Supplementary Online Material for Golden Kroner et al.,

COVID-era policies and economic recovery plans: are governments building back better for protected and conserved areas?

Supplemental Results

Examples of advancements or continuations of pre-pandemic commitments during 2020 that support PCAs

- **Argentina:** The National Programme for Forest Fire Prevention and Management is being strengthened with an additional US\$580,000 (ARS 45.5 million).¹
- **Belize**: The Sapodilla Cayes Marine Reserve is being expanded seven-fold and gillnets will be phased out by 2022.²
- Canada:
 - The Wilderness and Ecological Reserves Advisory Council has released a protected area plan for Newfoundland which proposes 32 new protected areas.³
 - The US\$1.03 billion (CAD1.35 billion) Nature Legacy initiative (launched in 2018) is the single largest investment in nature conservation by a government in Canada's history. A list of funded projects funded was announced in June 2020 which, once completed, would help the country achieve almost 17% protection of land and freshwater.^{4,5,6,7}
 - Between 2017 and 2020, Canada invested US\$19.09 (CAD25 million) over four years to support an Indigenous Guardians Pilot Program to provide Indigenous Peoples to exercise responsibility in stewardship of their traditional lands and waters.⁸,⁹
- **Cameroon**: REDD activities are being taken forward in line with Cameroon's intention of reducing greenhouse gases by 32% by 2035¹⁰
- China announced plans to establish 10 national parks by the end of 2020.11,12
- **El Salvador:** A new marine protected area was announced in February 2020 covering 19,760 hectares of territorial waters and offshore seabeds, helping to conserve ecosystems, preserve species and support local livelihoods.¹³
- Germany: Planned before the COVID19 crisis, the Legacy Landscape concept was launched during the pandemic with the support of the federal agency for nature conservation. The initiative mobilises funding to protect iconic areas at a landscape scale.¹⁴
- Guinea-Bissau: A research project, which was initiated in 2019 and expanded in 2020, aims to minimize risks of infectious zoonotic diseases in humans and wildlife in Cantanhez National Park.¹⁵
- India: Kaziranga National Park and Tiger Reserve is being expanded by 3,000 hectares.¹⁶
- Ireland: A national consultation for marine protected areas has begun.¹⁷
- Namibia: The proposed new Wildlife and Protected Areas Management Bill provides a framework for protected areas governance, and defines rules and procedures for mining and tourism concessions. It also includes provisions for equitable access to benefits from wildlife and biological resources, and shared responsibilities for management.¹⁸
- Nepal: The Forests for Prosperity project aims to assist community forest user groups to enhance livelihoods from the sustainable harvesting of timber and other forest products. Plantations on degraded public lands in the Chure region will create green jobs and reinforce climate resilience¹⁹. Nepal also plans to build infrastructure to attract tourists in protected areas.
- Pakistan: After a period of COVID-related lockdown, the "10 Billion Trees campaign" was
 resumed; this restoration initiative, with an investment of US\$46 million (PKR7.5 billion), aims to
 create more than 63,600 jobs to set up nurseries, plant saplings, and serve as forest protection
 guards or firefighters.^{20,21}
- **Peru:** In September, President Vizcarra announced the intent to create the Nazca Ridge Protected Area, the largest in the country and covering 7.3% of Peru's waters.²²

- Philippines: Budget allocation for the expanded system of protected areas remain unchanged for FY2020 at US\$40 million despite budget realignments for COVID-related expenses.²³
- Romania: Some urban-adjacent lands are being designated as forest parks²⁴
- **Russia**: Three protected areas will be established in the Kushtau mountain, Cape Serdtse-Kamen and Mount Dionysius regions.^{25,26,27}
- **Saudi Arabia** has declared f the Uruq Bani Mu'arid Protected Area, the country's first "model reserve."²⁸
- **Senegal:** Three new marine protected areas (Gorée island, Somone and Kaalolaal Blouf-Fogny) have been designated and Gandoul MPA expanded.^{29,30}
- Seychelles: A new large debt-for-nature swap, focused for the first time on marine parks, will create 13 new PAs, extending the country's MPA estate to 30% of its territorial waters; this is the first debt-conversion focused on marine parks.³¹,³²
- Turkey: the Gökova Bay Special Environmental Protection Area marine PA is being expanded by 350 km².³³
- United States: The Great American Outdoors Act will provide funding of up to US\$1.9 billion annually for protected area maintenance agencies (National Park Service, Forest Service, US Fish and Wildlife Service, Bureau of Land Management and Bureau of Indian Education), and permanent funding for the Land and Water Conservation Fund.³⁴ Uruguay has created a Ministry of the Environment (August 2020).³⁵

Supplemental Table 1: Rollbacks to environmental protections enacted or advanced during the COVID-19 pandemic (January – October 2020). Table includes selected cases from: (1) Global Conservation Rollbacks Tracker related to land and water protections and/or IPLC rights; and/or general environmental regulations; and (2) Center for Western Priorities tracker of Interior Department rollbacks in 2020³⁶ related to protected areas and general environmental regulations that will affect them. Excludes other rollbacks specifically focused on species, climate, and air quality; see online sources (climate tracker; center for western priorities; CI tracker; NYT) for more information.

Country	Rollback category	Description	Source
		"Part of the larger Vjore-Narte Protected Area, Narta Lagoon is a	
		stunning Key Biodiversity Area (KBA) rich in marine life, including the	
		Mediterranean Monk Seal (Endangered), diverse plant species and a	
		key 'landing' and refuelling site for waterbirds – not aeroplanes. The	http://www.birdlife.org/world
		Albanian government continues to push for the construction of an airport	wide/news/battle-keep-
	Land and water	here, despite a failed attempt last year and coordinated opposition from	albanias-protected-areas-
Albania	protections, Water	NGOs."	protected
			https://exit.al/en/2020/05/01/
			another-albanian-national-
			park-under-threat-from-
	Land and water	"The construction of a new hydropower plant is threatening the Lure-	hydropower-plant-
Albania	protections, Water	Mali i Dejes National Park in Albania."	construction/
			https://www.theguardian.co
			<u>m/australia-</u>
			news/2020/apr/23/coalition-
			is-aiming-to-change-
			australias-environment-laws-
	General environmental	"Coalition is aiming to change Australia's environment laws before	before-review-is-
Australia	regulations	review is finished"	finished?CMP=share btn tw
			https://www.theguardian.co
			m/environment/2020/jun/16/
		"Scientists have expressed dismay and frustration at Scott Morrison's	scientists-fear-push-to-
		latest push to deregulate the environmental approval process for major	deregulate-environmental-
	General environmental	developments, noting it comes just months after an unprecedented	approvals-will-lead-to-
Australia	regulations	bushfire crisis and during a review of national conservation laws."	extinction-crisis
		"The Streamlining Environmental Approvals Bill brought by Environment	https://amp.smh.com.au/polit
		Minister Sussan Ley would create a 'one-touch regime' for assessments	ics/federal/morrison-
		of major projects, which would hand state governments responsibility for	government-resurrects-
		approval and management of major project development impacts on	abbott-s-one-stop-shop-
	General environmental	threatened species, habitat and biodiversity as well as World Heritage	environment-laws-
Australia	regulations	areas."	<u>20200827-</u>

			p55ptw.html? twitter impre
			ssion=true&s=03
Australia	General environmental regulations	"Legislation to change Australia's environmental laws has been rammed through the lower house by the Morrison government prompting outrage from Labor, the Greens and the crossbench. The government's bill would amend the Environment Protection and Biodiversity Conservation (EPBC) Act, clearing the way for the transfer of development approval powers to state and territory governments."	https://www.theguardian.co m/australia- news/2020/sep/03/australian -government-gags-debate- to-ram-environmental-law- changes-through-lower- house?CMP=Share_iOSApp _Other
Australia	Land and water	"The suspension of conservation laws in the logging industry for the next decade by the State of Victoria is a direct deregulatory measure in agriculture and forestry. While it is not a law imposed across the entire country, the repeal of this legislation places natural forests at risk of logging. This suspension is a part of the Regional Forestry Agreement that was reaffirmed during the COVID-19 crisis which exempts loggers from compliance with certain federal conservation laws, including the	https://www.vivideconomics. com/wp- content/uploads/2020/09/GS
Australia	protections	Environmental Protection Biodiversity Conservation Act."	<u>I 924.pdf</u>
Australia	Climate, Land and water protections	"Almost 7,000 square kilometres of land will be released for coal and gas exploration as part of a raft of measures to ensure the survival of the resources sector through the coronavirus pandemic, the Queensland Government has announced."	https://www.abc.net.au/news /2020-05-07/queensland- coal-and-gas-exploration- coronavirus/12220636 https://www.theguardian.co m/world/2020/may/06/brazil-
		"a presidential decree awaiting congressional approval and new rules	using-coronavirus-to-cover- up-assaults-on-amazon- warn- activists?fbclid=IwAR3bPjsVj oOZSLOci0zQp0Uf05FoHR
	IPLC rights, Land and	at the indigenous agency FUNAI effectively legalise land grabbing in	vmQuWCj9iLo9RvZkyP6mX
Brazil	water protections	protected forests and indigenous reserves."	<u>B7SiUUZ0</u>
Brazil	IPLC rights, Land and water protections	"A public land regularization project has generated so much criticism from environmentalists that foreign companies have already threatened to cut the import of Brazilian products."	https://g1.globo.com/jornal- nacional/noticia/2020/05/20/ projeto-de-regularizacao-de- terras-publicas-gera-criticas- de-ambientalistas.ghtml
Brazil	IPLC rights, Land and water protections	"Brazil's lower house of Congress delayed voting on a land bill seen by some as contributing to deforestation in the Amazon rainforest, which	https://www.reuters.com/article/us-brazil-

		has dozens of European companies threatening to boycott Brazilian	environment/brazil-delays-
		exports. The bill allows squatters on public land to more easily receive	vote-on-land-bill-amid-threat-
		deeds to their properties, a policy that environmental advocacy group	of-environmental-boycott-
		Imazon warns will accelerate deforestation of up to 16,000 square	idUSKBN22W2TU?
		kilometers in the world's largest rainforest by 2027."	
			https://news.mongabay.com/
			2020/05/bolsonaro-revives-
		"President Jair Bolsonaro has revived a plan, conceived in the 1970s, to	a-plan-to-carve-a-road-
	Land and water	extend the BR-163 highway, the main soy corridor in Brazil, north to the	through-one-of-brazils-last-
Brazil	protections	border with Suriname."	untouched-areas/
			https://news.mongabay.com/
			2020/03/br-319-illegal-side-
		"Brazil faces a critical decision on licensing Highway BR-319, in the	road-threatens-amazon-
	Land and water	Purus / Madeira river basins of Amazonas state, which would 'chop the	protected-area-indigenous-
Brazil	protections	Amazon rainforest in half."	land-commentary/
		"Anglo American, one of the biggest mining companies in the world, and	
		its two Brazilian subsidiaries have submitted nearly 300 applications to	
		dig for gold and other minerals inside indigenous territories in the	https://news.mongabay.com/
		Brazilian Amazon, records seen by Mongabay show. Also at stake is the	2020/03/anglo-american-
	Land and water	Renca national reserve, a massive protected area that Bolsonaro has	seeking-to-mine-on-
	protections, IPLC	indicated he wants reduced or stripped of its status in order to allow	indigenous-lands-in-brazils-
Brazil	rights	mining."	amazon/
			https://news.mongabay.com/
		"Though mining is still illegal in indigenous reserves under Brazilian law,	2020/04/gold-mining-
	Land and water	President Jair Bolsonaro has introduced a bill awaiting a vote in	threatens-indigenous-
	protections, IPLC	Congress that would allow mining, oil and gas extraction and other uses	forests-in-the-brazilian-
Brazil	rights	of these lands."	amazon/
			https://www.reuters.com/arti
			cle/us-brazil-politics-
			environment/brazil-minister-
		"Brazilian Environment Minister Ricardo Salles called on the government	calls-for-environmental-
	Land and water	to push through further deregulation of environmental policy while	deregulation-while-public-
	protections, IPLC	people are distracted by the coronavirus pandemic, in a video the	distracted-by-covid-
Brazil	rights	Supreme Court ordered released"	idUSKBN22Y30Y
		"As in the rest of Legal Amazonia, farmers located in western Maranhão	
		are subject to Brazil's Forest Code, and must conserve 80% of the	https://news.mongabay.com/
		standing forest on their land. In places like Maranhão, most of those	2020/07/forest-restoration-
		Legal Reserves contain secondary forests, including important	not-just-halting-
	Land and water	communal forests such as babassu stands. However, the new zoning	deforestation-vital-to-
Brazil	protections	policy approved by the Maranhão State Parliament in May reduces the	<u>amazon/</u>

		official Logal Decembra size from 2004 to 5004 of a property if the logal is	
		official Legal Reserve size from 80% to 50% of a property, if the land is	
		not old-growth forest — freeing up 30% of those secondary forests for	
		potential deforestation and potentially rewarding previous illegal	
		logging."	
			https://www.bbc.com/news/w
			orld-latin-america-54338892
			https://www.bbc.com/news/w
			orld-latin-america-
		"The Brazilian government of Jair Bolsonaro has revoked regulations	54350180#:~:text=The%20d
		that protect tropical mangroves and other fragile coastal ecosystems	ecision%20removed%20so
		The decision removed so-called "permanent protection zones" created	%2Dcalled,controversial%20
		in 2002 to preserve Brazil's many tropical mangroves and the sand-	Environment%20Minister%2
	Land and water	dune scrublands. It was taken by the National Environmental Council,	0Ricardo%20Salles.
Brazil	protections	led by controversial Environment Minister Ricardo Salles."	orricardo /0200alics.
		"Brazil dismantles environmental laws via huge surge in executive acts:	
		Study. What we already know is that most of the noteworthy acts	
		change the institutional structure. They point, mainly, to a greater	https://news.mongabay.com/
		concentration of power in the figure of the Minister of the Environment.	2020/08/brazil-end-runs-
		We detected acts of flexibility — alteration, temporary or not, of	environmental-laws-via-
	General environmental	deadlines or conditions for compliance with environmental rules, norms	huge-surge-in-executive-
Dra=il			
Brazil	regulations	and laws — and of deregulation."	acts-study/
			https://www1.folha.uol.com.b
		"The Delegners reverse to see leveled with lighting of easts on the	r/ambiente/2020/07/governo-
		"The Bolsonaro government accelerated publication of acts on the	acelerou-canetadas-sobre-
_ "	General environmental	environment during the months of the greatest growth of the COVID-19	meio-ambiente-durante-a-
Brazil	regulations	pandemic in the country"	pandemia.shtml
		"The Cameroon government recently approved a logging concession for	
		Ebo Forest, which would allow trees in 68,385 hectares (169,000 acres)	https://news.mongabay.com/
		of the region to be harvested, despite opposition from conservationists	2020/07/for-tool-wielding-
		and local communities. Ebo Forest was previously slated to be	chimps-of-ebo-forest-
	Land and water	transformed into a national park, an effort spearheaded by WWF, but	logging-plan-is-a-death-
Cameroon	protections	plans were dashed in 2013, reportedly because of lack of funding."	sentence/
			https://www.la-
		"The Cameroonian government on Tuesday, August 11, cancelled a	croix.com/Monde/Au-
	Land and water	decree endangering 68,000 hectares of the primary forest of Ebo, in	Cameroun-foret-dEbo-
	protections (rollback	central Cameroon. A positive decision for the local communities strongly	preservee-2020-08-12-
Cameroon	reversed)	attached to their land but also for the preservation of biodiversity."	1201108853
	General environmental	"Alberta suspended reporting requirements under several environmental	https://theconversation.com/r
Canada	regulations, Climate	acts, except for drinking water facilities. Later changes by the Alberta	olling-back-canadian-

		Energy Regulator removed many menitering requirements for all	anvironmental regulations
		Energy Regulator removed many monitoring requirements for oil	environmental-regulations-
		companies, including monitoring surface water, ground water and	during-coronavirus-is-short-
		wildlife in tailings ponds Monitoring was also temporarily put on hold	sighted-139636
		in fisheries Ontario removed the requirements for consultation on	
		environmental issues during the current state of emergency Alberta	
		also opened much of the eastern Rocky Mountains and foothills to open-	
		pit coal mining without public consultation."	
		Proposal to eliminate protective status for provincial parks in Alberta,	
		following a quiet amendment that removed the requirement for public	
		consultation in these types of decisions. "A total of 175 parks are slated	
Canada		to be closed and/or removed from Alberta Parks system and revert to	
		public land (including the 20 slated for full or partial closure some of	
		which overlap with the 164 for future "partnership"). Public lands	
	Land and water	management and vacant public land-use do not adequately protect fish	https://cpawsnab.org/alberta
	protections	and wildlife or recreation values."	-parks-fact-check/
		"20 Alberta parks to be fully or partially closed, while dozens opened up	https://www.cbc.ca/news/can
Canada	Land and water	for 'partnerships.' Critics say move could lead to the provincial parks	ada/calgary/alberta-park-
	protections	running as for-profits"	funding-slashed-1.5484095
		"The government used its majority to pass the legislation, Bill 197, on	
		Tuesday night over the objections of opposition parties. The omnibus bill	
		makes sweeping changes to 20 pieces of legislation, including major	https://www.nationalobserver
		rewrites of environmental law. Green advocates have said measures in	.com/2020/07/21/news/ford-
		the bill amount to a rollback of environmental protections. It includes a	governments-proposed-
		rewrite of environmental assessment rules — the government will now	environmental-assessment-
		decide which projects get environmental assessments, rather than	changes-are-potentially-
Canada	regulations	reviewing most public sector projects by default."	illegal
		"In the midst of a pandemic, on April 20, the Evaluation Commission of	
		the Valparaíso region - in charge of the classification of projects	
		submitted to the Environmental Impact Assessment System (SEIA) -	
		unanimously approved the Environmental Impact Statement (DIA) of the	
		"Las Tejas Pre-Feasibility Mining Soundings" project, by the Compañía	
		Minera Vizcachitas Holding, a subsidiary of the Canadian Los Andes	
		Copper. This project contemplates the realization of 350 drillings to	
	Climate, Land and	estimate the quantity and quality of existing mineral reserves in the	http://olca.cl/articulo/nota.ph
Chile	water protections	Putaendo mountain range, with a view to generating an open-pit mine."	<u>p?id=107891</u>
		"The Cook Islands government will allow miners to prospect for minerals	https://news.mongabay.com/
		on its seabed, with an eye to commencing mining within five years.	2020/06/cook-islands-to-
		Officials justify the decision on the need to ease the country's economic	grant-seabed-mining-
	Land and water	dependence on tourism, which has taken a hit from coronavirus-related	exploration-licenses-within-
Cook Islands	protections	travel restrictions."	<u>a-year/</u>

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		"New oil road deeper into Yasuni National Park (Ecuador)beginning in	
		mid-March 2020, we detected the construction of a new access road	
		heading further south from the last platform As of early May, this road	
		construction was 3.7 km through primary forest This finding is	
		concerning because it brings oil development closer to the "Zona	
		Intangible," a reserve created to protect the territory of indigenous	
	Land and water	people in voluntary isolation (Tagaeri, Taromenane), isolated relatives of	
	protections, IPLC	the Waorani It is also concerning because construction is occurring	https://maaproject.org/2020/i
Ecuador	rights, Climate	during the coronavirus pandemic."	tt-vasuni/
Loudon	Land and water		https://es.mongabay.com/20
	protections, General		20/10/despidos-
	environmental	Layoffs of 398 staff of the Ministry of Environment and Water, including	guardaparques-ecuador-
Ecuador			
Ecuador	regulations	30 staff who worked in the National System of Protected Areas.	riesgo-areas-protegidas/
		"The Executive requested a cut of \$ 16 million to eight institutions to pay	Little Heaten and the state
		salaries for three months, goods and services and financial expenses of	https://gatoencerrado.news/
	Land and water	the National Administration of Aqueducts and Sewers (ANDA). Among	2020/06/05/gobierno-
	protections, General	those institutions that were cut is Ministry of Environment and Natural	reduce-presupuesto-a-
	environmental	Resources, with a reduction of \$ 1.4 million, depleting budget to manage	prevencion-de-riesgo-en-
El Salvador	regulations	natural protected areas and wildlife."	medio-de-emergencia/
		"Greek lawmakers approved a controversial environmental bill that	
		changes regulations on land use, environmental licensing, the	
		management of protected areas and sells another stake in Greece's	
		power grid operator ADMIE, partly owned by State Grid Corporation of	https://www.politico.eu/articl
		China It will also allow oil and gas exploration in protected areas,	e/greek-environment-bill-
	Land and water	while reducing the ability of local governments to block such	aims-at-coronavirus-
Greece	protections, Climate	investments."	recovery/
0.0000		"The Hungarian government is planning to develop a tourism complex	
		inside the following Natura 2000 site: Fertő tó SPA. The tourism	
		complex is to cover roughly 60 hectares and includes the following	
		elements:	
		1. Reconstruction of the existing beach area with its catering facilities	
		2. Building new tourism facilities: 4-star hotel, motel, camping, sport	
		complex with indoor sport facilities, 880 parking places for cars,	
		harbour for 450+ sailing yachts and 350+ paddling boats,	
		ecotourism centre which is to be used as visitor centre of the Fertő-	
	Land and water	Hanság National Park."	https://savefertolake.yolasite
Hungary	protections		.com/threats.php
		Government of India's environment ministry has proposed a new set of	https://india.mongabay.com/
	General environmental	rules to govern the country's environment clearance regime for industrial	2020/03/indias-proposed-
India	regulations	projects like dams, mines, airports, highways etc. The draft Environment	overhaul-of-environment-
	rogulationo		storidar of on monitoriti

		Impact Assessment (EIA) notification 2020, which was unveiled last	clearance-rules-could-dilute-
			existing-regulations)/
		week, proposes to ease processes for business, does away with the	existing-regulations)/
		public hearings for many projects, ease rules for expansion of projects	
		among other things.	
			https://www.thehindu.com/ne
		"Despite resistance, the Ministry of Environment, Forest and Climate	ws/cities/bangalore/its-
		Change (MoEF&CC), has given the green signal to reduce the Eco-	official-bnps-eco-sensitive-
	Land and water	Sensitive Zone (ESZ) of the Bannerghatta National Park (BNP) by	zone-reduced-by-100-
India	protections	around 100 sq. km."	sqkm/article31053455.ece
		"In the peak of the Covid-19 Pandemic, as the whole country is on a	
		lockdown mode, there is something that has stopped: the opening up	https://www.impactnews.in/n
		and clearing up of Protected Areas for various projects. A total of 31	ot-safe-even-during-
		proposals involving diversion of 185 acres of National Parks and	lockdown-185-acres-of-land-
		Sanctuaries and about 3000 acres in the eco sensitive zone is to be	within-national-parks-and-
		considered by the Standing Committee of the National Board for Wildlife	sanctuaries-proposed-for-
	Land and water	(NBWL) headed by Prakash Javadekar, Union Minster for Environment,	diversion-by-national-board-
India	protections	Forest and Climate Change."	for-wildlife/
		"India's environment ministry has recently cleared multiple infrastructure	
		projects in protected areas in the country. Assam's Dehing Patkai which	https://india.mongabay.com/
		has rare and endangered species including elephants and Goa's	2020/06/environment-
		Bhagwan Mahavir which is part of an important tiger corridor are two	ministry-unlocked-many-
	Land and water	among other wildlife sanctuaries where clearances for coal mining,	protected-areas-during-the-
India	protections	power lines and roads have been given."	lockdown/
			https://www.sentinelassam.c
			om/topheadlines/environmen
		"Environmentalists have intensified their protest against the decision of	talists-opposed-coal-mining-
	Land and water	National Board for Wildlife (NBWL) for coal mining in Saleki of the	in-saleki-of-dehing-patkai-
India	protections, Climate	Dehing Patkai Elephant Reserve."	elephant-reserve-477385
			https://www.ndtv.com/india-
			news/row-over-2-
		"The Ministry of Environment, Forest and Climate Change has given	environment-clearances-in-
	Land and water	clearance for hydrocarbon drilling to Oil India Limited at seven locations	protected-wildlife-areas-in-
India	protections, Climate	under the Dibru Saikhowa National Park in Assam's Tinsukia district"	assam-2232444
		"Wildlife nod not required for railway projects: Ministry Railway	
		projects, small-scale development works involving construction over less	https://www.hindustantimes.
		than 20,000 square metres, and under-25 MW capacity hydropower	com/india-news/wildlife-nod-
		plants will not require approval from the National Board for Wildlife	not-required-for-rly-projects-
		(NBWL) even if they are located within eco-sensitive zones (ESZs) of	ministry/story-
	General environmental	national parks or wildlife sanctuaries, the environment ministry has	lk4l56MXDMxeQD0q5JQhlK
India	regulations	said."	.html
		1	

			https://www.theguardian.co
			m/world/2020/aug/08/india-
		"India plans to fell ancient forest to create 40 new coalfields under a	prime-minister-narendra-
		new "self-reliant India" plan by the prime minister, Narendra Modi, to	modi-plans-to-fell-ancient-
		boost the economy post-Covid-19 and reduce costly imports, 40 new	forest-to-create-40-new-
	Climate, Land and	coalfields in some of India's most ecologically sensitive forests are to be	<u>coal-</u>
India	water protections	opened up for commercial mining."	fields?CMP=share_btn_tw
			https://www.nation.co.ke/ne
		"In its new 10-year management plan for the Nairobi National Park, the	ws/Lobbies-oppose-KWS-
	Land and water	Kenya Wildlife Service intends to construct an eco-lodge, a high-end	plan-for-hotels-in-park/1056-
Kenya	protections	restaurant and an amphitheatre, which could threaten the park."	5529852-76uf7k/index.html
		"The construction of the road that cuts through the Nairobi National Park	https://www.the-
		is ongoing. Initially, plans by the Kenya Railways to build an access road	star.co.ke/counties/nairobi/2
		linking the Nairobi Inland Container Depot to the Southern Bypass along	020-03-12-road-works-
	Land and water	the boundary of Nairobi National Park (in 2018) drew opposition. The	underway-through-nairobi-
Kenya	protections	road has eaten into sections of the park."	national-park/
		"The current Movement Control Order (MCO) and the suspension of	
		activities by NGOs by the Registrar of Societies, have made it	
		impossible to have any proper assessment of impacts or dialogue on the	
		proposed degazettement of the Kuala Langat North Forest Reserve. So	https://omny.fm/shows/earth-
	Land and water	it came as a surprise when the Selangor state government announced it	matters/degazettement-
	protections, IPLC	would soon conduct a public hearing session for the proposed	process-goes-on-despite-
Malaysia	rights	degazettement."	covid-19-pan
			https://www.eluniversal.com.
			mx/english/conanp-mexico-
			strips-its-natural-protected-
			areas-75-their-budget
			arous ro then budget
		Pudget oute appounded by the President to reduce the appretional	https://www.dof.gob.mx/nota
	Land and water	Budget cuts announced by the President to reduce the operational budget of almost all government entities by 75%, including for the	_detalle.php?codigo=55922
Mexico		National Natural Protected Areas Commission (CONANP).	
IVIEXICO	protections		
		"A permit to establish the largest copper mine in the Philippines was to	https://news.mongabay.com/
		have expired on March 12 this year, but will instead remain valid for	2020/03/the-fight-goes-on-
		another 12 years, thanks to an "under-the-radar" extension granted by	for-opponents-of-a-
		the government in 2016 "The mine falls within the ancestral domain	philippine-mine-given-a-new-
		of the Blaan tribespeople, an estimated 4,000 of whom will be displaced	lease-on-life/
Dhillersisse		once the excavation begins."	
Philippines	IPLC rights		

			https://www.biofuelwatch.org
			.uk/wp-
			content/uploads/Open-
			Letter-by-Polish-CSOs.pdf
			<u></u>
			https://www.lasy.gov.pl/pl/inf
			ormacje/aktualnosci/wyjasni
			enie-w-sprawie-zmiany-
			ustawy-o-odnawialnych-
			zrodlach-energii-oraz-
			wprowadzenia-definicji-
		Adjustment of the definition of the type of wood that can be burned in	drewna-energetycznego
		powerplants, including "deadwood and dying trees" and allowance of	
		sanitary logging; may lead to forest harvest in protected Natura 2000	https://www.biofuelwatch.org
	Land and water	sites. Would affect biodiversity, carbon storage, and ecosystem	.uk/2020/polish-scientists-
Poland	protections, climate	regeneration potential.	letter/
		"A new Russian law that allows deforestation and construction near the	
		shores of Siberia's Lake Baikal has sparked backlash among	
		environmental activists who say the law threatens protected natural	
		areas The new law, signed by President Vladimir Putin on Friday,	https://www.themoscowtime
		effectively permits deforestation in specially protected natural areas through 2024 in order to build or upgrade transport infrastructure. The	s.com/2020/08/03/russia- sparks-backlash-for-
		law also suspends requirements for state environmental impact	allowing-deforestation-
	Land and water	evaluations to be carried out ahead of transport construction and	construction-along-lake-
Russia	protections	modernization projects."	baikal-a71048
1103510		"In the shadow of the coronavirus, the new Slovenian government is	Daikal-a7 1040
		taking rights from environmental and nature conservation NGOs The	
		law regarding building permits for facilities that have greater impact on	
		the environment (integrated building permit) prevents most NGOs with	
		the status of operating in the public interest for environmental protection	
		and nature conservation from accessing legal funds - entry into the	
		procedures for issuing an integrated building permit for facilities with	
		environmental impacts The law opens a time window when	
		construction will be allowed in a single-stage administrative procedure	
		(in the integral procedure under the Construction Act, the Ministry of the	
		Environment and Spatial Planning decides), practically without the	http://www.justiceandenviron
		possibility of 'verifying legality regarding environmental and nature	ment.org/news/?no_cache=1
		protection' and thus starting the construction The current	&tx_ttnews%5Btt_news%5D
	General environmental	government has, despite the public protest in front of the Slovenian	=465&cHash=51f5f5d304c5
Slovenia	regulations	Parliament and several thousands of email sent to members of the	b06a7796759c6b0d12a7

	Parliament proposed and adopted a new amondment which imposes	
	only 4 nature conservation NGOs meet these conditions."	
		https://city-
	"Mpumalanga Agriculture and Environment Member of the Executive	press.news24.com/News/mp
	Council has vowed to make sure that mining in the Mabola Protected	umalanga-mec-vows-to-
Land and water	Environment protected area will go ahead despite vehement protests	ensure-controversial-mine-
protections		opens-20200508
		https://www.dailymail.co.uk/n
	"Plans to build 1 000 new homes near Thomas Hardy land as part of	ews/article-8207755/Plans-
		1-000-new-homes-Area-
Land and water		Outstanding-Natural-Beauty-
		Dorset-green-light-court.html
protections		Dorset-green-light-court.html
		https://assetsphere.co.uk/20
		16/04/04/planning-
Land and water	meters without prior approval, while an existing mast can grow from 20	permission-changes-
protections	meters to 25 meters in non-protected areas without approval."	telecoms-masts/
	"Highland councillors approve Sutherland Space Hub. Highlands and	
	Islands Enterprise (HIE) wants to build the satellite launch site on	
		https://www.bbc.com/news/u
Land and water		k-scotland-highlands-
		islands-53177040
		https://www.endsreport.com/
	"Council approves Scottish 'spaceport' plans in protected area despite	article/1688526/council-
		approves-scottish-
		spaceport-plans-protected-
		area-despite-environmental-
protections, Climate	Species Regulations 2017."	concerns
		https://www.regulations.gov/
Land and water		document?D=BOEM-2018-
protections	the original Grand Staircase-Escalante National Monument	<u>0038-0001</u>
		https://eplanning.blm.gov/epl
Land and water	Develop land use plan for lands within the reduced Bears Ears National	anning-
protections	Monument boundaries	ui/project/102555/510
	protections Land and water protections Land and water protections Land and water protections, Climate Land and water protections Land and water protections Land and water protections Land and water	Land and water protectionsEnvironment protected area will go ahead despite vehement protests from environmentalists."Land and water protections"Plans to build 1,000 new homes near Thomas Hardy land as part of development the size of 63 football pitches - the biggest ever on an Area of Outstanding Natural Beauty in England – gets the go ahead from High Court." This is a proposed protected area."A change to permitted development rights will see a growth in the height of telecoms masts that will be exempt from the need for planning permission Of immediate concern is that masts on existing sites in both protected and non-protected areas can be increased in height to 20 meters to 25 meters in non-protected areas without approval."Land and water protections"Highland councillors approve Sutherland Space Hub. Highlands and Islands Enterprise (HIE) wants to build the satellite launch site on peatland on the Moine Peninsula near Tongue. Highland Council had received 457 objections to the plans and 118 representations in support of them. The councillors' decision will be referred to the Scottish government for review.""Council approves Scottish 'spaceport' plans in protected area despite environmental concerns. It would be located in Caithness & Sutherland Peatlands, which is both a special area of conservation and special protection area, protected under the Conservation of Habitats and Species Regulations 2017."Land and water protectionsRevise land management plan to allow increased development within the original Grand Staircase-Escalante National MonumentLand and water protectionsDevelop land use plan for lands within the reduced Bears Ears National

	Land and water		
	protections, General		
United States of	environmental		https://eplanning.blm.gov/epl
America	regulations	Reduce jurisdiction of the National Park Service in Alaska	anning-ui/project/94460/510
United States of	Land and water	Revise California Desert Renewable Energy Conservation Plan by	https://eplanning.blm.gov/epl
America	protections	reducing conservation protections, allowing increased development	anning-ui/project/38214/510
United States of	Land and water	Amend land use plan to allow Lake Powell Pipeline to cross protected	https://eplanning.blm.gov/epl
America	protections	public lands in Arizona	anning-ui/project/62103/510
			https://beta.regulations.gov/d
			ocument/FWS-R7-NWRS-
			2017-0058-34314
			https://eplanning.blm.gov/epl
		Arctic National Wildlife Refuge:	anning-ui/project/91318/570
		1. Offer oil and gas leases	
		2. Approve seismic testing to measure oil and gas potential	https://eplanning.blm.gov/epl
		3. Authorize incidental harming or killing of polar bears during oil	anning-ui/project/39877/510
		and gas exploration	
United States of	Land and water	4. Auction oil and gas leases	https://www.regulations.gov/
America	protections, Climate		docket?D=NPS-2019-0001
			https://www.reginfo.gov/publi
United States of	General environmental	Weaken environmental reviews under the National Environmental Policy	c/do/eAgendaViewRule?pub
America	regulations	Act by adding new exemptions	Id=202004&RIN=1010-AE07
			https://www.reginfo.gov/publi
United States of	Land and water	Allow hunting of bear cubs, baiting bears, and killing swimming caribou	c/do/eAgendaViewRule?pub
America	protections	from motorboats within national preserves in Alaska	Id=201910&RIN=1024-AE19
			https://www.reginfo.gov/publi
United States of	Land and water		c/do/eAgendaViewRule?pub
America	protections	Expand hunting and fishing in national wildlife refuges	Id=201910&RIN=1018-BD78
			https://www.whitehouse.gov/
			presidential-
			actions/proclamation-
			modifying-northeast-
United States of	Land and water	Authorize commercial fishing in the Northeast Canyons and Seamounts	canyons-seamounts-marine-
America	protections	National Monument	national-monument/

Country or region		Policy Guidance or Initiative	Source
Global	World Economic Forum	Great Reset initiative: call to action for governments to set targets beyond GDP growth to guide post pandemic recovery and transformation	https://www.weforum.org/reports/dashboard-for- a-new-economy-towards-a-new-compass-for- the-post-covid-recovery
Global	OECD	Urges governments to integrate biodiversity needs into their COVID- 19 response and pandemic recovery plans including a call to scale up investments in biodiversity conservation, sustainable use, and restoration.	http://www.oecd.org/coronavirus/policy- responses/biodiversity-and-the-economic- response-to-covid-19-ensuring-a-green-and- resilient-recovery-d98b5a09/
Global	World Urban Parks	Pathway to Recovery – Wellbeing and Resilience	https://s3.amazonaws.com/s3.arpaonline.ca/WU P/COVID19/Pathways+to+Wellbeing/Pathways +to+Recovery+04-09-2020.pdf
Global	Conservation International	Leveraging nature as the foundation for resilient societies: Recommendations for post-COVID recovery plans	https://www.conservation.org/docs/default- source/publication-pdfs/ci- recovery_recommendations_final-may-13- 2020.pdf?sfvrsn=47e74d42_2
Global	W20	Prioritising nature, health and people in an effective and equitable COVID-19 recovery and response	https://static1.squarespace.com/static/5ed91435 78f49117cd45d295/t/5fb7bdfafc65646353d94d6 b/1605877243161/WC20+Declaration.pdf
Europe	EUROPARC	A Green and Healthy Recovery from COVID-19	https://www.europarc.org/nature/healthy-parks- healthy-people-europe/covid-19-a-green-and- healthy-recovery/
Canada	Canadian Parks and Wilderness Society	A Call to Put Nature Protection at the Heart of Canada's COVID-19 Recovery Strategies	https://cpaws.org/our-work/parks-protected- areas/
Canada	Green Budget Coalition	Provides specific budget requirements for protecting terrestrial and marine public and private lands, supporting ongoing protected area management, and restoring habitat	https://greenbudget.ca/wp- content/uploads/sites/4/2020/03/Green-Budget- Coalitions-final-Recommendations-for-Budget- 2020-November-5-2019-web-site83169.pdf
UK	Parks Alliance	Greener Recovery- Delivering a Sustainable Recovery from COVID- 19 . Recommends investing at least £1bn per year in parks and green spaces.	https://www.theparksalliance.org/delivering-a- greener-recovery-parks-and-green-spaces- have-a-key-role-to-play/

Supplemental Table 2: Example guidelines from organizations around the world have urged an economic recovery which integrates biodiversity.

and-conserved-area.html

- ¹⁵ <u>https://www.exeter.ac.uk/exceptional/themes/environment/human-wildlife/</u>
- ¹⁶ https://www.indiatimes.com/news/india/kaziranga-national-park-gets-over-3000-hectares-additional-land-will-help-in-movement-of-wildlife-522010.html
- ¹⁷ <u>https://greennews.ie/mpas-consultation-opens/</u>
- ¹⁸ <u>https://allafrica.com/stories/202009030809.html</u>
- ¹⁹ http://redd.gov.np/public/upload/office-id-2/file/SEP_NE_FFPP_P170798_8Mar2020.pdf
- ²⁰ https://www.reuters.com/article/us-health-coronavirus-pakistan-trees-fea/as-a-green-stimulus-pakistan-sets-virus-idled-to-work-planting-trees-idUSKCN22A369
- ²¹ https://www.reuters.com/article/us-health-coronavirus-pakistan-trees-fea/as-a-green-stimulus-pakistan-sets-virus-idled-to-work-planting-trees-idUSKCN22A369
- ²² https://www.teletica.com/deutsche-welle/peru-creara-su-primera-area-marina-protegida_270633
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- ³² https://oceanpanel.org/sites/default/files/2020-09/20_HLP_Report_COVID_Blue_Recovery.pdf
- ³³ https://phys.org/news/2020-09-marine-areas-hundreds-kilometres-turkey.html
- ³⁴ https://www.congress.gov/bill/116th-congress/senate-bill/3422
- ³⁵ https://www.presidencia.gub.uy/comunicacion/comunicacionnoticias/lacalle-pou-ministerio-ambiente-calidad-agua-gestion-residuos

¹ https://www.argentina.gob.ar/noticias/el-presidente-presento-el-plan-de-politicas-ambientales

² <u>https://news.mongabay.com/2020/08/belize-takes-ocean-action-with-expanded-marine-reserve-and-ban-on-gill-nets/</u>

³ https://www.cbc.ca/news/canada/newfoundland-labrador/nl-plan-unveiled-25-years-in-the-making-1.5597163

⁴ <u>https://www.canada.ca/en/environment-climate-change/news/2019/08/canadas-175-million-investment-in-nature-kicks-off-conservation-projects-in-every-province-and-territory.html</u>

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⁶ https://www.canada.ca/en/environment-climate-change/news/2020/11/canada-invests-143-million-to-support-the-creation-of-the-arqvilliit-Indigenous-protectedand-conserved-area html

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⁹ https://www.newswire.ca/news-releases/government-of-canada-continues-to-support-first-nations-leadership-in-conservation-806436624.html

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