





In the Media 2021

SIJ de la



fabric

Earned Media Placements in 2021

PBI has appeared in over 1,864 mentions, in publications like The Guardian, Associated Press, Business Insider, Newsweek, and more...



































MENTAL FLOSS



Earned Media Placements in 2021

*Data according to Cision

UNIQUE ARTICLES GENERATED
1,864

UNIQUE PUBLICATIONS
1,104

SOCIAL SHARES OF ARTICLES
35K

ESTIMATED AGGREGATE READERSHIP/MEDIA VALUE

(Estimated Actual Post Views)

2.2 Billion / \$4.1 Million



PBI Paid Social



Polar Bears International 🔮

International Polar Bear Day is February 27th! Learn more about how you can help protect polar bears and the sea ice they depend on. #PolarBearDay #SaveOurSealc



HTTPS://POLARBEARSINTERNA. International Polar Bear Day

LEARN MORE

Polar Bears International ②

Sponsored · Paid for by POLAR BEARS INTERNATION... - @

In honor of the 51st #EarthDay, we're enrolling 51 new sustaining members. Will you join the global community in coming together to act on climate warming for polar bears and for all of us? #PolarBears #ClimateHope



POLARBEARSINTERNATIONAL.SALSA. Become a Sustaining Member Their future depends on steady, reliable

SIGN UP



Polar Bears International with J. ... INTERNATION... -

Polar bears were voted one of the top 5 animals for wildlife photography through the New Big 5 project! Polar bears are ... See more



POLARBEARSINTERNATIONAL.O... Polar Bears Voted One of the

LEARN MORE



Polar Bears International 🥹

Sponsored - Paid for by POLAR BEARS INTERNATION... · @

Polar bears share the Arctic with many other species, including beluga whales. Each summer, thousands of belugas migrate into the Churchill River. Tune into the live #BelugaCam to immerse yourself in the chirps, clicks, and charisma of these gregarious creatures!

explore.org #LiveCams #BelugaCam #ArcticInspiration



POLARBEARSINTERNATIONAL.O... Tune into the live Beluga

WATCH MORE

Polar Bears International sored - Paid for by POLAR BEARS INTERNATION... ·

On #GivingTuesday, a global day of kindness, donate to protect the polar bears' future-and our own. Your gift will be matched!

Give now to double your impact!



POLARBEARSINTERNATIONAL S. Your Gift Will Be Matched

DONATE NOW

Polar Bears International 🧇

It's #PolarBearWeek! Celebrate with us and donate to help reduce conflict between polar bears and people. Your gift will be matched, doubling your impact, this week!



POLARBEARSINTERNATIONAL Donate to Protect the Pola... Not affiliated with Facebook

DONATE NOW

8M Impressions **50K Clicks** 177K Video Views



fabric

Highlighted Coverage





"They have just always been a revered species by people, going back hundreds and hundreds of years," said longtime government polar bear researcher Steve Amstrup, now chief scientist for Polar Bear International. "There's just something special about polar bears." (Associated Press)

The New York Times

3,000 Miles From Glasgow, a Town and Its Polar Bears Face the Future



"But over the coming decades, if greenhouse gas emissions continue to build at the current pace, the disappearance of polar bears from the Hudson Bay region is <u>inevitable</u>, according to a 2020 study conducted by scientists at Polar Bears International, a research and advocacy group. Steven Amstrup, its chief scientist, said it's not too late. "I am confident that holding the global temperature rise below two degrees Celsius will preserve polar bears in parts of their current range," he said." (New York Times)

The Guardian





How a hi-tech search for Genghis Khan is helping polar bears



Getting reliable data on denning sites is vital. "The Arctic national wildlife refuge is the perfect example," says BJ Kirschhoffer, PBI's director of field operations, who led the latest tests in Utah. "Industry wants to go in and pump oil. If we have tool that definitively says exactly where polar bear dens are, that means keeping people away from those places. If we want bears, we need baby bears, so we've got to protect those dens." (The Guardian)

Smithsonian

POLAR BEARS LIVE ON THE EDGE OF THE CLIMATE CHANGE CRISIS



Reporting from Buggy One, PBI's roving tundra buggy research station: scientists are monitoring the polar bears while live cameras stream the migration and scientist chats to viewers and students around the world. "Our understanding of polar bear biology, ecology and behavior is critical for long-term conservation and can inform on-the-ground efforts like human-bear conflict management." — Geoff York, senior director of conservation for Polar Bears International (PBI)(Smithsonian Magazine)



fabric

Traveler Taveler

How the Polar Bear Capital of the World Is Dealing With Climate Change



"Part of our job is to explain these changes to people and explain what people can do to prevent the most drastic version of that reality," says Krista Wright, PBI's executive director. (Conde Nast Traveler)

Forbes

The Inside Scoop On Seeing The Polar Bears In Churchill, Canada



"We are not just observers of ecology, we're participants in it—every time you step out of the door of your house, you have some influence on your environments, and you have some ability to influence the world," explains Dr. Steven Amstrup, the chief scientist at Polar Bears International." (Forbes)



The new 'Big 5' are for shooting with a camera, not a gun



"I hope the five animals people have chosen for the New Big 5 can focus people's minds on what's happening to the world's wildlife," says Green. "They are the tip of the iceberg when it comes to the crisis facing the world's wildlife ... but these five iconic animals can be global ambassadors and stand for all the other species facing the threat of extinction." (CNN)



fabric

BUSINESS INSIDER

Republicans keep denying evidence they don't like — as a former Republican and polar bear scientist, I know exactly how dangerous this can be



"But it's not just about polar bears. In ecology, all things are connected. The impacts of global warming in other ecosystems, including our own, are more complicated than the polar bear's relationship with melting ice, but the catastrophe unfolding in the Arctic is coming to us all in the form of more severe droughts, floods, wildfires, and generally erratic weather, like this year's unusual winter storms."

(Business Insider)



International Polar Bear Day: Fantastic facts about the amazing animals



"If climate change carries on at its current rate, there will be "few" polar bears left in the Arctic by 2100, according to a study by Polar Bears International. Dr. Steven Amstrup "found that moderate emissions reductions" would help polar bear numbers, but would be unlikely to prevent extinction in the Arctic." (BBC)

The Guardian

Trump auctions Arctic refuge to oil drillers in last strike against US wilderness



Polar bear advocates say the habitat is also critical to a population in dire straits from development and rising temperatures that are melting sea ice. The Arctic is heating at a much faster pace than the rest of the world. Polar bear numbers in Alaska and western Canada declined 40% from 2001 to 2010, said Steven Amstrup, chief scientist for Polar Bears International. (The Guardian)





Newsweek

Why Two Polar Wonder Women Are Braving the Arctic Winter Alone—Again



As citizen scientists and polar ambassadors, their mission <u>Hearts in the Ice</u> brings attention to the place on the planet that's experiencing the most extreme shifts due to climate change. The world's northernmost archipelago, Svalbard, is the fastest-warming place on the planet. November had its warmest day on record in Svalbard at 9.4 C (49 F) and this year's sea ice minimum tied for the second-lowest extent on record, according to <u>NASA</u> and the National Snow and Ice Data Center. (<u>Newsweek</u>)



Grab a Blanket, It's Time for Polar Bear Week



"But there's a purpose for Kishi Bashi's appearance other than, hey, look at these cute guys. In collaboration with Polar Bears International, the only nonprofit organization dedicated solely to wild polar bears and their sea ice home, the performance aims to bring awareness to the shrinking habitat of the bears. You can actually see it happening right now: there's a livestream of the habitat, and the ice is woefully scarce." (Thrillist)

GIZMODOIt's Beluga Cam Time



"They're the most chatty animals I think I've ever heard. It's incredible," Alysa McCall, director of conservation outreach and staff scientist at Polar Bears International, said on a Zoom call. "I think people really fall in love with the Belugas when they hear them." (Gizmodo)







Bask in nature's majesty without getting your tootsies cold with this Northern Lights livestream



The northern lights stream is back, which is great news for anyone out there who'd rather stare at serene sky videos than look at or think about anything else right now. This year, its organizers are also celebrating International Polar Bear Day (February 27) in connection with the stream by hosting live events that share educational material on climate change and soliciting donations for its polar bear habitat conservation efforts. (AV Club)





2021 Coverage



'No easy fix': polar bear capital of the world turns to electric buggies to save the bears The Guardian, 12/3/2021

Frontiers North Adventures, which provided transport to the Guardian and other media outlets to view the vehicle in Churchill, plans to convert the remainder of its fleet over to electric motors, reducing more than 3,600 tonnes of carbon dioxide emissions over the next 25 years – the equivalent of 353,635 liters of diesel fuel.

It had been 156 days since most of the bears last ate. At 180 days, starvation begins to set in. Ice is also breaking up earlier in the season, meaning bears are forced to return to land weeks earlier than normal and have a smaller window for hunting.

Over the last decade, the bears have lost nearly a total of 12 days of ice on either end of the season.

"We've always been concerned about an early break-up with a really late freeze-up," said Derocher. "And that would be the worst-case scenario for polar bears."

Already, the bears are showing warning signs.

The weight of pregnant polar bears has declined over the years, as have new births. Bears typically lose one kilogram of weight each day they remain on the tundra instead of ice – further adding pressure on the population.

The bear population has dropped by nearly 30% since 1987. If current trends hold, the bears are predicted to undergo a reproductive failure by 2040, accelerating the species' demise. "Eventually, you'll pretty much have like a zombie population of polar bears that just can't sustain themselves and it's a matter of time before they're extirpated. When? That's the million-dollar question," Derocher said.







World UK Coronavirus Climate crisis Environment Science Global development Football Tech Business Obituaries

Canada

'No easy fix': polar bear capital of the world turns to electric buggies to save the bears

The move comes as Churchill, Canada, remained ice free for the first time in years, resulting in less feeding time for its population of polar bears

Leyland Cecco in Churchill, Manitoba

Fri 3 Dec 2021 10.30 GMT









fabric



♠ Frontiers North Adventures plans to convert its fleet of buggies to electric motors, reducing more than 3,600 tonnes of carbon dioxide emissions over the next 25 years. Photograph: Leyland Cecco

Traveler

How the Polar Bear Capital of the World Is Dealing With Climate Change Conde Nast Traveler. 12/7/21

Biologists with the University of Toronto and <u>Polar Bears International</u> (PBI), a non-profit conservation organization, recently <u>reported</u> that polar bears living in the Western Hudson Bay region are very likely to experience reproductive failure by 2060 as the sea ice disappears. By 2100—without dramatic intervention—it's inevitable that the population will collapse. Already, the number of bears living in Western Hudson Bay has declined by roughly 30 percent since the late 1980s. Today, Churchill is often counted among Australia's bleaching Great Barrier Reef and flooding Venice as a "last-chance" tourism destination imperiled by climate change. In half a century, the region may look little like it does right now, and the specter of warming has raised difficult questions for a town whose economy revolves around polar bear tourism.

John Gunter, the CEO of family-owned Frontiers North Adventures—which is among the largest tourism operators in Churchill and owns a fleet of 12 polar rovers, the Tundra Inn, and the Tundra Buggy Lodge at Polar Bear Point in the Churchill Wildlife Management Area—says these are issues few thought of when the business was founded in 1987. Now, though, he says his livelihood and so much more rests on a single question: "How do we do right by these polar bears?"

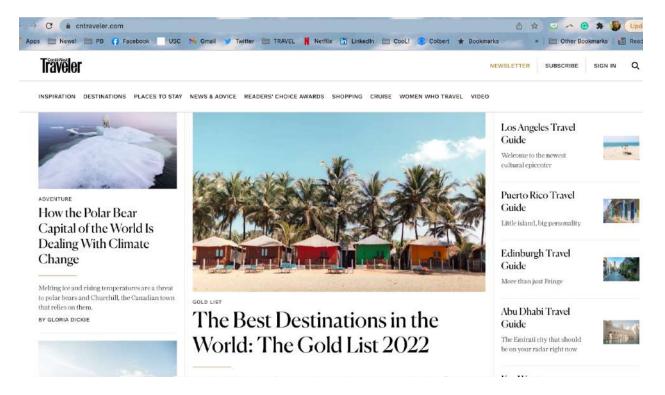




Polar bear conservation can't be done on the ground, according to PBI scientists. Protecting the bears' habitat will require a dramatic reduction in global greenhouse gas emissions. To help inspire climate change action beyond their immediate locale, Frontiers North Adventures partners with PBI to educate visitors and locals about the threats facing the bears, and the changes needed to stem the population's decline.

Since 2006, Frontiers North Adventures has provided a research vehicle to PBI on permanent loan, which allows scientists to spend days or weeks on the tundra observing the bears. It is kitted out with live cameras that stream polar bear footage to a global audience. PBI scientists also give lectures to guests at the Tundra Buggy Lodge, and tourists in town can stop by the educational Polar Bears International House—opened in 2019—to learn more about how warming temperatures are affecting the migrating bears.

"Part of our job is to explain these changes to people and explain what people can do to prevent the most drastic version of that reality," says Krista Wright, PBI's executive director. "We want people to come here and engage and be part of the solution. If we can motivate people to act on behalf of things they experience, then there are benefits [to ongoing tourism]."







COOL HUNTING[®]

Word of Mouth: Polar Bear + Wildlife Safaris in Churchill, Manitoba Cool Hunting, 12/14/2021

The close relationship between Canada Goose and the world's leading polar bear conservation organization, Polar Bears International, is a very tangible thing in Churchill. Since 2007, Canada Goose has offered a subsidiary collection of PBI-branded apparel, as well—the sale of which has generated some \$3.5 million and counting for the organization's research and conservation efforts.



Rare hunting scene raises questions over polar bear diet

AFP, 11/30/2021

Syndication: Phys.org, France24, Deccan Herald, and more...

Caribou "are also larger animals and have co-evolved with land predators, namely wolves, wolverines, and barren ground grizzlies, making them more challenging prey," said Geoff York, of conservation organisation Polar Bears International.









Climate change may have altered the diet of Norwegian polar bears *The Local*, 11/29/2021

Caribou "are also larger animals and have co-evolved with land predators, namely wolves, wolverines, and barren ground grizzlies, making them more challenging prey," said Geoff York, of conservation organisation Polar Bears International.

Climate change may have altered the diet of Norwegian polar bears



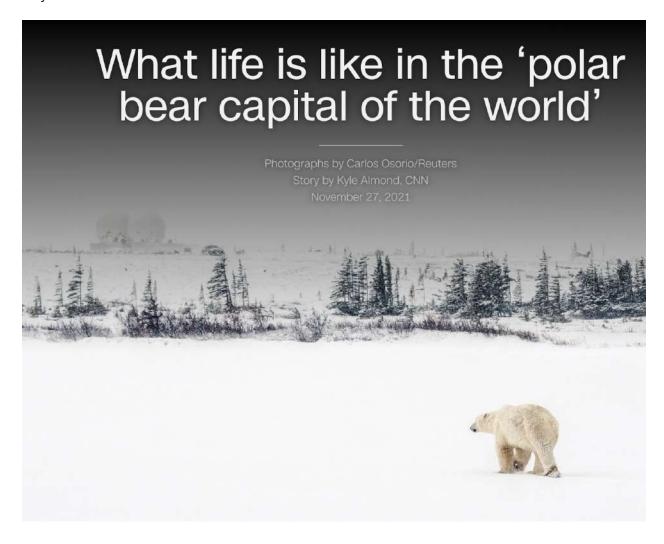






What life is like in the 'polar bear capital of the world' CNN, 11/27/2021

A longer bear season means a shorter hunting season — while on land, the bears subsist on their fat reserves — and that has had a <u>dramatic effect on the bear population</u> over the years. According to the conservation group Polar Bears International, the hunting season for the local bear population is three to five weeks shorter than it was in the early 1980s, and the population has decreased by 30%. There has also been research showing that the bears are smaller than they used to be.







GIZMODO

You Can Now Visit Polar Bears in an Electric Tundra Buggy Gizmodo/Earther, 11/26/2021

Frontiers North Adventures operates tours in the Churchill Wildlife Management Area. While the buggy can handle going off road, Jessica Burtnick, the company's manager for marketing and communications, said that there's "an established network of trails in that area, which is quite a pristine and delicate environment, so we have to stay on those trails to make sure we're not doing damage."

"The polar bears are used to the Tundra Buggies," she said. "It's a familiar sight. It's a familiar sound. We are hoping to do some sound studies with our partners. We partner with Polar Bears International as well as the Assiniboine Conservancy, and we might have some opportunities to see how polar bears are going to react to these large vehicles that are silent."









WORLD'S FIRST ELECTRIC TUNDRA BUGGY USED FOR POLAR BEAR SPOTTING IN CHURCHILL, MAN.

CTV News, 11/28/2021 (syndicated to iHeartRadio)

"By transitioning from diesel to electric, we're going to -- in a normal season -- we will reduce our greenhouse gas emissions by about 8.3 tonnes of carbon dioxide," John Gunter the CEO and president of Frontiers North Adventures, told CTV News.

Gunter said in addition to contributing to the company's reduction in greenhouse gas emissions, "the main deliverable of this EV Tundra Buggy will be a silent touring experience for our guests." "The EV Tundra Buggy makes it easier for machines to fade more into the background of any guest's wildlife experience in Churchill," Gunter said in the blog post.

WINNIPEG SUN

Polar bear conservation group praises leadership on climate change Winnipeg Sun, 11/27/2021

Polar Bears International (PBI), a non-profit conservation group with an interpretive centre in Churchill, lauds Frontiers North Adventures for taking leadership on climate change, which they say is adversely affecting polar bears.

Even though Frontiers North has only converted one vehicle to batter-electric, York said the project demonstrates what can be done with electric power, especially in Manitoba, which has abundant hydroelectricity.

"It's a really cool thing for them to be getting out in front on," he said. "If you can do it with a Tundra Buggy in the North, can't we do it everywhere with all of our transportation needs?"



Wave to the last polar bears from the comfort of this EV tundra bus *Input*, 11/29/2021

Per Gizmodo, Frontiers North Adventures in Manitoba, Canada, received a hefty grant to trick out a "tundra buggy" and convert it into a fully electric Bear Bus (I made that nickname up, please don't Google that term). While it doesn't do much to cut down on our overall carbon footprint, as Gizmodo notes, "it shows EVs can work just about anywhere, which is good news for the polar bears whose continued existence banks on humanity to get its shit together." Couldn't have said it better ourselves.





Winnipeg Free Press

<u>Churchill tour operator rolls out new kind of polar power</u> *Winnipeg Free Press*, 11/22/2021 (syndicated in <u>CBC</u>)

Gunter, president and CEO of Frontiers North Adventures, is beaming as his fleet's first electric Tundra Buggy climbs through the unforgiving, slushy tundra landscape. It's working.

"I am super excited," Gunter said, "That navigating silently in a Tundra Buggy under Churchill's northern lights and amongst Manitoba's wild polar bears is a remarkable tourism experience unique in the world."







nature

Polar bear researchers struggle for air time Nature. 11/17/2021

The <u>effects of the pandemic are starting to subside</u>. In a warm week in September, Thiemann and David McGeachy, a wildlife technician at ECCC, returned to Hudson Bay to set tracking devices on 19 bears, including hair-mounted satellite tags provided by Polar Bears International, a non-profit organization in Winnipeg.

. . .

Alysa McCall, a scientist at Polar Bears International, sees first-hand the effects of this on young researchers hoping to break into the field. McCall had her first polar bear tagging expedition in 2011 as a 23-year-old graduate student at the University of Alberta, and since then has participated in multiple expeditions, including one that tracked long-distance swims by polar bears in response to diminishing sea ice (N. W. Pilfold et al. Ecography 40, 189–199; 2017). She wishes more scientists could experience the challenges and rewards of polar bear fieldwork.





Polar bear's all alone at zoo until she's introduced to orphaned grizzly bear cub Animal Channel, 11/15/2021

According to <u>Polar Bears International</u>, polar bear cubs typically don't leave their mothers until they are at least 2.5 to 3-years-old. During this time, they are taught to hunt, feed, swim, and survive.







Kanada: Anpassen oder Untergehen

Das Erste, 11/7/2021

Der Biologe Geoff York weiß wie sehr der Klimawandel den Raubtieren zu schaffen macht. Nicht nur hier, sondern in der gesamten Arktis: "Wir zählen jede Saison wie lange die Bären vom Eis sind, schon 136 Tage. Wir wissen, dass sie 180 Tage aushalten, bevor wir negative Folgen sehen."

Die Bären von Churchill haben also noch Zeit; für sie heißt es jetzt: Kalorien sparen und viel schlafen, bis das Wetter umschlägt. Nach der Rechnung von Geoff können sie bis Mitte Dezember durchhalten.







Forbes

The Inside Scoop On Seeing The Arctic Polar Bears In Churchill, Canada Forbes, 11/15/2021 (avoid paywall here)

Polar Bears International House is well worth the visit. Travelers will learn more about polar bears around the world as well as the latest research on the bears and how climate change is affecting their habitat. It's a great way to learn more about the polar bears and support conservation efforts.

. . .

"We are not just observers of ecology, we're participants in it—every time you step out of the door of your house, you have some influence on your environments, and you have some ability to influence the world," explains Dr. Steven Amstrup, the chief scientist at Polar Bears International.



THE BLADE

Not just in the wild: Polar bear populations are plummeting at zoos, too *The Blade*, 11/13/2021

Though a research and education group called Polar Bears International focuses primarily on saving wild polar bears, it also draws from the global expertise of those who specialize in managing polar bears born and raised in captivity.









CALL TO EARTH DAY

Certificate of Participation

This award is for participating in CNN's first annual Call to Earth Day, November 10th, 2021.

Thank you for taking action to raise awareness of environmental issues. Congratulations for being an important part of the global Call to Earth movement and helping to protect our planet.

Thank you.







Arctic sea ice is disappearing and it's harming polar bears

AP News, 11/05/2021

Syndation: Yahoo!, Independent and many more..

"They have just always been a revered species by people, going back hundreds and hundreds of years," said longtime government polar bear researcher Steve Amstrup, now chief scientist for Polar Bear International. "There's just something special about polar bears."

In the summertime, polar bears go out on the ice to hunt and eat, feasting and putting on weight to sustain them through the winter. They prefer areas that are more than half covered with ice because it's the most productive hunting and feeding grounds, Amstrup said. The more ice, the more they can move around and the more they can eat.

Just 30 or 40 years ago, the bears feasted on a buffet of seals and walrus on the ice. In the 1980s, "the males were huge, females were reproducing regularly and cubs were surviving well," Amstrup said. "The population looked good."

With ice loss, the bears haven't been doing as well, Amstrup said. One sign: A higher proportion of cubs are dying before their first birthdays.

Polar bears are land mammals that have adapted to the sea. The animals they eat — seals and walruses mostly — are aquatic.

The bears fare best when they can hunt in shallow water, which is typically close to land. "When sea ice is present over those near-shore waters, polar bears can make hay," Amstrup said.

But in recent years the sea ice has retreated far offshore in most summers. That has forced the bears to drift on the ice into deep waters — sometimes nearly a mile deep — that are devoid of their prey, Amstrup said.

Off Alaska, the Beaufort Sea and Chukchi Sea polar bears provide a telling contrast. Go 30 to 40 miles offshore from Prudhoe Bay in the Beaufort Sea "and you're in very unproductive waters," Amstrup said.

Further south in the Chukchi, it's shallower, which allows bottom-feeding walruses to thrive. That provides food for polar bears, he said.

"The bears in the Chukchi seem to be faring pretty well because of that additional productivity," Amstrup said. But the bears of the Beaufort "give us a real good early warning of where this is all coming to."







"They have just always been a revered species by people, going back hundreds and hundreds of years," said longtime government polar bear researcher Steve Amstrup, now chief scientist for Polar Bear International. "There's just something special about polar bears."







The Weather Channel

What's at Stake for the World's Polar Bears?

Live TV interview with Dr. Amstrup 11/7/2021





Syldet







The Weather Channel

<u>Polar Bear Week: Researcher Geoff York on the Status of the Last Surviving Polar Bears</u> *The Weather Channel*, 11/05/2021

"And finally, you can <u>donate</u> or participate in the <u>Detect and Protect Polar Bears Challenge</u> to support Polar Bears International's efforts. We're launching this campaign to fund the development of "Detect and Protect" radar systems to alert communities of approaching bears. Our goal is to reduce conflict between polar bears and people—keeping both from harm."







The Weather Channel

<u>Polar Bear Week: Six Fascinating Facts About The Giants of Arctic</u> *The Weather Channel*, 11/05/2021

Although polar bears live in one of the most remote parts of the world, our greenhouse gas emissions affect the fragile habitat of these furry beasts in myriad ways. In the form of retreating ice, we are snatching away their home inch-by-inch year-on-year. In fact, in 2020, a study has projected that polar bears could be gone by 2100 if emissions remain unchecked. Climate change could impact another annual tradition of these bears: around this time each year, hundreds of polar bears make their annual voyage to Churchill, Manitoba, where they wait for the sea ice to freeze so they can stop fasting and begin hunting seals. In fact, it is in celebration of this seasonal migration to the shores of Hudson Bay, that the first week of November is observed as the Polar Bear Week every year.







cheddar news

<u>Polar Bears International Calls on World Leaders to Take Real Steps on Climate Crisis</u> (video) Cheddar News, 11/04/2021

Alysa McCall, director of conservation outreach and staff scientist at Polar Bears International, joined Cheddar to discuss the ongoing fight to protect polar bears from extinction while world leaders gathered to discuss the climate crisis. McCall explained her organization's mission "to ensure the long term survival of polar bears by helping ensure their arctic sea ice habitat remains intact." McCall said she hopes actionable steps are taken after the UN climate summit to mitigate the crisis and not just more promises.









Polar Bear Week: New images of polar bear migration in Canada reveal the impact of climate change

Wanderlust, 11/05/2021

"Polar bears have captured the human imagination and become icons of climate change," says Dr. Steven Amstrup, Chief Scientist at Polar Bears International. "During this year's migration, world leaders will be discussing the future of our planet at COP26.

"We must act swiftly and collectively. If greenhouse gas emissions continue as-is, the trajectory polar bears are on is not a good one... we predict most will disappear by the end of this century. But it is clear that we have time to protect polar bears, in turn benefitting the rest of life on earth, including ourselves."



Destinations

Q Wanderlust Club 0



More stunning images of polar bears have been released this week by the PBI, including some incredible action shots of a tussle between two bears. For keen wildlife enthusiasts and armchair travellers, there's also the chance to tune into a livestream and see the migration as it happens.



A sparring match between two polar bears (Kt Miller/Polar Bears International)





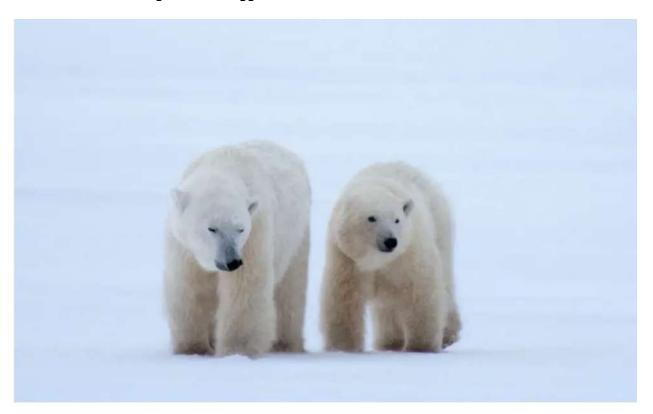




PLANET CUSTODIAN

Polar Bear Week: Astonishing Facts about Vulnerable Creatures Planet Custodian, 11/5/21

Polar Bear Week is presented by <u>Polar Bears International</u>, a conservation organization that aims to protect polar bears and their habitats. The organization also commits to combat <u>climate crisis</u>, which has emerged as the biggest threat to the Arctic creatures.





Memphis Zoo: Happy International Polar Bear Week *Patch*, 11/04/2021

Memphis Zoo supports polar bear conservation in partnering with Polar Bears International (PBI) through their Artic Ambassador Center. By housing polar bears at Memphis Zoo, we are able to collaborate with PBI on research, education, and action programs that address the challenges of polar bears in a warming Arctic. Memphis Zoo also participates in PBI's Climate Alliance Program that focuses on effectively communicating about climate change and inspiring real-world solutions.





The New York Times

3,000 Miles From Glasgow, a Town and Its Polar Bears Face the Future New York Times, 11/04/2021

But over the coming decades, if greenhouse gas emissions continue to build at the current pace, the disappearance of polar bears from the Hudson Bay region is <u>inevitable</u>, according to a 2020 study conducted by scientists at Polar Bears International, a research and advocacy group. Steven Amstrup, its chief scientist, said it's not too late. "I am confident that holding the global temperature rise below two degrees Celsius will preserve polar bears in parts of their current range," he said.

The New York Times

OPINION | 3,000 Miles From Glasgow, a Town and Its Polar Bears Face the Future



Steven Amstrup, of Polar Bears International, at Cape Merry.



Syldet









We're live talking polar bears, COP26, and more

The Weather Network + PBI Instagram Live, 11/0

Join our Climate Change and Sustainability Editor <u>@neileverosborne</u> and <u>@polarbearsinternational</u> Senior Manager of Communications and Advocacy <u>@ejoringer</u> for a Q&A about the future of polar bears and our changing climate.

<u>#PolarBearWeek</u> <u>#COP26</u> <u>#polarbear</u> <u>#polarbears</u> <u>#climatechange</u> <u>#DetectandProtect</u> <u>#InstagramLive</u> <u>#wildlifeconservation</u>







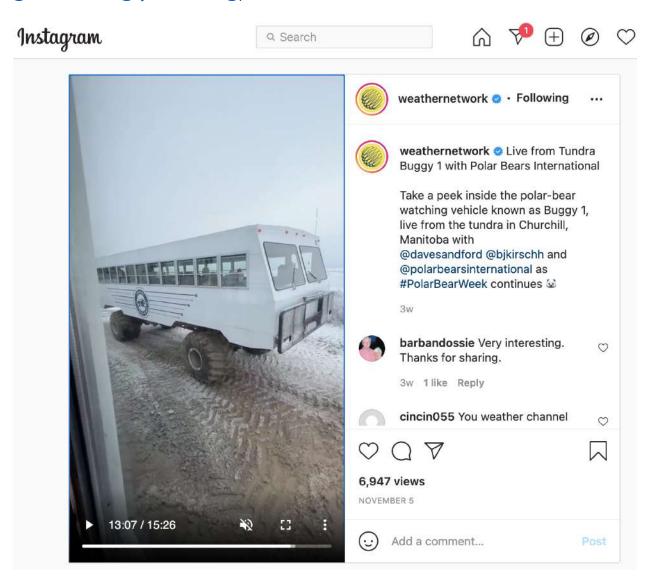


<u>Live from Tundra Buggy 1 with Polar Bears International</u> *The Weather Network:* Dave Sanford Instagram takeover

Live from Tundra Buggy 1 with Polar Bears International

Take a peek inside the polar-bear watching vehicle known as Buggy 1, live from the tundra in Churchill, Manitoba with

@davesandford @bjkirschh and @polarbearsinternational as #PolarBearWeek continues









Sinking or swimming? The challenges of polar bear research in a changing Arctic Canadian Geographic, 11/04/2021

"If you shoot a polar bear with a dart and the ice is thin and broken up, it could get into the water and drown. It's not a safe environment for researchers either."

Steven Amstrup is Chief Scientist at Polar Bears International, an organization dedicated to polar bear conservation and public education. More than 40 years of experience has given him a unique understanding of the challenges, costs and dangers associated with polar bear research.









Polar Bear Week 2021: Helping Our Most Beloved Arctic Mammals Thrive Discover, 11/02/2021

<u>Hundreds of polar bears are making their annual voyage</u> to Churchill, Manitoba, where they will wait for the sea ice to freeze so they can stop fasting and begin hunting seals. Their seasonal migration to the shores of Hudson Bay is celebrated each year with Polar Bear Week, set for the first week of November by <u>Polar Bears International</u> (PBI), a nonprofit organization dedicated to wild polar bears and Arctic sea ice.



Los Angeles

Canada Goose South-Coast Plaza Grand Opening: Introduces First-Ever Snow Room in the U.S.'

Los Angeles Magazine, 10/29/2021

Churchill is also home to Canada Goose's long-time partner, Polar Bears International (PBI), the non-profit organization dedicated to advocacy and the worldwide conservation of polar bears and their habitats.

OrangeCoast

Canada Goose Introduces First-Ever Snow Room in the U.S. at South Coast Plaza Orange Coast Magazine, 10/29/2021

Churchill is also home to Canada Goose's long-time partner, Polar Bears International (PBI), the non-profit organization dedicated to advocacy and the worldwide conservation of polar bears and their habitats.





GREENMATTERS

<u>Polar Bear Week Celebrates the Iconic Arctic Animals — Here's Where to Donate</u> Green Matters, 10/28/2021

Polar Bear Week is presented by Polar Bears International, a conservation organization with a goal of protecting polar bears and their habitats. In alignment with its goal of protecting the Arctic creatures, Polar Bears International is also committed to fighting the climate crisis, which is a large part of the polar bear's demise in recent decades.

"Polar bears have captured the human imagination and become icons of climate change," Polar Bears International Chief Scientist, Dr. Steven Amstrup, told Green Matters in a statement.



SOURCE: KT MILLER/POLAR BEARS INTERNATIONAL

Polar Bear Week Celebrates the Iconic Arctic Animals — Here's Where to Donate



<u>Information Radio - MB with Marcy Markusa</u> *CBC*, 10/27/2021

Alysa McCall Polar Bears International's director of conservation outreach and staff scientist tells host Marcy Markusa about a unique concert Polar Bears International is hosting from a Tundra Buggy at 3:30 tonight.





EcoWatch

Polar Bear Week Is Almost Here Eco Watch, 10/27/2021 (guest post)

For the past couple of weeks, members of the <u>Polar Bears International</u> team have been roaming across along the shore of Hudson Bay in a Tundra Buggy, sharing our <u>Polar Bear Cams</u> in partnership with <u>explore.org</u> and interacting with audiences around the world through our <u>Tundra Connections</u> webcasts and live chats.









Gina Rinehart says polar bear numbers have increased. Is that correct? ABC News. 10/26/2021

Steven Amstrup, the chief scientist for Polar Bears International and a member of the specialist group, told Fact Check that the method that Dr Crockford has used was not the correct way to analyse the group's data.

"That total number presented by the PBSG has been increased in recent years because we have learned that some of our old estimates in the poorly documented areas may have been too low. This doesn't mean those populations have grown, but rather that the initial estimates were simply too small," he told Fact Check in an email.



The Polar Bear Specialist Group gathers periodically to discuss conservation of polar bears. (Supplied: Steven Amstrup, Polar Bears International)



We fact checked Gina Rinehart on whether polar bear numbers have increased. Here's what we found

Biz News Post, 10/27/2021

As noted by conservation group <u>Polar Bears International</u>, the bears "follow the changing ice in search of their prey. Polar bears in regions with less sea ice and fewer seals may travel farther and have longer fasting periods."

. . .

Steven Amstrup, the chief scientist for Polar Bears International and a member of the specialist group, told Fact Check that the method that Dr Crockford has used was not the correct way to analyse the group's data.

"That total number presented by the PBSG has been increased in recent years because we have learned that some of our old estimates in the poorly documented areas may have been too low. This doesn't mean those populations have grown, but rather that the initial estimates were simply too small," he told Fact Check in an email.





International Business Times

<u>Climate Scientists Fear Tipping Points (maybe You Should Too)</u> *International Business Times*, 10/25/2021 (photo credit)



Warming temperatures are threatening sea ice (Photo: POLAR BEARS INTERNATIONAL / BJ



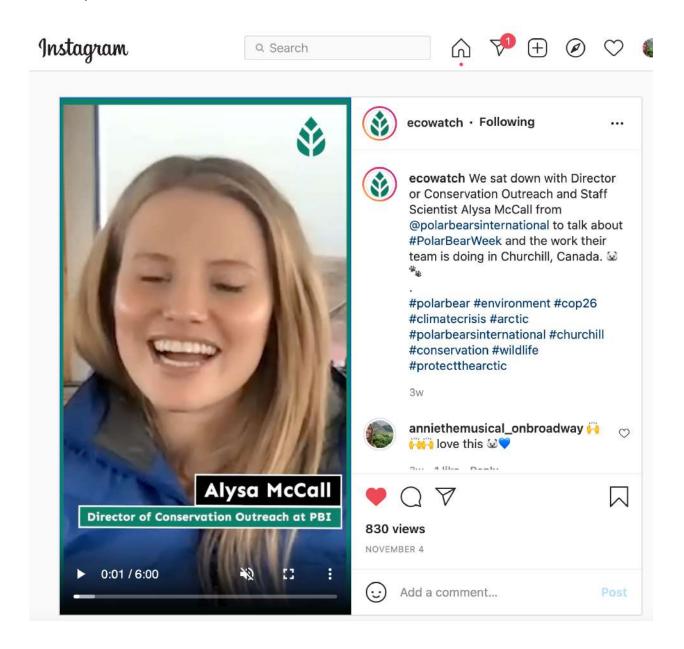


EcoWatch

We sat down with Director or Conservation Outreach and Staff Scientist Alysa McCall from @polarbearsinternational to talk about #PolarBearWeek

EcoWatch Instagram

We sat down with Director or Conservation Outreach and Staff Scientist Alysa McCall from openstational to talk about #PolarBearWeek and the work their team is doing in Churchill, Canada.





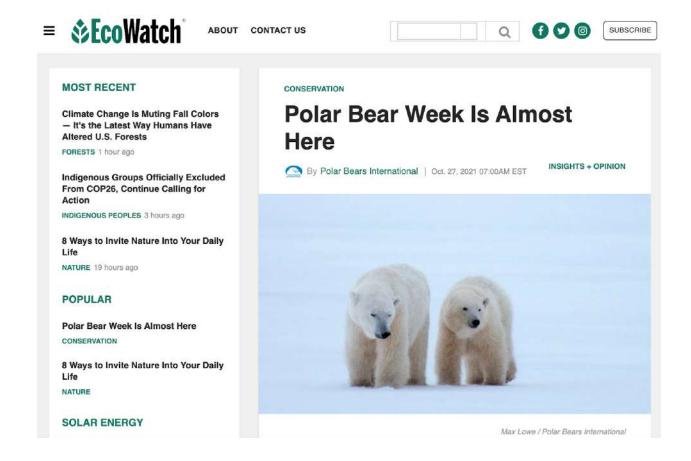




Polar Bear Week Is Almost Here

Eco Watch, 10/27/2021 (guest post by Geoff)

For the past couple of weeks, members of the <u>Polar Bears International</u> team have been roaming across along the shore of Hudson Bay in a Tundra Buggy, sharing our <u>Polar Bear Cams</u> in partnership with <u>explore.org</u> and interacting with audiences around the world through our <u>Tundra Connections</u> webcasts and live chats.









Grab a Blanket, It's Time for Polar Bear Week

Thrillist, 10/25/2021

But there's a purpose for Kishi Bashi's appearance other than, hey, look at these cute guys. In collaboration with Polar Bears International, the only nonprofit organization dedicated solely to wild polar bears and their sea ice home, the performance aims to bring awareness to the shrinking habitat of the bears. You can actually see it happening right now: there's a livestream of the habitat, and the ice is woefully scarce.









Hanging with Hundreds of Polar Bears

Happy Eco News, 10/22/2021

Guest post by: <u>Alysa McCall</u>, <u>Polar Bears International</u> Director of Conservation Outreach and Staff Scientist

Hundreds of polar bears are gathering around Hudson Bay right now. I'm thrilled to be back in Churchill, Canada — known as the polar bear capital of the world — for this year's migration. Polar bears are usually solitary, so this gathering is a spectacular sight to behold.





Polar bear hunting a reindeer caught on tape for first time Science Mag, 10/22/21

"We could view this as a little piece of good news, at least for the local polar bears," says Steven Amstrup, chief scientist at Polar Bears International. But he stresses that new hunting behaviors on land will not make up for the loss of the sea ice habitat where polar bears evolved. "It's a really interesting observation, and it may have some near-term value for some number of bears," Amstrup says, "but in the long run, I can't imagine that it's really going to be the salvation of polar bears."



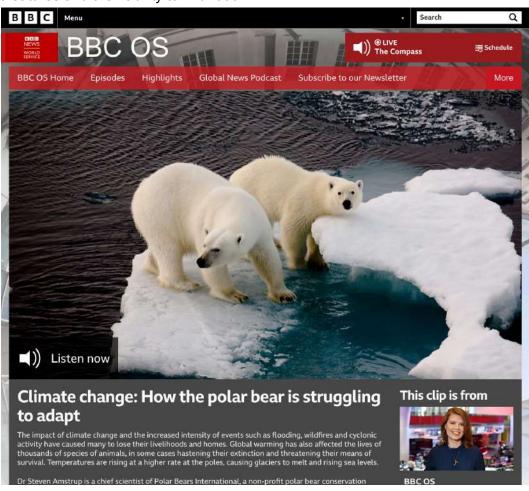




Climate change: How the polar bear is struggling to adapt BBC, 10/22/2021

The impact of climate change and the increased intensity of events such as flooding, wildfires and cyclonic activity have caused many to lose their livelihoods and homes. Global warming has also affected the lives of thousands of species of animals, in some cases hastening their extinction and threatening their means of survival. Temperatures are rising at a higher rate at the poles, causing glaciers to melt and rising sea levels.

Dr Steven Amstrup is a chief scientist of Polar Bears International, a non-profit polar bear conservation organisation in the United States. He explains how the ice melt has affected these creatures and their ability to find food.









COP26: Impact of climate change on animals

BBC OS World Radio, 10/20/2021

Interview with Dr. Steve Amstrup about the impact of climate change on polar bears, alongside a <u>Snow Leopard expert</u> and an <u>Invertebrates/Pollinators expert</u>

NARCITY

You Can Watch Hundreds Of Polar Bears Migrate Through Manitoba On This Camera (VIDEO) Narcity, 10/19/2021

The Polar Bear Cams from <u>Polar Bears International (PBI)</u> will track hundreds of the majestic white creatures as they migrate across Churchill, Manitoba, and you can already see a few of them hanging out and generally relaxing.

You Can Watch Hundreds Of Polar Bears Migrate Through Manitoba On This Camera (VIDEO)

So fluffy.





Kt Miller | Polar Bears International, Kt Miller | Polar Bears International

Jackson Hole News&Guide

Teton spirit animal inspires show at NMWA Jackson Hole News & Guide, 10/20/2021

Integrated into the exhibition is an interactive touch screen that activates brief segments featuring bear experts Lana Ciarniello, a wildlife biologist and independent research scientist at Aklak Wildlife Consulting, and Thea Bechshoft, a marine mammal biologist working with the University of Alberta in Canada, Aarhus University in Denmark and Polar Bears International.





Bring Me The News.

Young polar bear joining the celebration at Como Zoo Bring Me The News, 10/13/2021

He also comes with a tracking device prototype that's part of the Burr on Fur Program from the Polar Bears International and Minnesota-based 3M.

The tracker is a minimally invasive way of tracking polar bears in the wild. Traditionally, scientists have used satellite collars or trackers that involved surgery.

"The devices designed by 3M represent a major potential step forward — they could be used on all classes of polar bears and would allow us to obtain critical data with the least impact possible," Geoff York, senior director of conservation at Polar Bears International, said in a news release.





Kulu the polar bear is now at the Como Zoo and testing 3M tracking device prototype Twin Cities Pioneer Press. 10/13/2021

Scientists have used satellite collars to follow polar bears and their movements, but they have only been able to place them on adult females, according to a statement by Geoff York, senior director of conservation at Polar Bears International.

"The devices designed by 3M represent a major potential step forward — they could be used on all classes of polar bears and would allow us to obtain critical data with the least impact possible," York said.





Winnipeg Free Press

Manitoba to add polar bear to emblem

Winnipeg Free Press, 10/08/2021 (photo credit)

Churchill's polar bears have put Manitoba on the map. Manitoba wants to add the polar bear to its list of animal mammals. (CNW Group/Polar Bears International)





New 725-pound polar bear 'Kulu' settling in at Como Zoo KARE 11, 10/13/2021

The zoo said 3M researchers partnered with Polar Bears International to create the "tri-brush attachment," which sticks onto the bear's fur. Zoo bears are testing devices like this one, letting researchers see how well they stay on despite conditions like saltwater, extreme cold, and polar bears' daily activities.



How To Photograph Polar Bears From a Tundra Buggy

Natural Exposures, 10/11/2021

If you want more information on my work with polar bears and other arctic animals check out the <u>Arctic Documentary Project</u> sponsored by my friends at <u>Polar Bears International</u>.





APPCRAVER

<u>Winter Bears NFT # Know Everything About Winter Bears Collectibles</u> *Appcraver*, 10/05/2021

Upon sellout, the Winter Bears NFT team has committed to donating USD 40K to She's the first & Polar Bears International.

Notre Dame Magazine

Polar Eclipse

Notre Dame Magazine, 10/04/2021

As climate change dramatically alters the Far North, Geoff York '90 has spent decades trying to ensure the survival of the great white bear whose world is melting away.

"If you work with big animals long enough, something's going to happen," says York, 53, now the senior director of conservation for Polar Bears International (PBI), the world's only organization exclusively devoted to the study and protection of polar bears.



nature

Arctic sea ice hits 2021 minimum Nature, 09/29/2021

"The average of all the years is steadily decreasing while the average global mean temperature is increasing," says Steven Amstrup, chief scientist of Polar Bears International in Bozeman, Montana. He adds that, although there might be higher sea-ice extents in any given year, the frequency of "bad" ice years with a low minimum sea-ice extent is increasing. "Better ice years are increasingly anomalous in the long-term trend," Amstrup says.





Newsweek

North America's Oldest Polar Bear Living in Human Care Euthanized at 36 Newsweek, 09/27/2021

In the wild, polar bear lifespans are often even shorter. While some have been known to reach 30 years of age, it's an extremely rare occurrence. Most wild adult polar bears have a lifespan of just 15-18 years, explained Polar Bears International.





North America's Oldest Polar Bear Living in Captivity Dies at 36 Years Old Smithsonian Magazine, 09/27/2021

The Milwaukee County Zoo has a partnership with <u>Polar Bears International</u> and is actively involved with outreach programs and conservation efforts to help conserve the polar bear.



2021 INDIANAPOLIS PRIZE GALA CELEBRATES WORLD-RENOWNED ANIMAL CONSERVATIONISTS

Ritz Herald, 09/27/2021

Steven Amstrup, Ph.D., chief scientist for Polar Bears International, received the 2012 Prize for his work on the world's largest land carnivore.







Oldest polar bear in human care in North America dies at Milwaukee zoo CNN, 09/25/2021

The median life expectancy for a polar in human care is 23.4 years, according to the Association of Zoos and Aquariums. In the wild, they live an average 15 to 18 years, according to the organization Polar Bears International.

Oldest polar bear in human care in North America dies at Milwaukee zoo

By Theresa Waldrop, CNN

① Updated 4:15 PM ET, Sat September 25, 2021



At 36, Snow Lilly was the oldest bear in human care in North America, according to the Milwaukee County Zoo.

LIVESCI=NCE

What were the largest predators in North America?

Live Science, 09/26/2021

Modern polar bears (Ursus maritimus) aren't too far off — the largest males stand around 5 feet (1.5 m) at the shoulder and weigh around 1,300 pounds (600 kg), according to Polar Bears International.







"A polar bear would need to consume approximately 1.5 caribou, 37 Arctic char, 74 snow geese, 216 snow goose eggs (i.e., 54 nests with four eggs per clutch) or 3 million crowberries to equal the digestible energy available in the blubber of one adult ringed seal," says Dr. Anthony Pagano, a scientific advisor to Polar Bears International.



Outrage marketing is high-risk and high-reward but is it a good fit for your brand? Ynaija, 09/22/2021

After the online explosion of outrage, the brand revealed that it was done with CGI and the polar bear (a rescued animal as it turned out) was not harmed. Their motive for the campaign, they revealed, was to raise donations for Polar Bears International. Outrage wielded well.

Iowa Climate Science

Wrangel Island research team counted a record number of Chukchi Sea polar bears in 2020 *Iowa Climate*, 09/21/2021

There were no details provided on the methodology of the study and no report on the work is yet available. But rest assured that if any signs of a population collapse or starving bears had been spotted, it would have been headline news around the world instead of a 'good news' story on the Polar Bears International website. On the contrary, the photo that accompanies Regehr's article (below) appears to show a female with four cubs-of-the-year, a rare phenomenon also reported in 2017. In fact, it sounds like the Chukchi Sea subpopulation is still 'productive and heathly' as Regehr told the Daily Mail they were in 2017, despite markedly reduced summer sea ice since 2007.







Inbreeding occurring in polar bears as their habitat melts away

The Weather Network, 09/17/2021

Polar bears also rely on the sea ice to hunt their primary prey, seals. According to Polar Bears International, polar bears are a "highly specialized" predator of ice seals, adapted specifically to stalk seals on ice, where they are stealthy and quick. While they do take in other sources of food — including birds, eggs, and small mammals — these species do not provide enough calories to sustain population levels of polar bears.





New Yorkshire home for polar bear family

Discover Animals, 09/06/2021

The Yorkshire Wildlife Park Foundation raises funds to support polar bear conservation in the wild and collaborates with Polar Bears International on a number of projects.

Tyrone Wallace

<u>Three Conservation Programs Supported by the Wildcare Institute of Saint Louis Zoo</u> *News Break*, 08/29/2021

In addition to establishing seventeen institute centers spread throughout the world, the institute also supports a number of thirteen other conservation programs in the world, such as Action Indonesia, Arctic Program, and Polar Bear International.

. . .

At the international level, conservation efforts for polar bears are carried out in collaboration with Polar Bears International, or PBI, through several support actions, one of which is a \$100,000 fund aimed at polar bears conservation efforts.







<u>IFLScience Meets: Polar Bears International's Director Of Field Operations BJ Kirschhoffer Talks Cool Cameras</u>

IFL Science, 08/26/2021

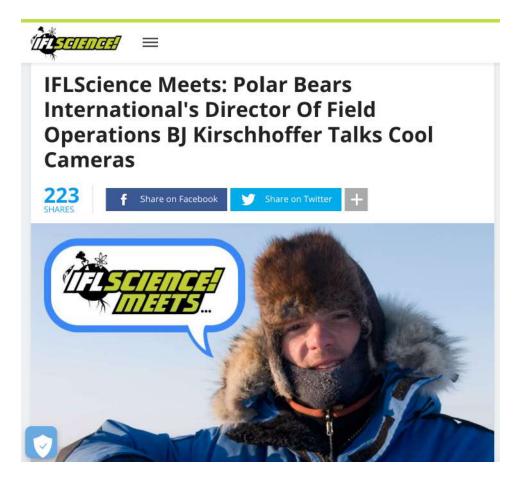
What are some of your proudest achievements?

When we first started, there was no cell phone service. Now there is, but there's not enough cell phone network bandwidth to stream what we stream. So, we had to create our giant wireless network to be able to put a streaming camera on the bottom of a boat and put it out in the Arctic and let it stream 24 hours a day.

We've got these home-built cameras we're making on Raspberry Pi computers and we put them out in the springtime on polar bear dens, and anytime we can get a polar bear behavior on one of these it is a huge accomplishment.

It takes three organizations a year of planning using home-built cameras that can withstand the Arctic, but when all of these things come together and you see that polar bear image on the screen, it is truly rewarding.

You can take a look at some of Polar Bears International and Explore.org's <u>polar bear live</u> <u>cameras</u> here.









Defending the Arctic's iconic polar bears from rising temperatures
Beautiful News & Water Bear Network. 8/20/201

As one of the strongest and largest carnivores on land, polar bears should represent power. Instead, they've become the emblem of climate change. These marine mammals, synonymous with the Arctic, are facing an existential threat due to rising temperatures.

With paddle-like paws to traverse the ice and thick hair, polar bears are equipped to survive freezing temperatures. While polar bear fur is actually translucent, it appears white as it reflects the sun's rays. Their skin underneath is black, which absorbs sunlight to create the perfect system for insulation.

Polar bears do most of their feeding in spring during the seal pupping season when they can take advantage of a seal mother and her pups. During this time, a polar bear will bulk up for the summer months when they rest. But with global heating causing the polar ice to melt year-round, their hunting grounds are shrinking and their food supplies are diminishing. Listed as vulnerable on the IUCN Red list, there is still time to save polar bears. Scientists and conservationists at Polar Bears International are working to educate people and protect the iconic animals through the help of donations. By combating climate change and halting temperatures from increasing, polar bears can recover from the threat of human impact.





<u>He Felt the Polar Bear's Tooth on His Eye</u> *Newser*, 08/18/2021

"With more polar bears driven ashore as the sea ice melts, the chances for encounters increase," per <u>Polar Bears International</u>.





THE IRISH TIMES

Stocktake: Markets woefully unprepared for climate change risks Irish Times, 08/16/2021 (photo credit only)



Overall, there is a near-universal belief that asset markets are underpricing climate risk. Photograph: KT Miller/Polar Bears International/AFP via Getty Images



'GMA3' Deals & Steals on fan favorites for everyday joy Good Morning America, 08/11/2021

Wildlife Collections: Cause-Related Bracelets

These cause-related bracelets -- sea turtle, elephant, polar bear or shark -- come with a card with information about animals and a QR code to track them, while giving back to various organizations that do the research and provide the tracking data. Wildlife Collections is partnered with the Sea Turtle Conservancy, Save the Elephants and Polar Bears International.



10 Amazing Things You Didn't Know about Animals *IMC*. 08/11/2021

According to <u>Polar Bears International</u>, polar bears greet one another by touching noses! This is also how they ask for food from other bears; a bear will come up to another bear that is eating and touch its nose to see if it can share in the snack time with the other bear.







Polar bears bash walrus skulls with boulders and ice blocks, study suggests MSN, 08/05/2021

"I have always been impressed with the accuracy and reliability of the observations of animals reported by experienced Inuit hunters, so I thought it was likely the accounts might not just be myths but the result of reporting of actual observations, even though the behavior itself is likely quite rare," study lead author Ian Stirling, a member of the Scientific Advisory Council for Polar Bears International and an adjunct professor in the Department of Biological Sciences at the University of Alberta, told Live Science in an email.





Polar bears bash walrus skulls with boulders and ice blocks, study suggests Live Science, 08/04/2021

"I have always been impressed with the accuracy and reliability of the observations of animals reported by experienced Inuit hunters, so I thought it was likely the accounts might not just be myths but the result of reporting of actual observations, even though the behavior itself is likely quite rare," study lead author Ian Stirling, a member of the Scientific Advisory Council for Polar Bears International and an adjunct professor in the Department of Biological Sciences at the University of Alberta, told Live Science in an email.







<u>Twenty + Change: Blouin Orzes, Montreal, Quebec</u> Canadian Architect, 08/02/2021 (photo credit only)



Polar Bears International House provides a Churchill office space and interpretative area for the US-based organization's staff and guests.

The project was completed with Verne Reimer Architecture. Photo by James Brittain

Nya Sustainability

How to watch thousands of beluga whales migrate through Canadian waters Nya Sustainability, 08/07/2021

The live-streaming event is timed for <u>Arctic Sea Ice Day</u>, which was created by the non-profit organization Polar Bears International to draw attention to the rapid ice loss taking place in the Arctic, which threatens to raise sea levels across Canada and the world.





Treehugger

Get Way Up Close and Personal With Beluga Whales

Tree Hugger, 07/20/2021

.Alysa McCall, director of conservation outreach and staff scientists at Polar Bears International, and Ashleigh Westphal, conservation technician at Assiniboine Park Zoo in Winnipeg, spoke to Treehugger about the cam and the discoveries.

Alysa McCall: The beluga cam was launched in 2014 as a collaboration between Explore.org and Polar Bears International. Since we were already collaborating on multiple polar bear cams in the fall season, we thought it would be amazing to also share the incredible summer beluga whale migration that occurs in the Churchill river estuary. The tech gurus at each organization (Explore.org and Polar Bears International) love a challenge, and they thought, "why not engineer an underwater camera with a hydrophone?"—and that's what they did.

The beluga boat and both the Underwater and Above Water cameras have gone through a handful of upgrades and innovations, but have been operating in the summer months ever since. In 2020 we transitioned from a zodiac to a hard sided boat, which has been a significant upgrade. And in 2021, a smart antenna was added to improve range and guality.

What have been some of the coolest highlights?

McCall: A previously satellite-tagged beluga was re-sighted in one of the underwater photos prompting a collaboration with biologists at Fisheries and Oceans Canada to compare re-sightings from different beluga sub-populations across the Arctic. Reports of re-sightings of tagged whales are rare, but can provide insights into wound healing and potential long-term effects of tagging techniques.

Beluga Bits not only helps us understand beluga whales better but it's also offered a unique view into their rich underwater habitat. One of the exciting findings from this project so far has been photo evidence of two new jellyfish species in the estuary—the melon comb jellyfish and common northern comb jellyfish (not previously documented within Hudson Bay).



19pcic









The eternal tension

Cape Gazette, 07/29/2021

Among other consulting gigs, Moore is advisor to Polar Bears International. Are they doomed? "We've known about the threat of their extinction from climate change for 30 years," he says; they used to be fat with lots of cubs, now they're skinny and have few babies. "There's still time, but it's growing short."



Polar bears: The largest land carnivores

California News Times, 07/29/2021

Male polar bears typically weigh over 770 to 1,300 pounds (350 to 600 kilograms). The 12-foot-high Alaskan bear, photographed in 1960, was the heaviest bear ever recorded and weighed 2,210 pounds (1,000 kg). According to Polar Bears International, women weigh half as much as men, 330-650 pounds (150-295 kg).

. . .

Polar bear fur looks white, but it is actually transparent. According to Polar Bears International, the white appearance reflects off transparent, hollow hair due to the scattering and reflection of visible light.

- - -

According to Polar Bears International, wild polar bears usually live for 15-18 years, but can survive until their thirties.





cheddar news

<u>Thousand of Beluga Whales Migrate Through Canadian Waters</u> *Cheddar, 7/16/2021*

The annual migration of over 57,000 beluga whales is happening in Canadian waters. Every summer the whales travel from the arctic sea to warmer waters in Manitoba, Canada and people can watch their journey thanks to Explore.org, the site is home to the world's largest nature live-streaming network. The migration tells experts a lot about the whale's numbers and gives clues about the arctic ecosystem. Valeria Vergara, PhD. Program Director, Whales Initiative at Ocean Wise joins us to talk about this annual event.









57,000 whales in a river and 17,000 citizens to study them 20 Minutos Spain, 7/15/2021

Every summer at this time thousands of belugas migrate from the Arctic to the Churchill River in Canada. They look for easy food, a safe place for their young, and the necessary conditions to start their molting process. A team of researchers carries out a daily and exhaustive monitoring that we can all see live from our homes and also contribute to the study of these cetaceans, thanks to high definition cameras that allow live broadcast over the internet.

Thanks to these resources we can all become volunteers in the beluga monitoring project. It is as simple as watching the live broadcasts of the Polar Bears International cameras through Explore.org and taking screenshots where the different specimens can be identified.



Watch thousands of beluga whales embark on their annual migration live Weather Network, 7/15/21 (syndicated to Yahoo!)

The annual migration of more than 57,000 beluga whales is underway - and you can watch it live on the Beluga Whale Live Cam.

The whales are swimming down from the Arctic in search of northern Manitoba's warmer waters. Experts will be keeping an eye on the migration because their numbers and patterns give clues about the health of the Arctic ecosystem, Stephen Petersen, director of conservation and research for Assiniboine Park Conservancy, told CTV.







How to watch thousands of beluga whales migrate through Canadian waters CTV News, 07/15/2021 (Syndicated to iHeartRadio)

If you ever wanted a front-row view of thousands of beluga whales, now's your chance. Starting today, audiences around the world can check out "Beluga Whale Live Cam" to get an underwater glimpse of the annual migration of more than 57,000 beluga whales as they swim down from the Arctic to the warmer waters near northern Manitoba.

"It's telling us about their health and their numbers... the arctic ecosystem is an incredible place and so much is going on and so much is changing," Stephen Petersen, director of conservation and research for Assiniboine Park Conservancy, told CTV's Your Morning on Thursday.

The live-streaming event is timed for <u>Arctic Sea Ice Day</u>, which was created by the non-profit organization Polar Bears International to draw attention to the rapid ice loss taking place in the Arctic, which threatens to raise sea levels across Canada and the world.

His and other conservation groups have rigged up a series of cameras, including one on the deck of a ship, thanks in part to Explore.org, which bills itself the world's largest nature live-streaming network.







GIZMODO

<u>It's Beluga Cam Time</u> *Gizmodo/Earther*, 07/15/2021

Beluga cam is back, baby. That means you can once again catch a glimpse of the estimated 57,000 Beluga whales that migrate from the Arctic to the warmer waters of Manitoba's Churchill River every summer. You can check it out here, and you should do so right now.

Two conservation organizations, Polar Bears International and Explore.org, just officially launched the live Beluga feed for the eighth consecutive year. It's broadcasting from the Hudson Bay in the Arctic lowlands. It will be up until the first or second week of September, after which the whales will head north.

"They're the most chatty animals I think I've ever heard. It's incredible," Alysa McCall, director of conservation outreach and staff scientist at Polar Bears International, said on a Zoom call. "I think people really fall in love with the Belugas when they hear them."

"Arctic sea ice is to the ocean what soil is to a forest. This is not just simply frozen water, it's actually the base of the food chain," said McCall. "Sea ice grows algae inside of it in the spring, which is feeding these diatoms and copepods, which feed the fish. Those fish feed the seals, the polar bears, they all eat the fish."









<u>Live Stream Baby Beluga, Big Belugas & More From the Comfort of Your Couch</u> *Red Tricycle*, 07/07/2021

Beluga cam is back! If you've ever wanted to watch a live stream of <u>migrating beluga whales</u>, we've got the scoop for you. explore.org and Polar Bears International will launch the Beluga Whale Live Cam on July 15, which broadcasts from Churchill River where it meets the Hudson Bay.

. . .

July 15 is Arctic Ice Sea Day, a day hosted by Polar Bears International to draw attention to the rapidly melting Arctic ecosystem. You can join <u>live scientists Q&As</u>, <u>donate to the cause</u> and learn more about <u>why sea ice is so important</u>. Kids can learn how to draw a <u>polar bear</u> or <u>a narwhal</u>. too!

nature

What polar researchers have learnt from the pandemic *Nature*, 07/06/2021 (image only)



Thea Bechshøft examines a polar bear in Canada. Credit: A.E. Derocher, Univ. Alberta

THEA BECHSHØFT: Continue offering virtual opportunities

Ecotoxicologist and staff scientist at Polar Bears International in Aarhus, Denmark.





The Washington Newsday

Yorkshire Park is now the world's second-largest polar bear sanctuary.

The Washington Newsday, 06/29/2021

In collaboration with Polar Bears International and Yorkshire Wildlife Park, YWP expects that the new additions will assist its Project Polar, which supports conservation, research, and education programs.



<u>Fact check: Facebook users mistake toy for newborn polar bear cub</u> (citation) *USA Today*, 06/29/2021



New deals from Tory Johnson's 40 Boxes: Nunbelievable cookies and more Good Morning America, 06/28/2021

Create an arm party that celebrates animals and educates about wildlife conservation. Wildlife Collections cause-driven bracelets include a card with information on animals and a QR code to track them, while giving back to various research organizations: Sea Turtle Conservancy, Save the Elephants and Polar Bears International.



A Teachers' Guide to Miseducating the Young

Quadrant Online, 06/28/2021

PETAA author Julie Hayes claims to have "closely followed the science of climate change since the mid-1990s". The booklet's fruits include pages of yet-more nonsense about polar bear peril from climate change, disseminated by the activist group Polar Bears International.





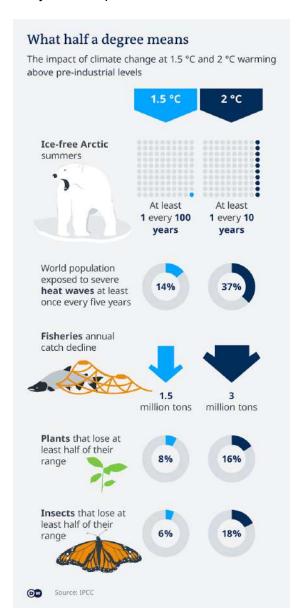


Fact check: Is half a degree of warming really such a big deal? DW, 06/29/2021

Steven Amstrup, chief scientist at United States-based conservation nongovernmental organization Polar Bears International, has been researching wildlife in the Arctic since the 1980s and has seen the changes firsthand.

"Back then, I remember looking at the sea ice that was right offshore in northern Alaska in the middle of summer — it was never very far from the coast," he told DW.

"Now during the same period, the sea ice is hundreds of miles offshore. If you'd told me at the beginning of my career that I was going to see these kinds of changes, I would have said you're crazy," Amstrup said.









Polar bear early-warning system goes live in Canada

Engineering & Technology, 06/17/2021

Sensor solutions company Hensoldt - based in Taufkirchen, Germany - has made its technology available for the protection of threatened species. The company has signed an agreement with the charitable organisation Polar Bears International to initiate a pilot project featuring a sensor-based early warning system that alerts people to the imminent arrival of polar bears in human settlements, thus giving those communities more notice and time to mitigate negative interactions.

The pilot project, called 'Polar Bear Warning Radar' (PoWR), will be operated by Polar Bears International in Churchill, Manitoba, Canada - the 'Polar Bear Capital of the World' - on the shores of Hudson Bay.

. . .

"This technology works day and night, in all weather conditions, giving community members the tools they need to stay safe, so that we can protect polar bears, as well as people." said Sarah Sterzl, group sustainability officer, Hensoldt, and project manager of PoWR. "The project fits perfectly into our mission to protect not only the society, but also our planet. Polar Bears International staff and scientists are renowned experts in this field, so we are proud to partner with them on this project."

. . .

Geoff York, senior director of conservation, Polar Bears International, said: "We are pleased to work with Hensoldt on developing this important technology. Innovation and creative uses of technology are key to on-the-ground conservation efforts. It's important that we develop tools to protect people and polar bears while society advances action to address climate warming."

. . .

<u>Polar Bears International's (PBI) mission</u> is to conserve polar bears and the sea ice on which they depend. PBI is the only non-profit organisation dedicated solely to wild polar bears and Arctic sea ice and is a recognised leader in polar bear conservation.



By Jonathan Wilson Published Thursday, June 17, 2021

A pilot project in Canada dedicated to the protection of polar bears, a threatened animal species, is now under way with the help of a German sensor company.







<u>Yorkshire park becomes second largest polar bear centre in the world</u> *The Independent*, 06/11/2021 (syndicated to <u>Yahoo</u>)

YWP hopes the new additions will also benefit its Project Polar, through which it supports conservation, research, and education programmes, in association with Polar Bears International and Yorkshire Wildlife Park Foundation

BIG NEWS NETWORK

<u>Viscount Christopher Monckton: Lord of the lies on climate change</u> *Big News Network*, 06/11/2021

The respected <u>Polar Bears International</u> organisation (headquartered in Montana) reported Canada's Western Hudson Bay population of polar bears had experienced a <u>30 per cent decline</u> from 1987 to 2017, directly related to longer ice-free seasons on the bay.

DISCOVERWILdlife

What are and where to see The New Big 5 Discover Wildlife, 06/04/2021

Championed by Krista Wright, executive director of Polar Bears International.

<u>Polar bears</u> are unlike any other bear on earth in that the frozen ocean is literally essential to their survival. Sea ice forms the base of the Arctic food chain. As the top predator, polar bears are an indicator species.















What are and where to see The New Big 5
BBC Discover Wildlife Magazine, 06/04/2021

Championed by Krista Wright, executive director of Polar Bears International.

<u>Polar bears</u> are unlike any other bear on earth in that the frozen ocean is literally essential to their survival. Sea ice forms the base of the Arctic food chain. As the top predator, polar bears are an indicator species.

Taveler Taveler

The new 'Big 5' of wildlife photography (which should only be shot with a camera)
Conde Naste Traveler - Spanish edition

Más de 250 de los fotógrafos, conservacionistas y organizaciones benéficas de todo el mundo se han unido para apoyar esta iniciativa internacional, incluidos: <u>Jane Goodall</u>, Pavan Sukhdev (<u>WWF</u>), Kaddu Sebunya (<u>AWF</u>), <u>Save The Elephants</u>, <u>Dian Fossey Gorilla Fund</u>, <u>Conservation International</u>, <u>Ewaso Lions</u>, <u>Polar Bears International</u>, <u>Wildlife Direct</u>, <u>International Fund for Animal Welfare</u> (IFAW), <u>Orangutan Foundation</u>, <u>Save The Rhino International</u>, <u>WildAid</u>, <u>Wildlife Trust Of India...</u>







Arctic sea ice thinning faster than expected, new study shows *AFP*, 06/04/2021 [image]

Arctic sea ice thinning faster than expected, new study shows











INTERNATIONAL/AFP



Joanne Rossmassler Fritz Interview + Giveaway! Reading Middle Grade, 05/31/2021

Oh, I've been passionate about the environment since the very first Earth Day, when I was in 10th grade. (Yes, I'm that old!) For the last ten years or more, I've been donating to Polar Bears International, as well as The Coalition for Rainforest Nations, and other organizations. I'm thrilled that our current administration seems to care more about the environment, and I love Greta Thunberg. I think every school student should do what she's done. I wish I'd been brave enough to speak up about the climate crisis when I was young.







WMO: World may breach 1.5C warming within five years

Malay Mail, 05/27/2021 [image credit]





Wildlife Lovers Around the World Have Chosen a New Big 5

Adventure Travel News, 05/17/2021

More than 250 of the world's wildlife photographers, conservationists and wildlife charities have come together to support this international initiative, including Jane Goodall, Pavan Sukhdev (WWF), Kaddu Sebunya (AWF), Save The Elephants, Dian Fossey Gorilla Fund, Conservation International, Ewaso Lions, Polar Bears International, Wildlife Direct, IFAW, Orangutan Foundation, Save The Rhino International, WildAid, IUCN, Wildlife Trust Of India, Save Pangolins, and more.





Forbes

The New Big 5: An Endangered Wildlife List For Travelers Forbes, 05/17/2021 (avoid paywall here)

Green enlisted the support of some major figures in world wildlife protection, wildlife photographers, conservationists and wildlife charities to aid with the New Big 5 initiative, including Jane Goodall, Pavan Sukhdev (WWF), Kaddu Sebunya (AWF), Save The Elephants, Dian Fossey Gorilla Fund, Conservation International, Ewaso Lions, **Polar Bears International**, Wildlife Direct, IFAW, Orangutan Foundation, Save The Rhino International, WildAid, IUCN, Wildlife Trust Of India, and Save Pangolins.







euronews.green

Conservationists urge people to shoot these 5 animals (with a camera) Euronews, 05/17/2021

There are currently only around 26,000 in the wild and they are already labelled as <u>vulnerable</u> by the <u>IUCN</u> so this will have a detrimental effect on the species.

Krista Wright, the Executive Director of Polar Bears International, believes that "by taking action on climate change, we'll not only ensure the polar bear's future, but help people too. A future that supports polar bears will be a future that's better for all of us.

OUTONOWS.green NEWS CLIMATE NATURE LIVING ECO-INNOVATION

The new 'Big 5' are the animals we need to protect, not harm, the most



The traditional Big S' included animals such as tigers - Copyright Ramakrishnan Alyaswamy/(c) Ramakrishnan_ANASWAN





Getaway

Wildlife lovers around the world have chosen a New Big 5 Getaway, 05/17/2021

Krista Wright (Executive Director, Polar Bears International) said 'I'm so excited polar bears are part of the New Big 5. They're keenly intelligent and endlessly fascinating to photograph and watch. Polar bears are also a powerful symbol of sea ice loss from global climate warming and a poignant messenger of the urgent need to act. In order to protect polar bears, we need to protect the sea ice they depend upon. If we work together, we can ensure polar bears roam the Arctic sea ice for generations to come. By taking action on climate change, we'll not only ensure the polar bear's future but help people too. A future that supports polar bears will be a future that's better for all of us.'



Global wildlife lovers choose their 'New Big 5' of animals to photograph Digital Camera World, 05/17/2021

More than 250 of the world's leading wildlife photographers, conservationists and wildlife charities have joined together to support this international initiative, including Jane Goodall, Pavan Sukhdev (WWF), Kaddu Sebunya (AWF), Save The Elephants, Dian Fossey Gorilla Fund, Conservation International, Ewaso Lions, Polar Bears International, Wildlife Direct, IFAW, Orangutan Foundation, Save The Rhino International, WildAid, IUCN, Wildlife Trust Of India, Save Pangolins – and more.







The new 'Big 5' are for shooting with a camera, not a gun CNN, 05/17/2021

There is some overlap between the "New Big 5" and the old -- with the elephant and the lion still included. But the gorilla, tiger and polar bear are new entries, unseating the leopard, rhino and African buffalo.

"I hope the five animals people have chosen for the New Big 5 can focus people's minds on what's happening to the world's wildlife," says Green. "They are the tip of the iceberg when it comes to the crisis facing the world's wildlife ... but these five iconic animals can be global ambassadors and stand for all the other species facing the threat of extinction."



All the species picked for the New Big 5 are vulnerable to threats such as habitat loss and climate change.







Photographers rewrite list of 'big five' animals to shoot

The Guardian, 05/17/2021

More than 250 wildlife photographers, conservationists and wildlife charities have supported the year-long initiative, including Moby, Ben Fogle, Jane Goodall and Joanna Lumley. The project aims to use photography to raise awareness about the threats to wildlife from habitat loss, poaching, human conflict, the illegal wildlife trade and the climate emergency.

oceanbites

Bearing teeth: How polar bear dental health can illustrate climate change Ocean Bites, 05/13/2021

To find out ways you can help polar bears, you can visit the Polar Bears International website.



How melting glaciers have accelerated a shift in Earth's axis *The Guardian*, 05/06/2021 [image]



▲ A recent study has blamed the lurch in the Earth's axis and poles on the melting of the world's glaciers, especially from the polar regions. Photograph: Bj Kirschhoffer/Polar Bears International/AFP/Getty Images







Polar bears are ill-suited to live off food foraged from land, new research shows Arctic Today, 05/07/2021

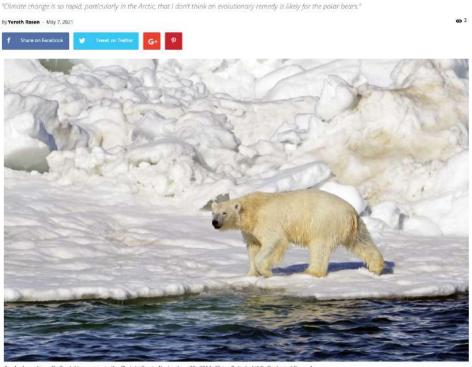
"We didn't find any evidence anywhere that terrestrial foods could benefit any more than a few individuals out of a population," said Steve Amstrup, a former USGS biologist and the chief scientist with Polar Bears International, who was a co-author of that study.

. .

Land in the Arctic does offer sufficient food to feed a different type of bear, the grizzly, but only to a limited degree. That is not a good sign for hungry polar bears, Amstrup said.

The grizzlies that live on the Arctic tundra have the smallest bodies of all grizzly populations, and they are few in number, he said. "That land won't support many bears," he said. It certainly would not support an incursion of hungry polar bears moving in from the sea, he said. "There isn't any reason why you would expect a whole population of the largest bears of the world to move into an area that doesn't support many bears."

Polar bears are ill-suited to live off food foraged from land, new research shows



A polar bear dries off after taking a swim in the Chukchi Sea in Alaska, June 15, 2014. (Brian Battaile / U.S. Geological Survey







Are cats and dogs left-handed? Do polar bears put their paw over their nose to hide? More animal myths busted

Australian Broadcasting Company, 05/02/2021

In this case though, if you smell a rat, your instincts are spot on, according to polar bear expert lan Stirling from **Polar Bears International** and the University of Alberta.

"For several weeks at a time in the late spring and early summer, in a number of years between the mid-1970s and the late 1990s, I led a research team that used telescopes to watch undisturbed polar bears hunting seals in the Canadian High Arctic," Professor Stirling says.



'Preserving a Future for Polar Bears Across the Arctic' Fun107.com, 04/28/2021

Buttonwood Park Zoo's Virtual "Wildlife Education Series" is holding its second installment on Wednesday, April 28, at 7 pm. This educational program will showcase Alysa McCall, Director of Conservation Outreach, and Marissa Krouse, Program Manager for Polar Bears International (PBI). PBI is the only conservation organization solely dedicated to wild polar bears. Through research, education, and advocacy, they work to inspire people to care about the Arctic and its connection to our global climate.

ADVENTURE JOURNAL

Opinion: The Hypocrisy of Helicopter Skiing Adventure Journal, 04/27/2021 [by KT Miller]

The fall after my first season in Haines, I went to Churchill, Manitoba, on a whim. A mentor of mine ran an organization called Polar Bears International and invited to me to come up and volunteer. I didn't have anything better to do at the time and figured it would be really cool to see polar bears and try something new. What I didn't know is that my time in Churchill would change my life in a big way, transforming me from simply a nature lover to a full-on environmentalist.





How a hi-tech search for Genghis Khan is helping polar bears The Guardian, 04/27/2021

Getting reliable data on denning sites is vital. "The Arctic national wildlife refuge is the perfect example," says BJ Kirschhoffer, PBI's director of field operations, who led the latest tests in Utah. "Industry wants to go in and pump oil. If we have a tool that definitively says exactly where polar bear dens are, that means keeping people away from those places. If we want bears, we need baby bears, so we've got to protect those dens."

SAR detects objects by sending pulses of radio waves; sensors pick up the echo or "bounce" to map an area. The aim is to find the right frequency, a sweet spot, that can penetrate snow but still detect a bear.

The current technology for detecting dens, forward-looking infrared (FLIR), which detects heat, is less than 50% effective. Smith likens it to a "divining rod".

Other projects to monitor polar bear movements across the Arctic include "burr on fur" temporary tracking devices. PBI has worked with 3M, the company behind Post-it notes, to develop small bioplastic triangles with coiled bristles that stick to a polar bear's fur, like a burr, along with a medical-grade adhesive. Burrs are smaller and easier to attach than collars, and less invasive than ear tags or implants, which require surgery. They can cope with extreme cold, snow, ice, saltwater and a polar bear's rough lifestyle. By the time the polar bear moults and the tag comes off with its hair, the data has already been collected via satellite.

Two-thirds of the world's polar bears could be lost by the end of the century. Disappearing sea ice, caused by the climate crisis, is their greatest threat, "All the tech tools we're using are stopgaps to help protect the animals we have," says Kirschhoffer.

"But ultimately the solution isn't any of this tech; it's getting people to change their behaviour, to live more sustainably and reduce their carbon footprint, and maybe pushing tech to find more efficient ways to live on this planet. That's the tech we need most: carbon capture, more efficiencies, electric cars, whatever reduces our impact on the planet."





fabric



Researchers set up a camera to monitor a den. Artificial intelligence is now used to find bears among all the images captured. Photograph: Kt Miller/Polar Bears International



Montana Photographer Received NANPA Fellow Award NANPA, 04/23/2021

Montana-based nature and conservation photographer Daniel Cox will receive a NANPA Fellow Award during the 2021 Nature Photography Virtual Summit, April 29-30. Through a long career, he and his images have reached a wide audience through publications (including two National Geographic covers), exhibits, workshops, and presentations. He's published more than 20 books is a member of the Explorers Club, and serves as an advisory board member of Polar Bears International and as director of their Arctic Documentary Project. He's received awards in competitions such as BBC Wildlife Photographer of the Year and Nature's Best and NANPA's 2013 Outstanding Nature Photographer of the Year Award. He and his wife, Tanya, lead photo tours at Natural Exposures.





LIVESCI=NCE

'<u>Pizzly'</u> bear hybrids are spreading across the Arctic thanks to climate change LiveScience, 04/23/2021 [image]



A polar bear and its cub in the arctic. (Image credit: Kt Miller/Polar Bears International)



'GMA' Deals & Steals for Earth Day Good Morning America, 04/22/2021

By combining a bracelet and interactive tracking experience, Wildlife Collections' goal is to educate about wildlife and conservation. These cause-related bracelets come with a card with information about animals and a QR code to track them, while giving back to various organizations that do the research and provide the tracking data. Wildlife Collections is partnered with the Sea Turtle Conservancy, Save the Elephants and **Polar Bears International**.

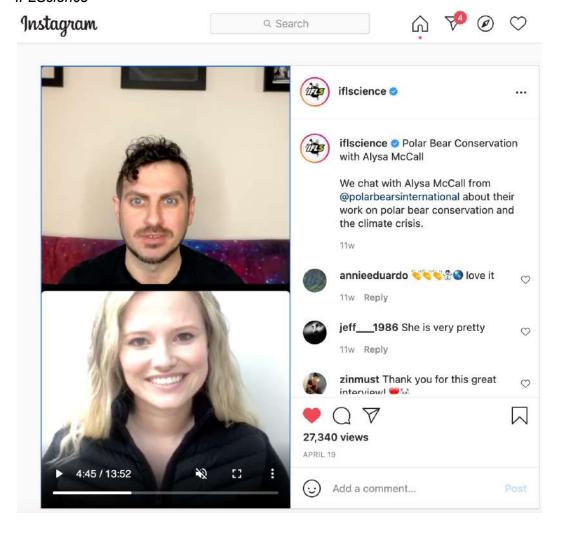






Polar Bear Conservation with Alysa McCall

IFLScience







BUSINESS INSIDER

Steven Amstrup, Opinion Contributor Apr 17, 2021, 9:33 AM

Republicans keep denying evidence they don't like — as a former Republican and polar bear scientist, I know exactly how dangerous this can be

Business Insider, 4/17/21 (avoid paywall here)

--guest post by Dr. Steven C. Amstrup, the chief scientist for Polar Bears International.

Denying evidence we don't like only intensifies problems and undermines solutions.

The more obvious and expensive our changing climate has become, the greater Republican denial and resistance to doing anything about it.

Years of inaction have made solving our climate crisis more difficult, leaving us with no time to waste.

The polar bear's dependence on habitat that literally melts as temperatures rise makes the risks of global warming easy to understand. But it's not just about polar bears. In ecology, all things are connected. The impacts of global warming in other ecosystems, including our own, are more complicated than the polar bear's relationship with melting ice, but the catastrophe unfolding in the Arctic is coming to us all in the form of more severe droughts, floods, wildfires, and generally erratic weather, like this year's unusual winter storms.

≡ Q INSIDER Hello, jason! ⊗

Republicans keep denying evidence they don't like — as a former Republican and polar bear scientist, I know exactly how dangerous this can be







(f) (m) (r)







<u>Biden seeks to turbo-charge climate fight, but can US lead?</u> *France24*,04/18/2021 [image]

Biden seeks to turbo-charge climate fight, but can US lead?









Issued on: 18/04/2021 - 04:02 Modified: 18/04/2021 - 04:01



A polar bear stands on melting sea ice in Svalbard, Norway in 2013 Kt MILLER POLAR BEARS INTERNATIONAL/AFP/File



Photo of the Day: Bear with me while I check out my new digs Deseret, 04/15/2021

According to Hansen, the zoo has a long-standing commitment to polar bears. Through its partnership with Polar Bears International, the zoo has contributed both funding and staff support to ensure the survival and preservation of the endangered species. For more information on Polar Bears International or the zoo's work to help save polar bears in the wild, please visit www.polarbearsinternational.org





METRO

Meet the 'pizzly bear': endangered polar bears are now mating with grizzlys Metro U.K., 04/15/2021

Dr Steven Amstrup, chief scientist of Polar Bears International, who was involved in the study, told BBC News: 'What we've shown is that, first, we'll lose the survival of cubs, so cubs will be born but the females won't have enough body fat to produce milk to bring them along through the ice-free season.' 'Any of us know that we can only go without food for so long. 'That's a biological reality for all species'.

The Seattle Times

Point Defiance Zoo's polar bear Blizzard teaches a lot while getting his annual exam Seattle Times, 04/09/2021

A crimp plate-style tracker, used by <u>Polar Bears International to follow bears and study the impact of climate change on their population</u>, was attached to Blizzard near the nape of his neck during his exam, Somerville said.



Zoo's Spring Forecast: partly sunny with a chance of Nora! The World Link, 04/08/2021

The zoo is working with Polar Bears International, the U.S. Geological Survey and other partners on projects that will shed new light on how climate change is affecting polar bears in the Arctic.





International Business Times

<u>Polar Bears Forced To Forage Eggs As Warming Shrinks Hunting Grounds</u> *International Business Times*, 04/06/2021 (syndicated to: <u>France24</u>)



The climate change threat to polar bears is well known, driven by the extraordinary pace of change in the Arctic, which is warming twice as fast as the planet as a whole (Photo: POLAR BEARS INTERNATIONAL / Steven C. AMSTRUP)



Many polar bears are already facing a climate-driven threat as dwindling sea ice cuts short the time they have to hunt seals, their preferred prey (Photo: POLAR BEARS INTERNATIONAL / BJ KIRSCHHOFFER)







<u>Virtual field trips and travel activities for kids</u>

MSN, 04/05/2021 [originally posted on <u>Million Mile Secrets</u>]

Discovery Education

Discovery Education offers both live and on-demand virtual field trips that you explore any time you're ready. Activities include a behind-the-scenes look at Inauguration Day 2021, Silicon Valley's annual Tech for Tomorrow event and Tundra Connects, which gives you a close-up look at **Polar Bears International**. There's also a companion guide that includes tons of hands-on activities to correspond with your virtual travels.



I'm Hooked! - Buying Bracelets and Helping Animals

Heck of a Bunch, 04/06/2021

The company has official partnerships with the Sea Turtle Conservancy, Orca Research Trust, Save the Elephants, and **Polar Bears International**.. When you purchase from Wildlife Collections, part of the monies goes to those organizations.

Winnipeg Free Press

Concern grows as polar bear tourism expands Winnipeg Free Press, 04/01/2021







The Standard-Times

BPZoo's educational series returns virtually with elephants and polar bears *The Standard Times*, 03/31/2021

The second installment of the education series will be held on April 28 featuring Alysa McCall, Director of Conservation Outreach, and Marissa Krouse, Program Manager for Polar Bears International (PBI).



Polar Bears will be discussed in BPZoo's "Wildlife Educational Series" Polar Bears International



Wildlife Education Series Returns to Buttonwood Park Zoo in April Fun 107, 03/31/2021

The second installment of this popular education series will be held on Wednesday, April 28, and will feature Alysa McCall, Director of Conservation Outreach, and Marissa Krouse, Program Manager for Polar Bears International (PBI). According to the press release, "PBI is the only conservation organization solely dedicated to wild polar bears. Through research, education, and advocacy we work to inspire people to care about the Arctic and its connection to our global climate."



<u>Cincinnati Zoo's 'Little One,' oldest male polar bear in American zoos, euthanized Dayton24/7Now, 03/27/2021</u>

The Cincinnati Zoo is proud to partner with Polar Bears International as an Arctic Ambassador Center to help spearhead community efforts to reduce carbon dioxide and to educate visitors about global warming and wildlife conservation.





THE TIMES

The remarkable story of Nora, the loneliest polar bear, and how she was saved The Sunday Times, 03/21/2021



FRACTRACKER

The fight to protect Alaska's Arctic National Wildlife Refuge Fract Tracker, 03/12/2021

March 26, 2019: Gwich'in leaders from across the United States and Canada were joined by faith leaders, scientists, and veterans to stand before Congress and testify on behalf of the Arctic National Wildlife Refuge and its coastal plain, and to support passage of The Arctic Cultural and Coastal Plain Protection Act. Witnesses included Ms. Bernadette Demientieff, Executive Director, Gwich'in Steering Committee; The Honorable Galen GilbertChief, Arctic Village Council; The Honorable Dana Tizya-Tramm, Chief, Vuntut Gwitchin First Nation; The Honorable Victor Joseph, Chief/Chairman, Tanana Chiefs Conferece; Mr. Sam Alexander, Board Member, Gwich'in Council International; Mr. Fenton Rexford, Advisor to the Mayor of the North Slope Borough, Tribal Member, Native Village of Kaktovik; Rev. Mark Lattime, Bishop of Alaska, The Episcopal Church; Dr. Steven Amstrup, Chief Scientist, Polar Bears International; Mr. Chad Brown, Founder, Soul River, Inc.; Mr. Richard Glenn, Executive Vice President, External Affairs, Arctic Slope Regional Corporation; Mr. Matthew Rexford, Tribal Adminisrator, Native Village of Kaktovik.







Arctic TV shoot offers career highlight

The Creemore Echo, 03/11/2021

The show follows the professionals who rescue, treat and protect the animals of the Arctic. Arctic Vets was filmed from September to November, when two units travelled north after testing negative for COVID-19. The show follows the staff and animals at Assiniboine Park Conservancy in Winnipeg, but also features the work of **Polar Bears International**, Wildlife Haven Rehabilitation Centre, and Manitoba Conservation's Polar Bear Alert Program, which safely relocates bears that come too close to town in order to avoid conflicts with the human population.

. . .

In Episode 2, **Polar Bears International** finds a rare set of healthy polar bear cub triplets heading to their winter hunting grounds with their mother, something that researchers say they haven't seen in decades. Rushlow said this incredible mom had kept all three cubs alive for the seven months that she had spent outside their den.



Arctic TV shoot offers career highlight



10 Charitable Fashion Brands HerCampus, 03/11/2021

1. <u>Ivory Ella</u>

Ivory Ella is a socially conscious and environmentally friendly brand that donates a portion of their profits to Save the Elephants, an organization dedicated to protecting elephants from the ivory trade and accelerating habitat and range loss that have put their populations at risk. Not only has this brand donated more than \$1.9 million to Save the Elephants, but it also supports other charitable organizations, such as the American Heart Association, Polar Bears International, and the Austin Area Urban League's current efforts to provide relief support to Texans following Winter Storm Uri.







Quark Expeditions Makes an Earth Day 'Polar Promise'

Leisure. Travel, 03/11/2021

Outreach and impact in polar environments:

- Collaborating on training and employment opportunities in the Arctic, such as the Inuit Cruise Training Initiative
- Continuing to invest in research partnerships and citizen science projects in the Arctic and Antarctic, in-kind and direct support of groups such as Polar Bears International and Penguin Watch



Quark Expeditions Makes an Earth Day
'Polar Promise'



Nora the Polar Bear arrives back at the Oregon Zoo KATU (CBS), 03/11/2021 (syndicated: *The Northwest Connection*)

The zoo is working with Polar Bears International, the U.S. Geological Survey and other partners on projects that will shed new light on how climate change is affecting polar bears in the Arctic. In 2011, Oregon Zoo polar bears became the first in the world to participate in voluntary blood draws — a significant advance that improves animal welfare, especially during veterinary treatment. Since then, the zoo has helped USGS researchers study how climate change is affecting the diets of wild polar bears and develop methods to remotely investigate how these predators are responding to the retreat of sea ice.





Winnipeg Free Press

Recognizing our community's finest Winnipeg Free Press, 03/08/2021

Robert (Bob) Williams is a founding member of the Assiniboine Park Conservancy and has served as chair and a board member of the Manitoba Board of Nature Conservancy of Canada. Bob is a proud member of Polar Bears International and is especially proud of his efforts to assist in the creation of the Assiniboine Park Zoo polar bear exhibit, Journey to Churchill. As an honorary colonel of the Fort Garry Horse Bob is currently working on a project to develop a park and memorial for Canadian Forces veterans who served in Afghanistan.

Newsweek

From the Arctic to Mars, These Women Made History During the Pandemic Newsweek. 03/08/2021

Two women and one (female) dog isolated in a remote trappers' hut for 16 months with 50 plus polar bears right outside their door. This is pandemic life for Sunniva Sorby and Hilde Fålun Strøm, the first women to overwinter in the high Arctic without men during the 2019–20 winter. These two citizen scientists resumed their "Hearts in the Ice" mission in Svalbard, Norway (140 km/87 miles from civilization) for a second winter, in an effort to bring climate change research to scientific and educational institutions, and inspire engagement around what each of us can do to do our part.

First Women to Overwinter in the Arctic Solo Svalbard, Norway







Newsweek

Why Two Polar Wonder Women Are Braving the Arctic Winter Alone—Again Newsweek, 03/08/2021

"It's a pretty extreme existence. And we came back for the second time simply because we felt like our voices are far more powerful from here. We do want to draw attention to a global issue but from a place where the heart is beating the fastest for both of us," Sorby tells Newsweek from a satellite phone in their hut in Svalbard.

As citizen scientists and polar ambassadors, their mission <u>Hearts in the Ice</u> brings attention to the place on the planet that's experiencing the most extreme shifts due to climate change. The world's northernmost archipelago, Svalbard, is the fastest-warming place on the planet. November had its warmest day on record in Svalbard at 9.4 C (49 F) and this year's sea ice minimum tied for the second-lowest extent on record, according to <u>NASA</u> and the National Snow and Ice Data Center.





Virtual Field Trips with Flipgrid Bits & Pieces. 03/09/2021

 Polar Bears International – Students can explore various topics, such as "Polar Bear Safety" and "Polar Bear Tracking," as well read about how climate change is impacting Polar Bears. Students interact with information via websites and watch short videos before reflecting on what they have learned and what they still wonder.







WIN THE LAST BEAR BOOK AND ADOPT A POLAR BEAR

Nat Geo Kids, 03/10/2021

THE PRIZE

To celebrate the release of The Last Bear, we're giving one lucky reader the chance to win a copy of the book plus, a cute, cuddly polar bear stuffed toy and the chance to adopt a real-life polar bear with Polar Bears International. Just answer the question below. Bear-rillaint!



SAN DIEGO COUNTY NEWS

San Diego Zoo Global renamed San Diego Zoo Wildlife Alliance on World Wildlife Day San Diego Country News, 03/05/2021

At the core of their commitment to the wildlife at the San Diego Zoo and Safari Park, the San Diego Zoo Wildlife Alliance is showing up as a strong partner and collaborator with a global network of nearly 200 leading and renowned conservation organizations, including Save the Elephants, Polar Bears International, U.S. Fish and Wildlife Service, Northern Rangelands Trust, and many others with a common goal of protecting the world's wildlife.







Zoo's Parent Organization Rebranded as San Diego Zoo Wildlife Alliance Times of San Diego, 03/03/2021

The Alliance is a partner and collaborator with a global network of nearly 200 conservation organizations, including Save the Elephants, Polar Bears International, U.S. Fish and Wildlife Service and Northern Rangelands Trust.

"Saving wildlife starts with people, and community involvement is key to successful conservation efforts," says Nadine Lamberski, chief conservation and wildlife health officer at San Diego Zoo Wildlife Alliance. "We share our expertise, learn from the experiences of our partners, and work together with local communities to develop the tools needed to safeguard biodiversity which is necessary for a healthy, thriving planet."

RANCH&COAST

San Diego Zoo Global evolves into the San Diego Zoo Wildlife Alliance Ranch & Coast. 03/04/2021

At the core of its commitment to the wildlife at the San Diego Zoo and Safari Park, the San Diego Zoo Wildlife Alliance is showing up as a strong partner and collaborator with a global network of nearly 200 leading and renowned conservation organizations, including Save the Elephants, Polar Bears International, U.S. Fish and Wildlife Service, Northern Rangelands Trust, and many others with a common goal of protecting the world's wildlife.



<u>Turtle Baby Boom: How Wildlife Collections is Saving Animals and Spreading Hope Thrive Global</u>, 03/01/2021

How Two Friends Found Their Mission

But the two friends haven't limited the scope of their vision to just turtles. They have jewelry supporting <u>Save the Elephants</u>, which works within central Kenya and across 40 other countries to research and monitor elephant populations, and to curb ivory poaching with help from the UN. They also work with <u>Polar Bears International</u>, the world's only conservation organization dedicated entirely to polar bears. Wildlife Collections' Elephant and Polar Bear jewelry also comes with an animal to track.







BEAR NECESSITY: UW-Stout grad, son help track polar bears

Leader-Telegram, 03/03/2021

The project moved out of the lab and into the field when testing began in December on bears in the western Hudson Bay area that were captured after wandering too close to Churchill.

"I am tremendously excited to take this science out of the lab and into the Arctic on wild polar bears," said Jon, who was forced to train conservation officers virtually on how to attach the trackers because of the COVID-19 pandemic. "This challenge really exemplifies the collaborative spirit, science and creativity that drives innovation at 3M."









International Polar Bear Day: Fantastic facts about the amazing animals BBC, 2/27/2021

If climate change carries on at its current rate, there will be "few" polar bears left in the Arctic by 2100, according to a study by Polar Bears International.

Dr. Steven Amstrup "found that moderate emissions reductions" would help polar bear numbers, but would be unlikely to prevent extinction in the Arctic.

Polar bears live on ice sheets and need this sea ice to catch their seal prey.

Sea ice that stays in the Arctic for longer than a year has been declining at a rate of around 13% per decade since satellite records began in the late 1970s.

Climate change is causing ice sheets to melt at an increased rate so the bears are forced on to land or other areas to find food, which is much harder for the species.

If the females do not get enough food they are not able to make enough milk for their cubs, which means fewer will make it to adulthood and overall numbers will drop.

International Polar Bear Day: Fantastic facts about the amazing animals

© 27 Feb 2021 Lost updated at 08:55





World Polar Bear Day: Six Fascinating Facts About The Giants of Arctic Weather Channel. 2/27/21

As per Polar Bears International, they move cross-wind to encounter new scents and turns upwind when they smell something interesting. Moreover, females, when they are ready to mate, excrete a pheromone smell through their paws, which is sensed by male polar bears. Overall, in the remote icy part of the world, a keen sense of smell helps these majestic polar bears to survive and thrive despite overwhelming odds.





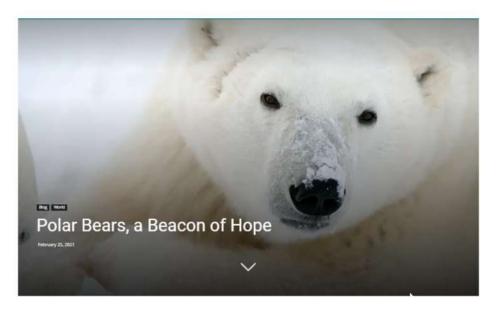


<u>Polar Bears and Low Emission Jets – Top 5 Happy Eco News – 2021-03-01</u> *Happy Eco News* - Newsletter, 03/01/2021

Thanks for reading the Happy Eco News Weekly Top 5 newsletter. This week we have a guest blog by Krista Wright, Executive Director at Polar Bears International who shines a light on the importance of protecting denning moms and cubs and International Polar Bear Day.

Polar Bears, a Beacon of Hope

Guest Post By Krista Wright, Executive Director at Polar Bears International









International Polar Bear Day draws attention to the changing climate The Weather Network, 02/27/2021

EXPERTS OPTIMISTIC ABOUT ARCTIC CONSERVATION

International Polar Bear Day, which falls on Saturday, February 27th this year, draws attention to the uncertain future that polar bears are facing in the Arctic. Polar Bears International (PBI) is an organization that consists of conservationists, scientists, and volunteers that use their "inherent optimism" and passion about the environment to ensure the long-term survival of polar bears and their habitats.

"We founded the day to coincide with the time period when polar bear moms and cubs are snug in their dens. As part of our celebration, we focus on the need to protect denning families across the Arctic. This year, we're launching a campaign to fund the development of a new tool to find and map den locations to make sure moms and cubs aren't disturbed. By protecting dens, you'll protect cubs, helping to ensure their future," PBI states on their website.







International Business Times

International Polar Bear Day 2021: Quotes To Raise Awareness About The Marine Mammals International Business Times, 02/27/2021 [photo credit]



Polar bears are on a glide path towards extinction, according to a recent study. \hat{A} INTERNATIONAL / Kt MILLER)

(Photo: POLAR BEARS

CelebrateFamily.us Family Friendly Fun in the SF Bay Area

<u>Upcoming Events for March</u> Celebrate Family, 2/26/21

Saturday, Feb 27th is Polar Bear Day! To celebrate here is a <u>POLAR BEAR WORD SEARCH</u>. Other links for more polar bear fun and fun facts. <u>Adopt A Polar Bear | Polar Bear Coloring Book | Polar Bear Maze | Fun Facts about Mom Polar Bears</u>







<u>International Polar Bear Day: Only rapid emissions reductions can ensure the Arctic icons</u> survive beyond 2100

IceBlog, 2/26/21

Syndication: Eye on the Arctic

As more industry is moving into the Arctic, the areas where the polar bears den are coming under threat. A <u>recent study</u> showed that current surveys conducted by the oil and gas industry to locate and protect polar bear dens had been missing more than half the known dens. PBI experts are trying to improve ways of finding dens, including new radar technology. But the biggest threat to the Arctic's most famous residents comes from the warming climate. In a study published in <u>Nature Climate Change</u> in July 2020, (when I wrote an <u>earlier version of this post</u>), PBI and a team of scientists from leading universities worked out a time scale for when polar bear populations across the Arctic are likely to disappear due to sea ice loss from global warming. Until that point, there was not enough data to predict how much – or rather how little – time is left to save them from extinction.









International Polar Bear Day 2021

Twinkl, 2/26/21

The warming of the Arctic, and the devastating effect on the sea ice, is a massive threat to polar bears. To raise awareness of the issues the bears are facing, International Polar Bear Day is celebrated on February 27th each year, which coincides with the time of year when polar bear moms are protecting their vulnerable newborn cubs in a den built into a snowdrift. A few weeks after this date, the young cubs (which are typically twins, increasing the chance of survival through to adulthood) will emerge from their den with their mother.





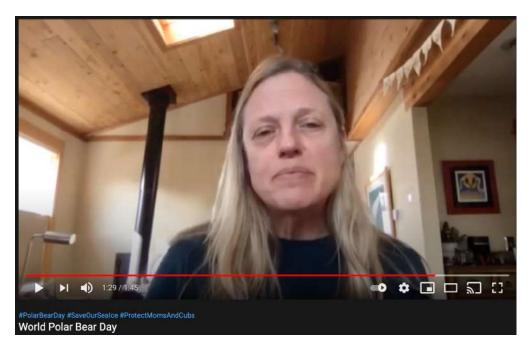




La odisea del osezno polar en sus primeros meses de vida: 'desnudo' a -40 grados 20Minutos (Spain Newspaper), 2/27/21

This story is based on data provided by scientists at Polar Bears International (PBI), an organization that studies the ecology and threats of polar bears and has followed Ursula closely for the past four years. This polar bear represents resilience and dedication. During the breeding process, female polar bears are extremely vulnerable and not all of them manage to complete it like Ursula. Experts warn that the high mortality of the offspring, of up to 50%, is causing a decline in populations linked to two fundamental factors. On the one hand, the lack of physical form necessary to complete the rearing of their puppies, and on the other, the lack of safe nests for their hibernation.











WITHOUT FUR AT -40°C: THE HARD LIFE OF A POLAR BEAR CUB Allies 4 Wildlife. 2/27/21

Consider donating to Polar Bears International on this World Polar Bear Day #PolarBearDay

Weighing just over half a kilo, Inuka was born with hardly any hair, a condition that makes him extremely delicate. From the den, his eyes will remain shut for the first month of life, ignoring the beauty of the Northern Lights that illuminates the permanent night of the Arctic winter. Inuka will not be able to move on his own during this period, making him easy prey for any predator walking by if it wasn't for Ursula, his mother.

Winnipeg Free Press

Honour thy polar bear

Winnipeg Free Press, 02/27/2021

These kings of the Arctic are not land-bound like other bears. "Polar bears are the only species of bear that depends on the ocean ecosystem to survive. Their life is tied to the sea ice and to the abundant world that blooms, swims and paddles beneath their paws," the website of Polar Bears International notes. It's not that they prefer living on sea ice; it's that they literally need the ice to survive. "A polar bear's hunting and eating patterns depend completely on sea ice. Why? Because seals depend on it — and seals are the only food source with a high enough fat content and enough calories to keep a polar bear healthy. Polar bears can only reach seals from the platform of sea ice. While they are good swimmers, catching a seal in open water is extremely challenging and unlikely."







CoachToursuk

The majestic polar bears of Yorkshire Wildlife Park were full of playful energy on International Polar Bear Day

Coach Tours UK, 03/01/2021

"International Polar Day is a time to celebrate these incredible animals and to focus attention on what is happening to them and the world because of climate change," said Kim Wilkins Carnivore Team Leader of the park at Branton, near Doncaster.

"Our work is hugely important in supporting the future of polar bears and the planet."

Project Polar has been a centre for research for more than five years as well as the ideal home for the bears who enjoy its Arctic tundra design with several lakes, rocks and caves. The Yorkshire Wildlife supports international conservation efforts. To support the invaluable work of Yorkshire Wildlife Park Foundation, which is based at YWP, and Polar Bears International please discover more and donate at www.ywpf.org.







Geeky.news

Global warming: towards the extinction of polar bears by the end of the century Geeky.news, 02/26/2021

"They must then catch enough seals to store enough fat and produce enough milk to feed their young throughout the summer fast.", explains to AFP Steven Amstrup, one of the authors of the study and chief scientist of the NGO Polar Bears International. "By estimating the maximum and minimum weight of bears, and modeling their energy expenditure, we calculated the limit on the number of fasting days a polar bear can withstand before the survival rate of adults and cubs begins to decline," adds Peter Molnar of the University of Toronto.





<u>Ice-carving competition at the NC Zoo to celebrate International Polar Bear Day</u> *WRAL*, 02/27/2021 [video]









Majestic Beasts of Arctic Wilderness: World Celebrates International Polar Bear Day Sputnik, 02/27/2021

27 February marks International Polar Bear Day, set up by Polar Bears International, a non-profit conservation organisation.

According to the organisation, the day coincides with the season when mother bears and their cubs are in their dens, which provide critical help for the newborn bears.

Polar Bears International intends to launch a campaign aiming to protect polar bear dens to make sure bear cubs are safe.

Animals of the Pacific Northwest

Today is International Polar Bear Day!

Animals of the Pacific Northwest, 02/27/2021

Started by <u>Polar Bears International</u>, today is an annual event that's celebrated to raise awareness about polar bear conservation. Climate change has made life for these iconic animals incredibly difficult and they've become the face of the negative consequences of global rising temperatures and melting ice.









<u>International Polar Bear Day</u> *Sweatpants* + *Coffee*, 02/27/2021

Give the gift of conservation. At <u>Polar Bears International</u> you can learn what you can do to help slow global warming in your own community. You can also donate to help save polar bears and keep them safe in their arctic home environment. Through symbolic adoptions of polar bear moms and cubs, your donations support research, education, and environmental action efforts.



<u>Celebrating The Beary Important International Polar Bear Day</u> CHEEZburger, 02/27/2021

If any of you love polar bears as much as we do and want to help with the conservation effort of these huge teddy bears, consider going to <u>Polar Bears International</u> and learning about them as well as donating to help <u>keep them safe and happy</u>. Have a beary happy polar bear day, everyone!







<u>Enjoying Polar Bears, Northern Lights, and Nature During the Pandemic</u> *Treehugger*, 02/25/2021

In honor of International Polar Bear Day (Feb. 27), we talked to Krista Wright, Polar Bears International's executive director, about the cam, the cubs, and the future of these much-loved bears.

Treehugger: What was the purpose of the Northern Lights Cam? Was it to see the lights or also to offer glimpses of animals and other nature?

Krista Wright: At Polar Bears International, our focus is on polar bears but we also work to inspire people to fall in love with, and care about, the Arctic. We've found that people who care about an ecosystem work to preserve it. The northern lights are incredibly beautiful--just like polar bears, they are a symbol of the Arctic. We launched the Northern Lights Cam in partnership with explore.org to share this wonder with the world and help viewers connect with this remarkable part of our planet.









Polar Bears, a Beacon of Hope

Happy Eco News, 02/25/2021 [Guest post: Krista Wright]

This year, the focus of our <u>International Polar Bear Day celebration</u> is on how we can protect vulnerable families in their dens, keeping them out of harm's way. Polar bear cubs are born in winter in dens hidden under the snow. Surviving an Arctic winter is no small feat, and denning is the most vulnerable time in a polar bear's life cycle, with survival rates of just 50 percent or less for many cubs. Research shows that the oil industry's current den-detection tool <u>misses more than half of known dens</u>, putting denning families at risk.

While we work to address climate change it is critically important that we protect denning moms and cubs as well—ensuring healthy populations of polar bears into the future. We encourage people to take part in our <u>Protect Moms and Cubs Challenge</u> — the donations will help Polar Bears International develop promising new technology, Synthetic Aperture Radar (SAR), to find and map den locations to make sure moms and cubs aren't disturbed. <u>By protecting dens, you'll protect cubs</u>, helping to ensure their future.



© Dymytro Cherkas / Polar Bears International







International Polar Bear day 2021: Check out what you can do to save polar bears Newsd, 02/26/2021

In 1973, the U.S, Denmark, Norway, and the former USSR signed the International Agreement on the Conservation of Polar Bears and their Habitat. The agreement regulated commercial hunting and the U.S. government classified polar bears as endangered. The non-profit organization Polar Bears International (PBI) was formed in 1994 and they made it their mission to establish action programs to protect the endangered polar bear.









<u>February 27 is Polar Bear Day: Ways to Celebrate And How To Help Toronto4Kids</u>, 02/24/2021

International Polar Bear Day

You can also donate to Polar Bears International who started the International Polar Bear Day movement on February 27. This date was chosen to coincide with the time period when polar bear moms and cubs are snug in their dens. As part of this celebration, the event draws attention on the need to protect denning families across the Arctic. More



February 27 is Polar Bear Day: Ways to Celebrate And How To Help

15 hrs ago









This Week In Conversation: Polar Bears And Climate Change WFPL. 02/24/2021

Our own Louisville Zoo is part of the effort to protect polar bears and educate the public about them. The zoo is a designated Arctic Ambassador Center for <u>Polar Bears International</u>, and is home to two polar bears, <u>Qannik</u> and <u>Lee</u>.

What do those adorable animals, and other endangered species, have to tell us about the issue of climate change and how we can be better custodians of planet Earth? The International Day of the Polar Bear is this Saturday, so this week we talk not just about polar bears, but about climate change in general, the connection to animals in danger of extinction, and how conservation impacts all communities.



North Carolina Zoo Presents Livestream Ice Carving Challenge Saturday, Feb. 27 Yes Weekly, 02/25/2021

The North Carolina Zoo will livestream <u>Better on Ice, An Ice Challenge Virtual EventSat.</u>, Feb. 27 in celebration of International Polar Bear Day. Tune in from 2 p.m. to 2:30 p.m. on the Zoo's Facebook page and watch as award-winning ice carvers compete with dueling chainsaws to carve animal ice sculptures in record time. The event is presented by North Carolina Zoo, North Carolina Zoo Society, Ice Occasions and Pepsi Bottling Ventures.







What is National Polar Bear Day?

National Polar Bear Day was created by Polar Bears International, an organization dedicated to the <u>conservation of polar bears</u>. National Polar Bear Day occurs annually on February 27, a day that typically falls during a time period when polar bear moms take care of their newborn cubs.



Environment Holidays Nature

What Is National Polar Bear Day?







Watch: Northern Lights Livestream

Coast to Coast AM, 02/23/2021 (syndicated on iHeart Radio)

A recently reactivated livestream from a camera stationed in Canada provides viewers with the chance to catch a glimpse of the famed Northern Lights as they appear in real time. Produced by the nature cam network Explore.org in conjunction with the **Polar Bears International** organization, the broadcast <u>reportedly</u> emanates from the Churchill Northern Studies Centre in the province of Manitoba. The location is considered a prime spot for observing the breathtaking Aurora borealis since it is situated directly below an area in the atmosphere which is particularly conducive to the phenomenon.

While daytime viewers will only see the blue sky above the Churchill Northern Studies Centre with the occasional cloud passing through, those watching the webcam in the evening could be treated to quite the show depending on the conditions at the time. The ideal window of opportunity for spotting the Northern Lights in action is, fortunately, during the months of February and March between 10 PM to 4 AM Eastern Time, when night descends over the facility and, more often than not, the sky comes to life with the vivid natural phenomenon.







FRONT LIVE

Polar bear populations could die out by 2100. Here are 4 things you can do this Polar Bear Day to help the species survive.

Front Page Live, 02/23/2021

Conservationists are spreading awareness on Feb. 27 to mark International Polar Bear Day. This year's focus is on polar bear moms and cubs. The educational opportunity arises at a time when mother polar bears and their cubs are denning across the Arctic. Polar bear cubs are born "extremely vulnerable." They are born blind with light fur and are approximately the size of a guinea pig, according to Polar Bears International (PBI). "The cubs and mom emerge from their dens in the spring, during which PBI conducts long-term den emergence studies in Alaska and Svalbard," PBI said in a press release.

PBI is the only nonprofit "dedicated solely to wild polar bears and their Arctic sea ice home." They have compiled two facts to know and four ways to help this Polar Bear Day.







MENTAL FLOSS

<u>Transport Yourself With This Northern Lights Livestream</u> *Mental Floss*, 02/22/2021

Since organizing an Arctic journey isn't feasible for everyone (or advisable to anyone during a pandemic), explore.org has partnered with Polar Bears International to bring us the next best thing: a northern lights livestream. The camera is set up at the Churchill Northern Studies Centre, located near the coast of the Hudson Bay in northern Manitoba, Canada. The institution is right below the "aurora oval"—the ring formed by aurora borealis, which means "northern dawn"—so it's a particularly prime viewing spot.

As The A.V. Club <u>reports</u>, you'll probably just see a blank expanse of sky above evergreen trees if you're watching during the day. Come nightfall, however, the northern lights will likely make an appearance. <u>According to Mashable</u>, that happens between 10:00 p.m. and 4:00 a.m. EST; and the ideal months to catch a show are February and March, when clouds are less likely to obscure it. But aurora borealis doesn't let up after that two-month window: Polar Bears International executive director Krista Wright told Mashable that the town of Churchill plays host to the lights more than 300 nights a year.

VIDEO

Transport Yourself With This Northern Lights Livestream

BY ELLEN GUTOSKEY

FEBRUARY 22, 2021



The northern lights in northwest Canada.





Underground Crafter

<u>Crochet Polar Bear Pattern: Polar Bear Pal</u> <u>Underground Crafter</u>, 02/22/2021

Ever since I was a kid, I've been fascinated by polar bears. They are just so beautiful to look at and seem highly intelligent and sensitive. Every year, Polar Bears International celebrates International Polar Bear Day on February 27 as a way to bring attention to the challenges facing polar bears due to climate change. This year, I decided to create a crochet polar bear pattern. My version of the Polar Bear Pal is not thrilled about the situation, so I made the mouth with a little underbite of annoyance. You can position yours differently if you'd like it to have a happier expression.

I'm delighted to share a crochet polar bear pattern today in early celebration of International Polar Bear Dayl You'll have plenty of time to make your own Polar Bear Pal before February 27.







Patch

Central Park Snow Bears Bring A Smile To New Yorkers Patch, 02/22/2021

In the same post, she made a plea for people to donate to Polar Bears International.

"Gorgeous!! Thank you for this! Such a delight to find in the park," a commenter on Hatry's Instagram wrote.

On one sculpture of a mother and cub, she placed a sign in front of the two bears reading, "Mommy, what's a carbon footprint?"









Central Park snow bear sculptures delight cooped-up New Yorkers New York Post, 02/20/2021

"They made lots of people smile, and I hope we realize that they need our help to survive the upcoming decades," Hatry wrote on Instagram.

In her post, Hatry made a pitch for donations to Polar Bears International and uploaded a photo of one of her sculptures.

In the snow, she had etched the words "Let us chill."

Central Park snow bear sculptures delight cooped-up New Yorkers

By Sara Dorn and Jane Ridley

February 20, 2021 | 6:56pm | Updated



Heide Hatry and her snow bears in Central Park near 86th Street.

J.C.Rico







The Whole World Must Unite To Save The Polar Bears WorldAtlas, 02/21/2021

<u>Polar Bears International</u> founded the International Polar Bear Day to celebrate the very existence of these majestic apex predators of the Arctic. The day also aims to create awareness about polar bear conservation. <u>February 27 coincides with the denning time of polar bears</u>. At this time of the year, polar bear moms and cubs remain in their dens in the Arctic snow. The newborn cubs are initially blind and weigh only about one pound. Their thin fur layers are no match to the Arctic winter. Hence, they are highly dependent on their mothers for warmth and nourishment during this vulnerable period. The International Polar Bear Day reminds us of these cubs and why the survival of each of them is critically important.

WorldAtias Continents Countries world Education social science

The Whole World Must Unite To Save The Polar Bears

0000



Polar bears are highly threatened by climate change. According to science, we would lose them by 2100.







POLAR BEARS LIVE ON THE EDGE OF THE CLIMATE CHANGE CRISIS Smithsonian Magazine, 02/18/2021

The air is harsh, dry, frigid. We huddle on the deck of Tundra Buggy One, a big-wheeled bus retrofitted for traveling over frozen ground and viewing polar bears. Geoff York, senior director of conservation for Polar Bears International (PBI), uses Buggy One as a roving research station. It's equipped with GPS, Wi-Fi and polar bear cams that beam live footage to classrooms around the world.

PBI monitors polar bears across the Arctic partly to determine the impacts of climate change on the behavior and physical condition of the animals as well as population trends. One program has tracked polar bears outfitted with GPS ear tags or collars that transmit locations to researchers to gain insight into the animals' movements. York says, "Our understanding of polar bear biology, ecology and behavior is critical for long-term conservation and can inform on-the-ground efforts like human-bear conflict management."







19pcic



Geoff York stands on the platform of Buggy One, near Churchill, Manitoba. A camera is mounted on the front of the vehicle, streaming footage to the public through the educational website Explore.org. (Neil Ever Osborne)



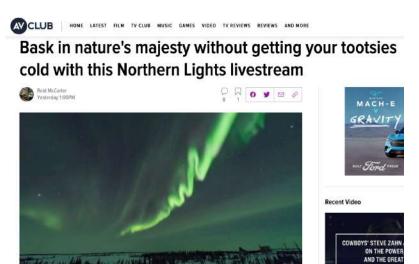




Bask in nature's majesty without getting your tootsies cold with this Northern Lights livestream AV Club, 02/18/2021 (syndicated: Yahoo)

The Northern Lights are currently at peak visibility and Explore.org, the same website that provides us with the annual Fat Bear Week, has set up a livestream that allows the entire world a chance to watch. Created with assistance from Polar Bears International and the Churchill Northern Studies Centre, the broadcast captures real-time footage of the skies above Churchill, Manitoba.

[UPDATE THURSDAY 2/18: Though we first published this story in 2020, the northern lights stream <u>is back</u>, which is great news for anyone out there who'd rather stare at serene sky videos than look at or think about anything else right now. This year, its organizers are also celebrating International Polar Bear Day (February 27) in connection with the stream by hosting <u>live events</u> that share educational material on climate change and <u>soliciting donations</u> for its polar bear habitat conservation efforts. We felt the polar bears could use our help, so we wanted to get this story in front of your eyeballs again.]









These Live Cams of Polar Bear Cubs Will Brrrring a Smile to Your Face Red Tricycle, 02/17/2021

Did you know that <u>International Polar Bear Day</u> is Sat. Feb. 27? This year <u>Polar Bears</u> <u>International</u> (PBI) is using the day to bring focus to moms and cubs with live chats, educational programming and lots of live cams.

Want to catch a glimpse of polar bears and the Northern Lights? The <u>PBI live cam</u> is now live in all its Aurora Borealis glory.

These Live Cams of Polar Bear Cubs Will Brrrring a Smile to Your Face





photo: ©Kt. Miller + Polar Bears International



Yorkshire Wildlife Park support charity appeal Coach Tours, 02/18/2021

YWPF, which is based at the park, has been working with Polar Bears International on projects for wild polar bears and also supports the IUCN Climate Change specialist group which is working with scientists worldwide to observe the effects of climate change on other species around the world. The studies will continue as scientists work out ways of protecting polar bears from global warming which has seen a reduction of their sea ice hunting and breeding grounds in all the 19 regions they inhabit in the Arctic.





Archynewsy

This polar bear is the happiest with snowfall in the US *Archynewsy*, 02/18/2021

The organization <u>Polar Bears International</u> He gives us some advice on his website to individually prevent these animals from disappearing, for example:

- Invite members of your social circles to adopt a sustainable lifestyle. Start with the example.
- Walk or bike as much as possible.
- Use solar or wind energy.
- Cook and buy only what you are going to consume and, if you can, eliminate meat consumption.



This polar bear is the happiest with snowfall in the US



WATCH: The Northern Lights Live Cam Is Back Up And Running! CJHK, 02/16/2021

So why not see if you can catch the dancing aurora borealis from the comfort of your own home. All thanks to Polar Bears International and <u>explore.org</u>, you can watch a live cam that is set up in Churchill, Manitoba. The location is directly under the aurora oval, making it one of the best spots to watch the northern lights.



Lenny K Photography / CC





I love the UPPER WEST SIDE.COM

The Cute Little Polar Bears of Central Park I Love The Upper West Side, 02/16/2021

"[The polar bears] made lots of people smile, and I hope we realize that they need our help to survive the upcoming decades," she wrote, plugging a donation link to polarbearsinternational.org









Artist Creates Delightful Polar Bear Snow Sculptures that also Highlight Climate Change West Side Rag, 02/15/2021

We've reached out to Hatry on what inspired her but have not yet heard back. Her <u>Instagram account</u> has some more details. "They made lots of people smile, and I hope we realize that they need our help to survive the upcoming decades," she wrote on one, encourgaing people to donate to <u>Polar Bears International</u>.

Artist Creates Delightful Polar Bear Snow Sculptures that also Highlight Climate Change

Posted on February 15, 2021 at 11:08 am by West Sider









<u>How You Can See The Northern Lights Live No Matter Where You Live</u> *Travel Awaits*, 02/13/2021

Instead, you can watch the northern lights from the comfort -- and warmth -- of your own home on this <u>live webcam</u>, located in Churchill, Manitoba, Canada, and run by Polar Bears International. The organization -- which includes scientists, conservationists, and volunteers -- is dedicated to studying wild polar bears.



DUNN COUNTY NEWS

Stout alum, son part of Canadian polar bear tracking project The Dunn County News, 02/12/2021

Traditionally scientists have used satellite collars to follow polar bears' movements. However, collars can only be placed on adult females, BJ said. Adult male polar bears' necks are as wide as their heads and the collars don't stay on. Young bears grow too quickly to be safely collared.

Transmitters could go on ear tags but require minor surgery and are permanently attached to the bears.

"My colleague Geoff York came up with the idea of making a tag stick," BJ said. "It was time for tech to move along."

BJ sent a polar bear pelt to his father at 3M headquarters in St. Paul. "I walked it out into the hallway and unfurled it on the floor and invited people to come see it," said Jon, who retired from 3M at the end of December. "They came out of the woodwork. It became a catalyst for me to engage other researchers in the project."







POLAR BEARS AS PATIENTS: CARING FOR ANIMALS AT HENRY VILAS ZOO

School of Veterinary Medicine (University of Wisconsin-Madison), 02/12/2021

International Polar Bear Day

Feb. 27 marks International Polar Bear Day, meant to build awareness for the conservation of polar bears. Polar bear populations in the wild are declining as arctic ice shelves shrink and the animals have fewer places to hunt.

The Henry Vilas Zoo partners with the nonprofit organization Polar Bears International to help save wild polar bears and the sea ice they depend on. The zoo will host an International Polar Bear Day virtual celebration Feb. 27, with details to be posted to the zoo's Facebook page.

"Our polar bears are great ambassadors for their wild counterparts," says Henry Vilas Zoo polar bear keeper Kristin Myers. "We work closely with Polar Bears International to help teach people about polar bears, climate change and how they can help wild bears."



International Polar Bear Day: Survival of Polar Bears in danger due to Arctic Melting *Krishi Jagran*, 02/10/2021

This is something that needs to be taken seriously due to the lack of time. The WWF and several other associations like European Federation for Trade and Environment, Polar Bears International etc have been fighting this issue for quite some time but still needs more care and attention. So it is high time for the global community to work together to protect this starving mammal and need to find some innovative greener solutions so that the carbon footprints can be reduced.





UW-STOUT

Burr on fur: Alum, son part of Canadian polar bear tracking project *UW-Stout*, 02/09/2021

When his son, BJ Kirschhoffer, director of field operations for <u>Polar Bears International</u>, contacted his father, an advance research specialist in the 3M Corporate Research Systems Lab, about needing a better way for researchers to track polar bears in the Arctic, 3M became the bearer of necessity and developed a number of prototype polar bear tracker tags to help the nonprofit organization.

Traditionally scientists have used satellite collars to follow polar bears' movements. However, collars can only be placed on adult females, BJ said. Adult male polar bears' necks are as wide as their heads and the collars don't stay on. Young bears grow too quickly to be safely collared. Transmitters could go on ear tags but require minor surgery and are permanently attached to the bears.



One tracking device model is a burr on fur design. / Photo courtesy of Polar Bears International



International Polar Bear Day: Survival of Polar Bears in danger due to Arctic Melting Krishi Jagran, 02/10/2021

This is something that needs to be taken seriously due to the lack of time. The WWF and several other associations like European Federation for Trade and Environment, Polar Bears International etc have been fighting this issue for quite some time but still needs more care and attention. So it is high time for the global community to work together to protect this starving mammal and need to find some innovative greener solutions so that the carbon footprints can be reduced.





Mashable

The live cam that shows you the emerald Northern Lights is back *Mashable*, 02/03/2021

The Northern Lights cam is located in Churchill, Canada, a place that often teems with polar bears (though <u>polar bear numbers there have plummeted since the '90s</u>). The conservation group <u>Polar Bears International</u> is headquartered in this remote town, and they help coordinate the live cam.

"There are over 300 nights of lights a year in Churchill," Krista Wright, the executive director of Polar Bears International, told Mashable last year.

"It's definitely really cool," Wright said. "You can get lights that are dancing and moving."



f y 🖪



MAGE: MADISON STEVENS / POLAR BEARS INTERNATION







Watch Live Footage of the Arctic's Magical Northern Lights ExpatGo, 02/04/2021

Having <u>started only last year</u>, Krista Wright, the executive director of Polar Bears International informed that, "There are over 300 nights of lights a year in Churchill."

"It's definitely really cool," Wright said. "You can get lights that are dancing and moving."

One of the reasons why the northern lights are best enjoyed in February and March in Churchill is because the town is located on the western shore of Hudson Bay, and local weather patterns contribute to the clearest nights during this season. The best times to watch the fascinating display of "ghostly" lights are generally from 10:00pm to 4:00am ET. (Churchill time is 14 hours behind Malaysia's, so that's 12:00pm to 6:00pm here in Malaysia.)







NARCITY

The Northern Lights Live Cam From Canada Is Back & You Might Even See Meteors Narcity, 02/03/2021

There's a <u>northern lights live cam</u> where you can watch the dancing aurora borealis from the comfort of your own home and there's a chance you might even see meteors.

The <u>stream</u>, put on by Polar Bears International and explore.org, is live once again.

The Northern Lights Live Cam From Canada Is Back & You Might Even See Meteors





Zoo will offer inside look at Nora's new stomping grounds Oregon Zoo, 02/03/2021

The zoo is working with Polar Bears International, the U.S. Geological Survey and other partners on projects that will shed new light on how climate change is affecting polar bears in the Arctic. In 2011, Oregon Zoo polar bears became the <u>first in the world to participate in voluntary blood draws</u> — a significant advance that improves animal welfare, especially during veterinary treatment. Since then, the zoo has helped USGS researchers study <u>how climate change is affecting the diets of wild polar bears</u> and develop methods to remotely investigate how these predators are responding to the retreat of sea ice.







White Bear Lake father-son team develops mechanical 'burrs' to hold trackers in place on polar bears

Pioneer Press, 02/03/2021

The Kirschhoffer family lived in White Bear Lake for all of BJ's childhood, surrounded by polar bear statues and images.

BJ graduated from White Bear Lake high school in 2001. He attended Montana State University and graduated with a bachelor of arts degree in photography. A connection with a wildlife photographer took him into the frozen world of the polar bear, where he's become much more than a photographer with Polar Bears International.

. . .

"Traditionally, scientists have used satellite collars to follow polar bears, but the collars can only be placed on adult females," said Geoff York, senior director of PBI. "Adult males can't be collared because their necks are as wide as their heads, and young bears grow too quickly to be safely collared."

As transmitters have become smaller, researchers have tested GPS ear tags and implants. But ear tags must be permanently attached, and implants require minor surgery. The devices designed by 3M represent a major potential step forward, York said. They could be used on all classes of polar bears and would allow scientists to obtain critical data with the least impact possible.

THINGS TO DO OUTDOORS

White Bear Lake father-son team develops mechanical 'burrs' to hold trackers in place on polar bears







We polar bases ambie across some newly forming ice and snow along the ahore of wednern Hudson Bay near Churchill, Manitoba. Jon Krischhoffer, a retreed 3M diameta, and his are, BJ Krischhoffer, the disease of fixed operations for Polar Bears International, have worked together to design develop a less-invisive publicans or basishing pair bears. (BL St Krischhoffer: polarbearinshamational long) Sign up for Newsletters and Alerts







Buffalo Zoo Must Make Good On Buffalo Bills Bet WYRK, 02/01/2021

In the meantime, the Buffalo and Kansas City polar bears and their zoos had a bet going on for the football game last weekend. The Bills were going to visit the Chiefs in Kansas City and the losing team had to make a donation to Polar Bears International.





Big Sky Ideas Fest panel discusses climate change Explore Big Sky, 02/02/2021

In the film, Steven Amstrup, chief scientist for Polar Bears International, says this occurrence of cannibalism, among other mannerisms of desperation, will only increase as the bear's ecosystem shrinks due to climate change.

"We can think of these bears as messengers," says Amstrup in the film. "It's a tragic message but these kinds of events unfolding in the arctic tell us what kinds of events are to come to all of us."



Zoo prepares to welcome back Nora the polar bear Oregon Zoo, 01/27/2021

The zoo is working with Polar Bears International, the U.S. Geological Survey and other partners on projects that will shed new light on the effects of climate change on polar bears in the Arctic. In 2011, Oregon Zoo polar bears became the <u>first in the world to voluntarily give blood</u> — a significant advance that improves animal welfare, especially during veterinary treatment. Since then, the zoo has helped USGS researchers study how climate change is affecting the diets of wild polar bears and develop methods to remotely investigate how these predators are responding to the retreat of sea ice.







<u>Celebrate EVERY Day - Bright Ideas, Fairy Tales & Four-Legged Friends</u> <u>Elegant Island Living</u>, 01/27/2021

Recognized since at least 2011, NATIONAL POLAR BEAR DAY, also known as International Polar Bear Day, on FEBRUARY 27 promotes learning about the polar bear and highlights conservation efforts.

Founding credit goes to Polar Bears International, and organization that sponsors educational challenges annually. Another massive animal, polar bears can reach a height of 9 feet and a weight of 1400 pounds. They have a warming layer of fat under their thick coat of insulating fur which helps them live in colder environments. Powerful swimmers with slightly webbed large front paws that act as paddles, some polar bears have been spotted swimming hundreds of miles from land. Admittedly, they may have floated on sheets of ice to cover some of that distance. Organizations use National Polar Bear day to raise awareness of the declining number of polar bears worldwide and the possible loss of their natural habitat due to global warming. Learn more about how you can help with conservation of endangered animals like the polar bear at worldwildlife.org.









KC, Buffalo zoos bet on weekend's game

KMBC - ABC, 01/22/2021

The losing zoo will donate to the group Polar Bears International, which helps polar bears survive. A recent study suggests that there are just 26,000 of them left in the wild.

The losing zoo will also provide their polar bears with fun enrichment for the winning team. Both zoos say the wager is to benefit and promote the well-being of polar bears.



Utah's Hogle Zoo to get new polar bear

KJZZ.com, 01/25/2021

Hogle Zoo has a partnership with <u>Polar Bears International</u> by contributing both funding and staff support to ensure the survival and preservation of the species.









NC Zoo Welcomes New Polar Bear, 'Payton' WUNC, 01/22/2021

The North Carolina Zoo is a member of a group of 40 zoos, aquariums and museums that are Arctic Ambassador Centers through a partnership with Polar Bears International.

NC Zoo Welcomes New Polar Bear, 'Payton'

By MITCHELL NORTHAM . JAN 22, 2021











Payton, a male polar bear, moved into the North Carolina Zoo on Friday, Jan. 22, 2021. CREDIT NORTH CAROLINA ZOO

North Carolina has a new resident that weighs more than 1,000 pounds.

His name is Payton. He is a polar bear.

Payton was welcomed to the North Carolina Zoo in Asheboro on Friday and the hope is that he'll meet - and make babies with - the zoo's female polar bear, Anana.





WINSTON-SALEM JOURNAL

N.C. Zoo welcomes Payton the polar bear to his new home Winston-Salem Journal. 01/22/2021

The North Carolina Zoo is among an elite group of 40 zoos, aquariums, and museums that are Arctic Ambassador Centers (AAC) through a partnership with Polar Bears International (PBI), the news release said. PBI is the leading polar bear conservation group in the world that works to conserve polar bears.

N.C. Zoo welcomes Payton the polar bear to his new home





Buffalo and Kansas City team-up for friendly zoo wager WKBW, 01/22/2021

If the Buffalo Bills win this Sunday against the Chiefs, the Kansas City Zoo will contribute to Polar Bears International. If the Chiefs win, the Buffalo Zoo will contribute to the same organization.

"Our team, like the rest of the community, here in Buffalo has Bills fever, and we can't wait for this weekend's matchup," said Buffalo Zoo President and CEO Norah Fletchall. "I know our colleagues in Kansas City feel the same way for their team. No matter the outcome, this friendly wager is a win for polar bears and another outstanding conservation organization."

Buffalo and Kansas City team-up for friendly zoo wager





Photo by: Buffelo Zo

APPRICATION







Buffalo Zoo makes friendly bet with Kansas City Zoo WIVB, 01/22/2021

BUFFALO, N.Y. (WIVB) — The Buffalo Zoo and the Kansas City Zoo are placing a friendly bet, where no matter what, a conservation organization will win.

Here's the stipulation: If the Bills beat the Chiefs this Sunday, the Kansas City Zoo will give a contribution to <u>Polar Bears International</u>. If the Chiefs win, the Buffalo Zoo will give a contribution.



Buffalo Zoo makes friendly bet with Kansas City Zoo











<u>International Polar Bear Day</u> *NJ Family*, 01/20/2021

With our partner, Polar Bears International, learn more about polar bears and what we can do in our everyday lives to help these amazing animals.

CALENDAR

International Polar Bear Day



Climate change is disrupting the Arctic eco-system as parts of the sea aren't freezing iNews, 01/10/2021



The environment is changing (Photo: BJ KIRSCHHOFFER/POLAR BEARS INTERNATIONAL/AFP/Getty)



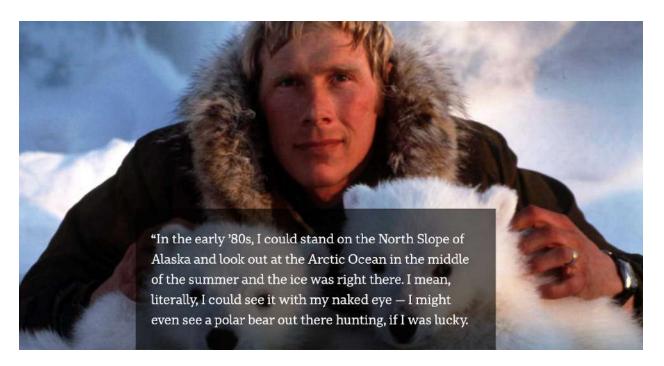


WABC

As the Arctic melts, a regime shift is taking place
Australian Broadcasting Company, 01/12/2021

Dr Amstrup says polar bears are so adapted to the sea ice world that when they come ashore during the ice-free summer period, they don't even bother to feed. Instead, they fast.

A bear on land will lose almost a kilogram of body weight per day, Dr Amstrup says, and as the ice-free summer period grows longer, the bears are having to fast for longer.





<u>Trump auctions Arctic refuge to oil companies in last bid against the environment</u> *ZME Science*, 01/08/2021

Environmental campaigners argue that the habitat is also crucial for polar bears, which are already struggling because of development in the area and rising temperatures that are melting sea ice. Polar bears numbers in Alaska and western Canada dropped 40% from 2001 to 2010, Steven Amstrup of Bolar Bears International, told The Guardian.





GIZMODO

<u>Trump Administration Issues Last-Minute Blows to the Arctic</u> *Gizmodo/Earther*, 01/06/2021



Polar bear cubs on the Arctic National Wildlife Refuge's coastal plain, where drilling leases will be auctioned off. Photo: Steven C. Amstrup/Polar Bears International





The Guardian

<u>Trump auctions Arctic refuge to oil drillers in last strike against US wilderness</u> *The Guardian*, 01/05/2021

Polar bear advocates say the habitat is also critical to a population in dire straits from development and rising temperatures that are melting sea ice. The Arctic is heating at a much faster pace than the rest of the world. Polar bear numbers in Alaska and western Canada declined 40% from 2001 to 2010, said Steven Amstrup, chief scientist for Polar Bears International.



