus has made its way through New Delhi. Delhi has witnessed [record daily infection numbers](https://www.nytimes.com/interactive/2020/world/asia/india-coronavirus-cases.html) and its highest death toll since the pandemic began, registering 2,612 deaths in November.

[photo removed]

Burning stubble in the state of Punjab in October.Credit...Archana Thiyagarajan/Agence France-Presse — Getty Images

“Pollution and cold waves worked like splashing petrol on the burning building,” said Dr. Nikhil Modi, a pulmonologist at Apollo hospital in New Delhi.

The pollution makes it harder for coronavirus victims, like Ritesh Agrawal’s diabetic mother, to breathe. Last month, after she said she was struggling to breathe, Mr. Agrawal immediately took her to be tested for Covid-19.

She tested positive, and doctors advised home isolation. But within hours of returning home, her oxygen levels plummeted.

Mr. Agrawal, a 41-year-old businessman in Delhi, said his mother died after being turned away from one hospital after another.

“I have money and connections,” Mr. Agrawal said. “But even that did not help.”

The Indian government has made fixing New Delhi’s pollution a priority. Mr. Javadekar said that the government has purchased a fleet of electric buses, expanded metro rail service and imposed steeper emission standards on personal cars. It has also pushed sooty refinery work outside the city limits. It monitors pollution levels from more than 3,000 industrial plants and notifies plant managers by text message when emissions exceed federal limits.

At the camp in Singhu, many of the farmers said they had no choice but to burn their waste. Many of the farmers from Punjab are Sikhs. For hundreds of years, males in that community have used the surname Singh to show their common bond.

That community is under threat, said Navdeep Singh, 30, a seventh-generation farmer from Amritsar in Punjab. Times are hard, he said, and government efforts like making tractors available are ultimately still too expensive.

“We are forced to burn,” Mr. Singh said, as he shelled peas for one of the demonstration camp’s free kitchens. “The government hasn’t really helped us with any other way to dispose of it.”

#### Warming leads to extinction---it’s a conflict-multiplier and defense doesn’t assume non-linearity

**Kareiva 18**, Ph.D. in ecology and applied mathematics from Cornell University, director of the Institute of the Environment and Sustainability at UCLA, Pritzker Distinguished Professor in Environment & Sustainability at UCLA, et al. (Peter, “Existential risk due to ecosystem collapse: Nature strikes back,” *Futures*, 102)

In summary, six of the nine proposed planetary boundaries (phosphorous, nitrogen, biodiversity, land use, atmospheric aerosol loading, and chemical pollution) are unlikely to be associated with existential risks. They all correspond to a degraded environment, but in our assessment do not represent existential risks. However, the three remaining boundaries (climate change, global freshwater cycle, and ocean acidification) do pose existential risks. This is because of intrinsic positive feedback loops, substantial lag times between system change and experiencing the consequences of that change, and the fact these different boundaries interact with one another in ways that yield surprises. In addition, climate, freshwater, and ocean acidification are all directly connected to the provision of food and water, and shortages of food and water can create conflict and social unrest. Climate change has a long history of disrupting civilizations and sometimes precipitating the collapse of cultures or mass emigrations (McMichael, 2017). For example, the 12th century drought in the North American Southwest is held responsible for the collapse of the Anasazi pueblo culture. More recently, the infamous potato famine of 1846–1849 and the large migration of Irish to the U.S. can be traced to a combination of factors, one of which was climate. Specifically, 1846 was an unusually warm and moist year in Ireland, providing the climatic conditions favorable to the fungus that caused the potato blight. As is so often the case, poor government had a role as well—as the British government forbade the import of grains from outside Britain (imports that could have helped to redress the ravaged potato yields). Climate change intersects with freshwater resources because it is expected to exacerbate drought and water scarcity, as well as flooding. Climate change can even impair water quality because it is associated with heavy rains that overwhelm sewage treatment facilities, or because it results in higher concentrations of pollutants in groundwater as a result of enhanced evaporation and reduced groundwater recharge. Ample clean water is not a luxury—it is essential for human survival. Consequently, cities, regions and nations that lack clean freshwater are vulnerable to social disruption and disease. Finally, ocean acidification is linked to climate change because it is driven by CO2 emissions just as global warming is. With close to 20% of the world’s protein coming from oceans (FAO, 2016), the potential for severe impacts due to acidification is obvious. Less obvious, but perhaps more insidious, is the interaction between climate change and the loss of oyster and coral reefs due to acidification. Acidification is known to interfere with oyster reef building and coral reefs. Climate change also increases **storm frequency** and severity. Coral reefs and oyster reefs provide protection from storm surge because they reduce wave energy (Spalding et al., 2014). If these reefs are lost due to acidification at the same time as storms become more severe and sea level rises, **coastal communities will be exposed to unprecedented storm surge**—and may be ravaged by recurrent storms. A key feature of the risk associated with climate change is that mean annual temperature and mean annual rainfall are not the variables of interest. Rather it is extreme episodic events that place nations and entire regions of the world at risk. These extreme events are by definition “rare” (once every hundred years), and changes in their likelihood are challenging to detect because of their rarity, but are exactly the manifestations of climate change that we must get better at anticipating (Diffenbaugh et al., 2017). Society will have a hard time responding to shorter intervals between rare **extreme events** because in the lifespan of an individual human, a person might experience as few as two or three extreme events. How likely is it that you would notice a change in the interval between events that are separated by decades, especially given that the interval is not regular but varies stochastically? A concrete example of this dilemma can be found in the past and expected future changes in storm-related flooding of New York City. The highly disruptive flooding of New York City associated with Hurricane Sandy represented a flood height that occurred once every 500 years in the 18th century, and that occurs now once every 25 years, but is expected to occur once every 5 years by 2050 (Garner et al., 2017). This change in frequency of extreme floods has profound implications for the measures New York City should take to protect its infrastructure and its population, yet because of the stochastic nature of such events, this shift in flood frequency is an elevated risk that will go unnoticed by most people. 4. The combination of positive feedback loops and societal inertia is fertile ground for global environmental catastrophes Humans are remarkably ingenious, and have **adapted** to crises throughout their history. Our doom has been repeatedly predicted, only to be averted by innovation (Ridley, 2011). However, the many stories of human ingenuity successfully addressing existential risks such as global famine or extreme air pollution represent environmental challenges that are largely linear, have immediate consequences, and operate without positive feedbacks. For example, the fact that food is in short supply does not increase the rate at which humans consume food—thereby increasing the shortage. Similarly, massive air pollution episodes such as the London fog of 1952 that killed 12,000 people did not make future air pollution events more likely. In fact it was just the opposite—the London fog sent such a clear message that Britain quickly enacted pollution control measures (Stradling, 2016). Food shortages, air pollution, water pollution, etc. send immediate signals to society of harm, which then trigger a negative feedback of society seeking to reduce the harm. In contrast, today’s great environmental crisis of climate change may cause some harm but there are generally long time delays between rising CO2 concentrations and damage to humans. The consequence of these delays are an absence of urgency; thus although 70% of Americans believe global warming is happening, only 40% think it will harm them (http://climatecommunication.yale.edu/visualizations-data/ycom-us-2016/). Secondly, unlike past environmental challenges, **the Earth’s climate system is rife with positive feedback loops**. In particular, as CO2 increases and the climate warms, that very warming can cause more CO2 release which further increases global warming, and then more CO2, and so on. Table 2 summarizes the best documented positive feedback loops for the Earth’s climate system. These feedbacks can be neatly categorized into carbon cycle, biogeochemical, biogeophysical, cloud, ice-albedo, and water vapor feedbacks. As important as it is to understand these feedbacks individually, it is even more essential to study the interactive nature of these feedbacks. Modeling studies show that when interactions among feedback loops are included, uncertainty increases dramatically and there is a heightened potential for perturbations to be magnified (e.g., Cox, Betts, Jones, Spall, & Totterdell, 2000; Hajima, Tachiiri, Ito, & Kawamiya, 2014; Knutti & Rugenstein, 2015; Rosenfeld, Sherwood, Wood, & Donner, 2014). This produces a wide range of future scenarios. Positive feedbacks in the carbon cycle involves the enhancement of future carbon contributions to the atmosphere due to some initial increase in atmospheric CO2. This happens because as CO2 accumulates, it reduces the efficiency in which oceans and terrestrial ecosystems sequester carbon, which in return feeds back to exacerbate climate change (Friedlingstein et al., 2001). Warming can also increase the rate at which organic matter decays and carbon is released into the atmosphere, thereby causing more warming (Melillo et al., 2017). Increases in food shortages and lack of water is also of major concern when biogeophysical feedback mechanisms perpetuate drought conditions. The underlying mechanism here is that losses in vegetation increases the surface albedo, which suppresses rainfall, and thus enhances future vegetation loss and more suppression of rainfall—thereby initiating or prolonging a drought (Chamey, Stone, & Quirk, 1975). To top it off, overgrazing depletes the soil, leading to augmented vegetation loss (Anderies, Janssen, & Walker, 2002). Climate change often also increases the risk of forest fires, as a result of higher temperatures and persistent drought conditions. The expectation is that forest fires will become more frequent and severe with climate warming and drought (Scholze, Knorr, Arnell, & Prentice, 2006), a trend for which we have already seen evidence (Allen et al., 2010). Tragically, the increased severity and risk of Southern California wildfires recently predicted by climate scientists (Jin et al., 2015), was realized in December 2017, with the largest fire in the history of California (the “Thomas fire” that burned 282,000 acres, https://www.vox.com/2017/12/27/16822180/thomas-fire-california-largest-wildfire). This catastrophic fire embodies the sorts of positive feedbacks and interacting factors that could catch humanity off-guard and produce a true apocalyptic event. Record-breaking rains produced an extraordinary flush of new vegetation, that then dried out as record heat waves and dry conditions took hold, coupled with stronger than normal winds, and ignition. Of course the record-fire released CO2 into the atmosphere, thereby contributing to future warming. Out of all types of feedbacks, water vapor and the ice-albedo feedbacks are the most clearly understood mechanisms. Losses in reflective snow and ice cover drive up surface temperatures, leading to even more melting of snow and ice cover—this is known as the ice-albedo feedback (Curry, Schramm, & Ebert, 1995). As snow and ice continue to melt at a more rapid pace, millions of people may be displaced by flooding risks as a consequence of sea level rise near coastal communities (Biermann & Boas, 2010; Myers, 2002; Nicholls et al., 2011). The water vapor feedback operates when warmer atmospheric conditions strengthen the saturation vapor pressure, which creates a warming effect given water vapor’s strong greenhouse gas properties (Manabe & Wetherald, 1967). Global warming tends to increase cloud formation because warmer temperatures lead to more evaporation of water into the atmosphere, and warmer temperature also allows the atmosphere to hold more water. The key question is whether this increase in clouds associated with global warming will result in a positive feedback loop (more warming) or a negative feedback loop (less warming). For decades, scientists have sought to answer this question and understand the net role clouds play in future climate projections (Schneider et al., 2017). Clouds are complex because they both have a cooling (reflecting incoming solar radiation) and warming (absorbing incoming solar radiation) effect (Lashof, DeAngelo, Saleska, & Harte, 1997). The type of cloud, altitude, and optical properties combine to determine how these countervailing effects balance out. Although still under debate, it appears that in most circumstances the cloud feedback is likely positive (Boucher et al., 2013). For example, models and observations show that increasing greenhouse gas concentrations reduces the low-level cloud fraction in the Northeast Pacific at decadal time scales. This then has a positive feedback effect and enhances climate warming since less solar radiation is reflected by the atmosphere (Clement, Burgman, & Norris, 2009). The key lesson from the long list of potentially positive feedbacks and their interactions is that runaway climate change, and runaway perturbations have to be taken as a serious possibility. Table 2 is just a snapshot of the type of feedbacks that have been identified (see Supplementary material for a more thorough explanation of positive feedback loops). However, this list is not exhaustive and the possibility of undiscovered positive feedbacks portends even greater existential risks. The many environmental crises humankind has previously averted (famine, ozone depletion, London fog, water pollution, etc.) were averted because of political will based on solid scientific understanding. We cannot count on complete scientific understanding when it comes to positive feedback loops and climate change.

### Backsliding

#### Advantage 2: Democracy

#### India is in a democracy crisis now.

**Singh 7/5** [Prerna Singh, July 5, 2021 at 5:00 a.m., “India has become an ‘electoral autocracy.’ Its covid-19 catastrophe is no surprise”, [https://www.washingtonpost.com/politics/2021/07/05/india-has-become-an-electoral-autocracy-its-covid-19-catastrophe-is-no-surprise //](https://www.washingtonpost.com/politics/2021/07/05/india-has-become-an-electoral-autocracy-its-covid-19-catastrophe-is-no-surprise%20//) JB recut by Lex AKo]

On Thursday, the White House announced that it is deploying [response teams](https://www.cnbc.com/2021/07/01/delta-white-house-to-deploy-response-teams-across-us-to-combat-covid-variant.html), composed of officials from the Centers for Disease Control and Prevention and other federal agencies, to combat the “hypertransmissible” delta variant of the [coronavirus](https://www.washingtonpost.com/coronavirus/?itid=lk_inline_manual_2) spreading across the United States and the world. This variant first emerged in India, where a devastating second wave of virus infections have been accompanied by a parallel epidemic of [mucormycosis, or “black fungus,”](https://www.scientificamerican.com/article/why-deadly-black-fungus-is-ravaging-covid-patients-in-india/) that is maiming and killing patients. **India’s humanitarian tragedy is linked to** a **deeper political crisis** — that of **democratic erosion**. At independence from colonial rule, **India** had relatively **low** economic **development and industrialization**, widespread poverty and illiteracy, and immense ethnic diversity across linguistic, religious and caste lines. [Leading political science theories](https://www.jstor.org/stable/1951731) argued these conditions made India [infertile terrain](https://www.google.com/books/edition/The_Success_of_India_s_Democracy/Io0NsnlRT6sC?hl=en) for democracy. Yet in 1947, India instituted a democratic government and, with the exception of [a short time from 1975-77](https://press.princeton.edu/books/hardcover/9780691186726/emergency-chronicles), has remained one. Up until a few weeks ago, that is. In its influential annual rankings of countries across the world, the U.S.-based democracy watchdog Freedom House downgraded **India from a free democracy to a “**[**partially free democracy**](https://freedomhouse.org/country/india/freedom-world/2021)**.”** Similarly, the **Swedish-based V-Dem Institute demoted** **the country to an “**[**electoral autocracy**](https://www.bbc.com/news/world-asia-india-56393944)**.”** Both organizations cited the regime’s **crackdowns on freedom of speech** — and in particular, expressions of dissent — as a key factor driving India’s slide down these indexes. How are **India’s coronavirus crisis and democratic backsliding linked**? Here’s what you need to know. **The decline of free speech in the world’s largest democracy** Since assuming power in 2014, **the** ruling Bharatiya Janata Party (**BJP**) regime has **consistently and brutally undermined civil liberties**, especially freedom of speech. This crackdown has [affected](https://thewire.in/rights/india-modi-anti-national-protest-arrest-sedition-authoritarianism) journalists, editors, organizers, climate activists, Bollywood actors, cricketers, celebrities, and even ordinary citizens posting on social media. The BJP has forced editors of prominent newspapers to step down**. Police** have [**raided**](https://www.nytimes.com/2017/06/05/world/asia/india-ndtv-raids-narendra-modi-prannoy-roy.html)**or shut down the offices of media outlets** that featured articles **challenging the regime’s actions**. Physical attacks on journalists have become commonplace. Some have been gunned down in broad daylight outside their homes, earning India a [reputation](https://www.cjr.org/special_report/gauri-lankesh-killing.php) as what the Columbia Journalism Review called “one of the world’s most dangerous countries to be a reporter.” Meanwhile, reporters and media organizations sympathetic to the regime have been [protected](https://theprint.in/opinion/arnab-goswami-swift-bail-should-be-rule-for-undertrials-not-exception/545301/) and supported. [Thousands](https://timesofindia.indiatimes.com/india/5128-uapa-cases-229-sedition-cases-lodged-in-five-years-government/articleshow/81433613.cms) of individuals and organizations critical of the regime have had wide-ranging charges filed against them. Many awaiting trial still [languish](https://thewire.in/rights/jail-bail-hearings-court-delhi-riots-elgar-parishad) in jails across the country. **These attacks on freedom** of speech **harm democracies’ effective functioning. An uncensored public realm enables** the **open exchange of information**; an unencumbered press enables popular accountability. **That leaves governments** insulated from evidence and accountability, **making decisions in isolation**. [What's behind India's dramatic pandemic surge? Here's one factor: Too little competition in parliament.](https://www.washingtonpost.com/politics/2021/06/02/whats-behind-indias-dramatic-pandemic-surge-heres-one-factor-too-little-competition-parliament/?itid=lk_interstitial_manual_16) Silencing critics can be lethal during natural disasters. In their influential 1991 book “[Hunger and Public Action](https://oxford.universitypressscholarship.com/view/10.1093/0198283652.001.0001/acprof-9780198283652),” development economists Jean Drèze and Nobel laureate Amartya Sen explored why India had not endured famine since independence, despite chronic undernourishment and food production difficulties. Under colonial rule, devastating famines were numerous. Sen and Drèze concluded that the key difference since independence has been watchdog journalists whose reporting on early signs of a famine in an uncensored news media aroused public concern and pushed the government to act. But in March 2020, Prime Minister Narenda **Modi’s government**[**petitioned**](https://economictimes.indiatimes.com/news/politics-and-nation/sc-asks-media-to-publish-official-version-of-corona-developments/articleshow/74919142.cms?from=mdr)**India’s top court** to **prevent journalists from reporting covid-19 information that the regime had not sanctioned**. The Supreme Court denied the petition — but nevertheless directed the media to broadcast “the official version” of covid-19 developments. Meanwhile, **the government** has [**filed charges**](https://rsf.org/en/news/surge-harassment-indian-reporters-over-coronavirus-coverage)**against** and arrested dozens of **journalists reporting** on the **government’s mismanagement of the coronavirus crisis, whether that was about** the urban [migrant crisis](https://thewire.in/media/himachal-pradesh-firs-journalists) caused by the regime’s abrupt lockdown at the start of the pandemic; dire conditions at quarantine centers; or the shortage of oxygen and other key medical supplies. Following Drèze and Sen’s logic about famines, this quashing of a free press has both prevented the government from accessing accurate information about how the pandemic was unfolding on the ground and reduced its sense of public accountability. [Millions of people in India's crowded slums can't keep each other at a distance during a pandemic lockdown](https://www.washingtonpost.com/politics/2020/04/13/millions-people-indias-crowded-slums-cant-keep-each-other-distance-during-pandemic-lockdown/?itid=lk_interstitial_manual_23) The In February, the government announced controversial[new rules covering digital publishing](https://time.com/5946092/india-internet-rules-impact/) that give officials the power to block stories from being published or to shut down entire websites. In the past few weeks, the government has [pressured social media platforms such as Facebook, Instagram, Twitter to remove posts critical of the government](https://www.nytimes.com/2021/04/25/business/india-covid19-twitter-facebook.html). Many posts — including those with the trending hashtag #ResignModi — have disappeared and mysteriously reappeared. In India’s largest state, Uttar Pradesh, one man took to Twitter to locate oxygen for an ailing family member, who subsequently died. The [police charged him with circulating misinformation](https://scroll.in/latest/993484/up-fir-filed-against-man-who-sought-twitter-help-for-oxygen-for-grandfather) “with the intent to cause fear or alarm.” **These attacks** on free speech **are** all the **more dangerous because other key democratic watchdog institutions** — for example, an active [political opposition](https://www.washingtonpost.com/politics/2021/06/02/whats-behind-indias-dramatic-pandemic-surge-heres-one-factor-too-little-competition-parliament/?itid=lk_inline_manual_29) — **are weak**. India has protected the freedom of speech, until now BJP government extended its power to censor The freedom of speech, including the right to critique, has been at the core of Indian nationalism, forged during resistance to British colonialism. The Modi regime’s [exclusionary Hindu nationalism](https://www.washingtonpost.com/politics/2020/01/20/india-protesters-are-singing-national-anthem-waving-flag-heres-why-that-matters/?itid=lk_inline_manual_34) deviates from that history. Muzzling free speech has been [deadly](https://www.latimes.com/opinion/story/2021-05-08/india-covid-pandemic-deaths-narendra-modi) during the pandemic. Today **the scale of the covid-19 crisis** that **continues to burn across India remains unknown.** Experts [warn](https://www.nytimes.com/interactive/2021/05/25/world/asia/india-covid-death-estimates.html) that death tolls are likely many times the official reports. Scientists remain unclear about how well each of the vaccines work against the delta strain. In the United States, [concerns](https://www.scientificamerican.com/article/how-dangerous-is-the-delta-variant-and-will-it-cause-a-covid-surge-in-the-u-s/) about a new surge are growing. A free press could not have prevented the pandemic. But it could have both provided critical early information about the unfolding second wave of virus infections and put pressure on the government to take action. This would have likely reduced the public health tragedy.

#### The Indian Supreme Court intervenes on the right to strike

By Samanwaya **Rautray** | Last Updated: **10-05**-2021, 08:21 AM IST | Farmers' protests must end: Centre in Supreme Court | The Economic Times | https://economictimes.indiatimes.com/news/india/farmers-protests-must-end-centre-in-supreme-court/articleshow/86771228.cms

The central government has told the Supreme Court on Monday that the farmers' protest must come to an end to ensure that no untoward incidents happen again like in Lakhimpur Kheri on Sunday, prompting the top court to wonder whether the farmers can still continue their protests while a challenge to the constitutionality of the farm laws was pending before the court.

The top court had, on January 2, 2021, stayed the three farm laws, but the protesting farmers had refused to accept anything short of a repeal of the laws and had continued to protest. The top court had, in its order, allowed them to protest if they so wanted and asked the executive authorities not to interfere with their protests.

The protests have been continuing since then. But after Sunday's incident in which a Union Minister's son allegedly ran over the farmers killing two of them, the Union government, through AG KK Venugopal, said in court that the protests cannot continue. "The protests must end," AG said, dubbing the incident as "unfortunate".

"Such unfortunate incidents should not happen. The protests must stop," the AG said.

In this context, a bench, led by Justice AM Khanwilkar, made several adverse comments on the protests. "Nobody takes responsibility when such events happen," Justice Khanwailkar observed. He also demanded to know why the farmers were protesting. "There is nothing to be implemented. What are the farmers protesting about? No one other than the court can decide the validity of the farm laws. When farmers are in court challenging the law, why protest on the streets? How can the executive allow these protests? What is the validity of the protests?"

#### Judicial activism collapses democracy.

James **Muffett 14**. Founder & President of Student Statesmanship Institute and President of Citizens for Traditional Values. “The Danger Of Judicial Activism”. Michigan All Rise. 9-8-14. <https://michiganallrise.org/resources/the-danger-of-judicial-activism/>

There is a battle in our nation between those who believe that judges should follow the law as intended by the legislature, and those who think judges have latitude to interpret the law according to their view of what the law ought to be. The latter are referred to as, “activist judges.” When judges insert their own personal bias, they usurp the role of the legislators whom the citizens elect to represent them in deciding disputed, difficult policy issues. Thus, judicial activism **undermines the very basis of our representative democracy.** It can be argued that activist judges have done more damage to traditional, Judeo-Christian values than the other branches of government combined. The areas of greatest damage include free enterprise, human life, marriage, personal freedoms, property rights and religious liberty. Judges who usurp the authority of the people are **not merely incorrect; they are themselves unconstitutiona**l. And they are unjust. In fact, Justice White in his Roe v. Wade dissent opinion, wrote that the court had acted “**not in constitutional interpretation**, but in the unrestrained imposition of its own, **extra-constitutional value preferences**.” In addition to short-circuiting the democratic process, this judicial approach creates an environment of unpredictability which ultimately leads to **destabilization and more litigation.** When judges exercising the power of judicial review are guided by the text, logic, structure, and original understanding of the Constitution and the law, they deserve our respect and gratitude. By operating with this type of judicial oversight, they are playing their part to make constitutional republican government a reality. But where judges usurp democratic legislative authority by imposing on the people their moral and political preferences, under the guise of fairness or empathy, they should be severely criticized and resolutely opposed. It is time for all citizens to wake up to this **crisis** and work to elect “Rule of Law” judges who exercise constitutional authority only to enforce the law as written and ensure that laws apply to everyone equally.

#### Independently, the right to strike fights concentration of power while reducing inequality – providing a check on corruption.

IER 17 [Institute of Employment Rights. The IER exists to inform the debate around trade union rights and labour law by providing information, critical analysis, and policy ideas through our network of academics, researchers and lawyers. “UN Rights Expert: Right to strike is essential to democracy”. 3-10-2017. . https://www.ier.org.uk/news/un-rights-expert-right-strike-essential-democracy/.]

The United Nations’ Special Rapporteur on the rights to freedom of peaceful assembly and of association, Maina Kiai, has reminded member states of the International Labour Organization (ILO) – including the UK – that they have a positive obligation to uphold the right to strike. Speaking at an ILO meeting on Monday 06 March 2017 in Geneva, Kiai argued that the right to strike is fundamental to the preservation of democracy. “The concentration of power in one sector – whether in the hands of government or business – inevitably leads to the erosion of democracy, and an increase in inequalities and marginalization with all their attendant consequences. The right to strike is a check on this concentration of power,” he explained. The right to strike has been established in international law as a corollary to the right of freedom of association for decades, and is enshrined in the European Convention on Human Rights as Article 11. As a member state of the ILO and of the EU, the UK is legally obliged to uphold the right to strike, although through the Trades Union Act 2016 and the anti-trade union laws that preceded it, the government is making it harder and harder for trade unions to take industrial action. Kiai criticised such actions, saying government’s have a duty not to impede workers’ ability to take industrial action. “I deplore the various attempts made to erode the right to strike at national and multilateral levels,” the expert said, reminding delegates: “Protest action in relation to government social and economic policy, and against negative corporate practices, forms part of the basic civil liberties whose respect is essential for the meaningful exercise of trade union rights. This right enables them to engage with companies and governments on a more equal footing, and Member States have a positive obligation to protect this right, and a negative obligation not to interfere with its exercise.”

#### It’s an impact filter---democracies are comparatively more stable than autocracies.

**Kroenig 20** Matt. 4/3. Professor of government and foreign service at Georgetown University – you know who he is. “Why the U.S. Will Outcompete China” <https://www.theatlantic.com/ideas/archive/2020/04/why-china-ill-equipped-great-power-rivalry/609364/>) 1/20/2021

National-security analysts see China as one of the greatest threats facing the United States and its allies. According to an emerging conventional wisdom, China has the leg up on the U.S. in part because its authoritarian government can strategically plan for the long term, unencumbered by competing branches of government, regular elections, and public opinion. **Yet this faith in autocratic ascendance and democratic decline is contrary to historical fact. China may be able to put forth big, bold plans**—the kinds of projects that analysts think of as long term—**but the visionary projects of autocrats don’t usually pan out**. Watch White Noise, the inside story of the alt-right The Atlantic’s first feature documentary ventures into the underbelly of the far-right movement to explore the seductive power of extremism. Stream Now Yes, democratic governments are obligated to answer to their citizens on regular intervals and are sensitive to public opinion—t**hat’s actually democracies’ greatest source of strength. Democratic leaders have a harder time advancing big, bold agendas, but the upside of that difficulty is that the plans that do make it through the system have been carefully considered and enjoy domestic support**. Historically speaking, **once a democracy comes up with a successful strategy, it sticks with the plan**, even through a succession of leadership. Washington has arguably followed the same basic, three-step geopolitical plan since 1945. First, the United States built the current, rules-based international system by providing security in important geopolitical regions, constructing international institutions, and promoting free markets and democratic politics within its sphere of influence. Second, it welcomed into the club any country that played by the rules, even former adversaries, like Germany and Japan. And, third, the U.S. worked with its allies to defend the system from those countries or groups that would challenge it, including competitors such as Russia and China, rogue states such as Iran and North Korea, and terrorist networks. **America can pursue long-term strategy in part because it enjoys domestic political stability**. While new politicians seek to improve on their predecessor’s policies, the United States is unlikely to see the drastic shifts in strategy that come from the fall of one political system and the rise of another. Democratic elections may be messy, but they’re not as messy as coups or civil wars. Daniel Blumenthal: The Unpredictable Rise of China **Open societies** have many other advantages as well. They **facilitate innovation**, **trust in financial markets**, and economic growth. Because **democracies** tend to be more reliable partners, they **are typically skillful alliance builders**, and they can accumulate resources without frightening their neighbors. **They tend to make thoughtful, informed decisions on matters of war and peace, and to focus their security forces on external enemies, not their own populations. Autocratic systems simply cannot match this impressive array of economic, diplomatic, and military attributes.** David Leonhardt recently wrote in The New York Times, “Chinese leaders stretching back to Deng Xiaoping have often thought in terms of decades.” Commonly cited examples of that long-term thinking include the Belt and Road Initiative, a program that invests in infrastructure overseas; Made in China 2025, an effort to subsidize China’s giant tech companies to become world leaders in 21st-century technologies, such as artificial intelligence; and Beijing’s promise to be a global superpower by 2049. Since putting in place sound economic reforms in the 1970s, China has seen its economy expand at eye-popping rates, to become the world’s second largest. Many economists predict that China could even surpass the United States within the decade, and some have suggested that China’s model of state-led capitalism will prove more successful, in terms of economic growth, than the U.S. template of free markets and open politics. I doubt these predictions. Because autocratic leaders are unconstrained and do not have to contend with a legislature or courts, they have an easier time taking their countries in new and radically different directions. Then, when the dictator changes his mind, he can do it again. Mao’s autocratic China ricocheted from one failed policy to another: the Great Leap Forward, then the Hundred Flowers Campaign, then the Cultural Revolution. Mao aligned with the Soviet Union in 1950 only to nearly fight a nuclear war with Moscow in the next decade. Beginning in the time of Deng Xiaoping, China pursued a fairly constant strategy of liberalizing its economy at home and “hiding its capabilities and biding its time” abroad. But President Xi Jinping abandoned these dictums when he took over. As the most powerful leader since Mao—he has changed China’s constitution to set himself up as dictator for life—he could once again jerk China in several new directions, according to his whims, and back again. According to the Asia Society, he has stalled or reversed course on eight of 10 categories of economic reform promised by the Chinese Communist Party (CCP) itself. Moreover, Xi is baring China’s teeth militarily, taking contested territory from neighbors in the South China Sea and conducting military exercises with Russia in Europe. The problem for Beijing is that stalled reforms will stymie its economic potential and its confrontational policies are provoking an international coalition to contain them. The 2017 U.S. National Security Strategy declared great-power competition with China the foremost security threat to the U.S.; the European Union labeled China a “systemic rival”; and Japan, Australia, India, and the United States have formed a new “quad” of powers to balance China in the Pacific. Furthermore, the plans often cited as evidence of China’s farsighted vision, the Belt and Road Initiative and Made in China 2025, were announced by Xi only in 2013 and 2015, respectively. Both are way too recent to be celebrated as brilliant examples of successful, long-term strategic planning. A certain level of domestic political stability is a prerequisite for charting a steady strategic course in foreign and domestic affairs. **But autocratic regimes are notoriously brittle. While institutionalized political successions in democracies typically lead to changes of policy, political successions in autocracies are likely to result in regime collapse and war**. China’s “5,000 years of history” were pockmarked by rebellion, revolution, and new dynasties. Fearing internal threats to domestic political stability—consider the protests this year in Hong Kong and Xinjiang—the CCP spends more on domestic security than on its national defense**. If you follow the money, the CCP is demonstrating that the government is more afraid of its own people than of the Pentagon. This domestic fragility will frustrate China’s efforts to design and execute farsighted plans. If threats to Chinese domestic stability were to materialize and the CCP were to collapse tomorrow**, for example, Chinese grand strategy could undergo another seismic shift, including possibly opting out of competition with the United States altogether. Shadi Hamid: China Is Avoiding Blame by Trolling the World Autocracies have other vulnerabilities as **well. State-led planning has never produced high rates of economic growth over the long term. Autocrats are poor alliance builders** who fight with their supposed allies more than with their enemies. And the highest priority of autocratic security forces is repressing their own people, not defending the country. The world has undergone drastic changes in just the past few years, but these enduring patterns of international affairs have not. Some fear that Trump’s nationalist tendencies will erode the U.S. position, but the momentum of America’s successful grand strategy has kept the country on a fairly steady course. Despite Trump’s criticism of NATO, for example, two new countries have joined the alliance on his watch, including North Macedonia this week. The coronavirus has upended a sense of security in the U.S., leading many people into the familiar trap of lauding autocratic China’s firm response in contrast to the halting and patchwork measures in the United States. But there is good reason to believe that this assessment will be updated in America’s favor with the benefit of hindsight. Already we are seeing evidence that conditions are much worse in China than CCP officials are letting on and that China’s attempts at international “disaster diplomacy” are backfiring. It has been revealed that the CCP has continually misrepresented the numbers of COVID-19 infections and deaths in China, and European nations have rejected and returned faulty Chinese coronavirus testing kits.

### Framing

#### The standard is maximizing expected well being. Prefer –

#### 1] Only pleasure and pain are intrinsically valuable – all other frameworks collapse.

Moen 16 [Ole Martin Moen, Research Fellow in Philosophy at University of Oslo “An Argument for Hedonism” Journal of Value Inquiry (Springer), 50 (2) 2016: 267–281] TDI

Let us start by observing, empirically, that a widely shared judgment about intrinsic value and disvalue is that **pleasure is intrinsically valuable and pain is intrinsically disvaluable**. On virtually any proposed list of intrinsic values and disvalues (we will look at some of them below), pleasure is included among the intrinsic values and pain among the intrinsic disvalues. This inclusion makes intuitive sense, moreover, for **there is something undeniably good about the way pleasure feels and something undeniably bad about the way pain feels**, and neither the goodness of pleasure nor the badness of pain seems to be exhausted by the further effects that these experiences might have. “Pleasure” and “pain” are here understood inclusively, as encompassing anything hedonically positive and anything hedonically negative.2 **The special value statuses of pleasure and pain are manifested in how we treat these experiences in our everyday reasoning about values.** If you tell me that you are heading for the convenience store, I might ask: “What for?” This is a reasonable question, for when you go to the convenience store you usually do so, not merely for the sake of going to the convenience store, but for the sake of achieving something further that you deem to be valuable. You might answer, for example: “To buy soda.” This answer makes sense, for soda is a nice thing and you can get it at the convenience store. I might further inquire, however: “What is buying the soda good for?” This further question can also be a reasonable one, for it need not be obvious why you want the soda. You might answer: “Well, I want it for the pleasure of drinking it.” If I then proceed by asking “But what is the pleasure of drinking the soda good for?” the discussion is likely to reach an awkward end. The reason is that the **pleasure is not good for anything further**; it is simply that for which going to the convenience store and buying the soda is good.3 As Aristotle observes: “We never ask [a man] what his end is in being pleased, because we assume that pleasure is choice worthy in itself.”4 Presumably, a similar story can be told in the case of pains, for if someone says “This is painful!” we never respond by asking: “And why is that a problem?” We take for granted that if something is painful, we have a sufficient explanation of why it is bad. If we are onto something in our everyday reasoning about values, it seems that **pleasure and pain are both places where we reach the end of the line in matters of value.**

#### 2] Reducing existential risks is the top priority in any coherent moral theory

Plummer, 15

(Theron, Philosophy @St. Andrews http://blog.practicalethics.ox.ac.uk/2015/05/moral-agreement-on-saving-the-world/)

There appears to be lot of disagreement in moral philosophy. Whether these many apparent disagreements are deep and irresolvable, I believe there is at least one thing it is reasonable to agree on right now, whatever general moral view we adopt: that it is very important to reduce the risk that all intelligent beings on this planet are eliminated by an enormous catastrophe, such as a nuclear war. How we might in fact try to reduce such existential risks is discussed elsewhere. My claim here is only that we – whether we’re consequentialists, deontologists, or virtue ethicists – should all agree that we should try to save the world. According to consequentialism, we should maximize the good, where this is taken to be the goodness, from an impartial perspective, of outcomes. Clearly one thing that makes an outcome good is that the people in it are doing well. There is little disagreement here. If the happiness or well-being of possible future people is just as important as that of people who already exist, and if they would have good lives, it is not hard to see how reducing existential risk is easily the most important thing in the whole world. This is for the familiar reason that there are so many people who could exist in the future – there are trillions upon trillions… upon trillions. There are so many possible future people that reducing existential risk is arguably the most important thing in the world, even if the well-being of these possible people were given only 0.001% as much weight as that of existing people. Even on a wholly person-affecting view – according to which there’s nothing (apart from effects on existing people) to be said in favor of creating happy people – the case for reducing existential risk is very strong. As noted in this seminal paper, this case is strengthened by the fact that there’s a good chance that many existing people will, with the aid of life-extension technology, live very long and very high quality lives. You might think what I have just argued applies to consequentialists only. There is a tendency to assume that, if an argument appeals to consequentialist considerations (the goodness of outcomes), it is irrelevant to non-consequentialists. But that is a huge mistake. Non-consequentialism is the view that there’s more that determines rightness than the goodness of consequences or outcomes; it is not the view that the latter don’t matter. Even John Rawls wrote, “All ethical doctrines worth our attention take consequences into account in judging rightness. One which did not would simply be irrational, crazy.” Minimally plausible versions of deontology and virtue ethics must be concerned in part with promoting the good, from an impartial point of view. They’d thus imply very strong reasons to reduce existential risk, at least when this doesn’t significantly involve doing harm to others or damaging one’s character. What’s even more surprising, perhaps, is that even if our own good (or that of those near and dear to us) has much greater weight than goodness from the impartial “point of view of the universe,” indeed even if the latter is entirely morally irrelevant, we may nonetheless have very strong reasons to reduce existential risk. Even egoism, the view that each agent should maximize her own good, might imply strong reasons to reduce existential risk. It will depend, among other things, on what one’s own good consists in. If well-being consisted in pleasure only, it is somewhat harder to argue that egoism would imply strong reasons to reduce existential risk – perhaps we could argue that one would maximize her expected hedonic well-being by funding life extension technology or by having herself cryogenically frozen at the time of her bodily death as well as giving money to reduce existential risk (so that there is a world for her to live in!). I am not sure, however, how strong the reasons to do this would be. But views which imply that, if I don’t care about other people, I have no or very little reason to help them are not even minimally plausible views (in addition to hedonistic egoism, I here have in mind views that imply that one has no reason to perform an act unless one actually desires to do that act). To be minimally plausible, egoism will need to be paired with a more sophisticated account of well-being. To see this, it is enough to consider, as Plato did, the possibility of a ring of invisibility – suppose that, while wearing it, Ayn could derive some pleasure by helping the poor, but instead could derive just a bit more by severely harming them. Hedonistic egoism would absurdly imply she should do the latter. To avoid this implication, egoists would need to build something like the meaningfulness of a life into well-being, in some robust way, where this would to a significant extent be a function of other-regarding concerns (see chapter 12 of this classic intro to ethics). But once these elements are included, we can (roughly, as above) argue that this sort of egoism will imply strong reasons to reduce existential risk. Add to all of this Samuel Scheffler’s recent intriguing arguments (quick podcast version available here) that most of what makes our lives go well would be undermined if there were no future generations of intelligent persons. On his view, my life would contain vastly less well-being if (say) a year after my death the world came to an end. So obviously if Scheffler were right I’d have very strong reason to reduce existential risk. We should also take into account moral uncertainty. What is it reasonable for one to do, when one is uncertain not (only) about the empirical facts, but also about the moral facts? I’ve just argued that there’s agreement among minimally plausible ethical views that we have strong reason to reduce existential risk – not only consequentialists, but also deontologists, virtue ethicists, and sophisticated egoists should agree. But even those (hedonistic egoists) who disagree should have a significant level of confidence that they are mistaken, and that one of the above views is correct. Even if they were 90% sure that their view is the correct one (and 10% sure that one of these other ones is correct), they would have pretty strong reason, from the standpoint of moral uncertainty, to reduce existential risk. Perhaps most disturbingly still, even if we are only 1% sure that the well-being of possible future people matters, it is at least arguable that, from the standpoint of moral uncertainty, reducing existential risk is the most important thing in the world. Again, this is largely for the reason that there are so many people who could exist in the future – there are trillions upon trillions… upon trillions. (For more on this and other related issues, see this excellent dissertation). Of course, it is uncertain whether these untold trillions would, in general, have good lives. It’s possible they’ll be miserable. It is enough for my claim that there is moral agreement in the relevant sense if, at least given certain empirical claims about what future lives would most likely be like, all minimally plausible moral views would converge on the conclusion that we should try to save the world. While there are some non-crazy views that place significantly greater moral weight on avoiding suffering than on promoting happiness, for reasons others have offered (and for independent reasons I won’t get into here unless requested to), they nonetheless seem to be fairly implausible views. And even if things did not go well for our ancestors, I am optimistic that they will overall go fantastically well for our descendants, if we allow them to. I suspect that most of us alive today – at least those of us not suffering from extreme illness or poverty – have lives that are well worth living, and that things will continue to improve. Derek Parfit, whose work has emphasized future generations as well as agreement in ethics, described our situation clearly and accurately: “We live during the hinge of history. Given the scientific and technological discoveries of the last two centuries, the world has never changed as fast. We shall soon have even greater powers to transform, not only our surroundings, but ourselves and our successors. If we act wisely in the next few centuries, humanity will survive its most dangerous and decisive period. Our descendants could, if necessary, go elsewhere, spreading through this galaxy…. Our descendants might, I believe, make the further future very good. But that good future may also depend in part on us. If our selfish recklessness ends human history, we would be acting very wrongly.” (From chapter 36 of On What Matters)

#### 3] Theory – util best for ground bc it’smost common in topic lit, k2 fairness since we both need ev to engage

### UV

#### 1] 1AR Theory – a] the aff gets it because otherwise the 1NC could be infinitely abusive which o/w, b] it’s drop the debater because the 2AR is too short to win a shell AND substance so theory can only check abuse for the aff  c] no neg RVI because otherwise they could dump on the shell for 6 minutes and get away with anything by sheer brute force, d] fairness is a voter and outweighs because it’s constitutive of competitive activities like debate and every argument either debater makes relies on the judge evaluating them fairly, it comes before substance because it determines whether it’s an accurate measure of who debate better.

#### 2] Permissibility and presumption triggers are voting issues –

#### A] moots the entirety of the 1ac

#### B] disincentivizes clash

#### 3] Presumption and Permissibility affirm

#### A] Logic – Negating an obligation requires proving a prohibition. To negate you have to give proactive reasoning why an action is wrong. If there are none, affirm.

#### B] Freeze – requiring justification for all actions makes it impossible say neutral things like ‘I ought to drink water’, so assume we can take an action.

#### C] Presuming statements false means society can’t function because we wouldn’t follow laws

#### 4] Reasonable aff counterinterps—[A] There are multiple T interps the 1NC can read, like spec good bad, which the aff will always violate — if our interp is okay, you should default to substance – o/w since topic ed is unique to this resolution for 2 months, [B] There’s only 4 minutes for the 1AR to generate offense, answer standards, and weigh while still covering substance—reasonable aff interps allow us to actually get education

#### 5] Condo is a voting issue, they skew aff strategy since we never know they will kick it and are forced to respond to it. IV for fairness cuz they create irreciprocal divisions that the aff cant ev

#### 6] PICs are a voting issue – they moot the entirety or majority of the 1AC’s offense barely giving me any ground to respond and make meaningful answers to the PIC. Ground is key to education because I can’t engage with the substance of the PIC.