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Ask an Archivist Day

This 127-Million-Year-Old Fossil Links Dinosaur and Bird Evolution

Climate Change Kills Antarctica's Ancient Moss Beds

American Indian Reporter OCTOBER 2018 ISSUE

New Documents Expose Shell and Exxon's Secret 1980s Climate Change Warnings

Third death linked to Minneapolis homeless camp, raising tensions over drug dealers

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John E. Frank

Eloy "Cy" Thacker



This 127-Million-Year-Old Fossil Links Dinosaur and Bird Evolution

Smithsonian

The dino-bird hybrid boasts a stubby tail, clawed wings and sharp teeth [Read the full story](#)

Climate Change Kills Antarctica's Ancient Moss Beds

Victoria Gill, BBC

Gill writes: "That is according to a study of the small, ancient and hardy plants - carried out over more than a decade. This revealed that vegetation in East Antarctica is changing rapidly in response to a drying climate." [READ MORE](#)

American Indian Reporter

OCTOBER 2018 ISSUE

YOUR DIRECT DOWNLOAD LINK

<http://www.americanindianreporter.com/AIR-CurrentIssue.pdf>

New Documents Expose Shell and Exxon's Secret 1980s Climate Change Warnings
[Read the Article at the Guardian](#)

How Forbes Global 2000 Companies Are Undermining Climate Policy

Chloe Farand, DeSmogBlog: Nearly all of the world's largest 200 industrial companies have directly or indirectly opposed climate policy since the landmark Paris agreement was signed three years ago. New research highlights the key role trade associations continue to play in influencing policy-makers and watering down climate policy. [Read the Article](#)

The Oil Companies not only knew fossil fuels caused climate change, they knew how bad it would get.

Reader comment:

The callous cavalier disregard and huge abdication of responsibility on a planetary scale is ghastly.

If there were an alien agenda to capture this planet for whatever unknown resources in relatively short geologic time, this could be it.

Forfeiture of gain and properties doesn't begin to cover the vast incomprehensible damage wrought for lucre. The cost will be tabulated in millennia and more. The filthy rapacious desire for wealth and power is staggering. The stupidity unintelligible. The secrecy of this detailed knowledge is evil.

The exquisite pale blue dot is irreplaceable. Out of the billions of galaxies, trillions of stars and their planets, almost none resemble Earth.

This planet exists in a Goldilocks zone of variable constants incredibly finely tuned to create the myriad lifeforms that exist here. An environment to evolve into the astounding intricacy of the human brain.

Horrific travesty is too plebeian to describe this scale of ruin...

C.S. Lewis wrote that the earth is placed where it is to protect the rest of the universe from its influence... How is it that we are capable of Shakespeare, Greek sculpture, war, and ravenous fossil fuel destruction?

<https://m.dailykos.com/stories/2018/9/23/1797888/-The-Oil-Companies-not-only-knew-fossil-fuels-caused-climate-change-they-knew-how-bad-it-would-get?detail=emaildkre>

SUMMARY

Man-made carbon dioxide, released into and accumulated in the atmosphere, is believed to warm the earth through the so-called greenhouse effect. The gas acts like the transparent walls of a greenhouse and traps heat in the atmosphere that would normally be radiated back into space. Mainly due to fossil fuel burning and deforestation, the atmospheric CO₂ concentration has increased some 15% in the present century to a level of about 340 ppm. If this trend continues, the concentration will be doubled by the third quarter of the next century. The most sophisticated geophysical computer models predict that such a doubling could increase the global mean temperature by 1.3-3.3°C. The release of other (trace) gases, notably chlorofluorocarbons, methane, ozone and nitrous oxide, which have the same effect, may amplify the warming by predicted factors ranging from 1.5 to 3.5°C.

Mathematical models of the earth's climate indicate that if this warming occurs then it could create significant changes in sea level, ocean currents, precipitation patterns, regional temperature and weather. These changes could be larger than any that have occurred over the last 12,000 years. Such relatively fast and dramatic changes would impact on the human environment, future living standards and food supplies, and could have major social, economic and political consequences.

There is reasonable scientific agreement that increased levels of greenhouse gases would cause a global warming. However, there is no consensus about the degree of warming and no very good understanding what the specific effects of warming might be. But as long as man continues to release greenhouse gases into the atmosphere, participation in such a global "experiment" is guaranteed. Many scientists believe that a real increase in the global temperature will be detectable towards the end of this century or early next century. In the meanwhile, greater sophistication both in modelling and monitoring will improve the understanding and likely outcomes. However, by the time the global warming becomes detectable it could be too late to take effective countermeasures to reduce the effects or even to stabilise the situation.

The likely time scale of possible change does not necessitate immediate remedial action. However, the potential impacts are sufficiently serious for research to be directed more to the analysis of policy and energy options than to studies of what we will be facing exactly. Anticipation of climatic change is new, preventing undue change is a challenge which requires international cooperation.

With fossil fuel combustion being the major source of CO₂ in the atmosphere, a forward looking approach by the energy industry is clearly desirable, seeking to play its part with governments and others in the development of appropriate measures to tackle the problem.

[click to enlarge](#)

The full extent to which the fossil fuel industry, companies like *Shell* and *Exxon*, knew—as early as the 1970s—how their combustible products were contributing to irreversible warming of the planet, became public knowledge over the last few years. A [series](#) of painstakingly researched articles published in 2015

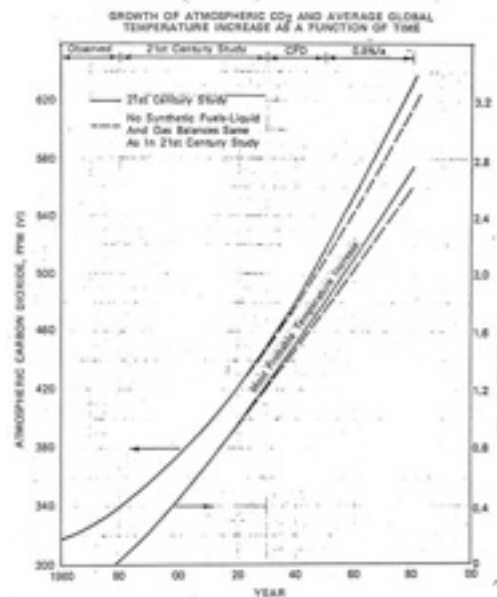
by the Pulitzer-prize winning *Inside Climate News* revealed an industry totally aware and informed for decades about the inevitable warming certain to occur as more and more carbon dioxide from the burning of fossil fuels was released into the atmosphere.

In fact, the oil industry, and Exxon in particular, had the best climate models available, superior to those relied on by scientific community. And armed with the foreknowledge developed through those models, Exxon and the other oil companies planned and executed an elaborate, cynical long term strategy: to invest hundreds of millions of dollars in a comprehensive propaganda effort designed to raise doubts about the existence and cause of climate change, a phenomenon they well knew was irrefutable, based on their own research. By 2016 the industry's lobbying to discredit the science of climate change had surpassed two billion dollars.

Meanwhile, as newly discovered documents reported in *The Guardian* attest, the same companies were preparing projections of what type of world they would be leaving for the rest of humanity.

In the 1980s, oil companies like Exxon and Shell carried out internal assessments of the carbon dioxide released by fossil fuels, and forecast the planetary consequences of these emissions. In 1982, for example, Exxon predicted that by about 2060, CO₂ levels would reach around 560 parts per million – double the preindustrial level – and that this would push the planet's average temperatures up by about 2°C over then-current levels (and even more compared to pre-industrial levels).

Shell's internal projections, made in 1988, were even more ominous, finding that CO₂ levels could double as early as 2030.



Exxon's 1982 internal projections of the future increase in carbon dioxide levels.

Shell's assessment foresaw a one-meter sea-level rise, and noted that warming could also fuel disintegration of the West Antarctic Ice Sheet, resulting in a worldwide rise in sea level of "five to six meters." That would be enough to inundate entire low-lying countries.

As it turns out, the Earth passed the 400 ppm mark in 2014, for the first time in 2.5 million years.

Both Shell and Exxon predicted devastating levels of sea-level rise, inundation of massive swaths of arable farmland and vast destruction of the planet's ecosystems. Shell specifically noted that "new sources of precipitation" would likely be required to compensate for the lack of renewed sources of fresh water. Exxon, not to be outdone, predicted that parts of the American Midwest would be transformed into deserts. The Exxon report, also hidden from the public, was leaked in 2015.

The Shell assessment (which was kept under wraps until it was leaked earlier this year) specifically warned that it was imperative for policy changes to be implemented immediately: "By the time global warming becomes detectable, it could be too late to take effective countermeasures to reduce the effects or even to stabilise [sic.] the situation."

In short, by 1988 Shell was not only aware of the potential threats posed by climate change, it was open about its own role in creating the conditions for a warming world.

As pointed out in the *Guardian's* report, neither Shell nor Exxon ever took responsibility for the destructive impact of their own products. The Shell report specifically placed the onus on governments and consumers to check their thirst for fossil fuels. As the *Guardian* article points out, that may have made sense except for the fact that both companies then chose to embark on a plan over the next three decades to deliberately disinform both governments and consumers regarding the role fossil fuels played in altering the Earth's climate:

Although the details of global warming were foreign to most people in the 1980s, among the few who had a better idea than most were the companies contributing the most to it. **Despite scientific uncertainties, the bottom line was this: oil firms recognized that their products added CO₂ to the atmosphere, understood that this would lead to warming, and calculated the likely consequences And then they chose to accept those risks on our behalf, at our expense, and without our knowledge.**

Put simply, these companies knew what was going to happen, calculated the risk to the future of humanity, then lied about their conclusions, all to protect their profits. Sitting in their boardrooms in the 1980's, they made a conscious choice to condemn the planet and its people, probably figuring that they would all be dead before the impact of their decision truly manifested itself. They were, quite literally, the men who sold the world.

A composite photo of the position and phases of the moon over 28 days, each photo taken at the same time each day at the same exact place.
(photo by Giorgia Hofer Photography in 2017)



Third death linked to Minneapolis homeless camp, raising tensions over drug dealers

Chris Serres, Star Tribune

A mother of eight children who was living at a large homeless camp in south Minneapolis died of an apparent drug overdose early Sunday, marking the third death in less than a month linked to the rapidly growing homeless camp near the Little Earth housing project

Pamela Rivera, 51, was found unconscious and alone in her tent early on Sunday, and a friend immediately began performing CPR, relatives said. Paramedics gave her 10 doses of Narcan, a drug that can reverse the effects of opioids, in her tent and in the ambulance on the way to Hennepin County Medical Center. She died there at 4:29 a.m. on Sunday, according to the Hennepin County Medical Examiner's office.

The cause of the death is still under investigation.

Despite an intensive outreach effort by American Indian and local health agencies, heroin and methamphetamine use remains common at the encampment and overdoses are an almost daily occurrence, residents and health workers say.

Natives Against Heroin, a street outreach group that has been patrolling the encampment, reacted swiftly and forcefully to the latest fatality. On Sunday morning, a dozen volunteers with the group marched through the encampment while pounding drums and shouting, "Shut it down!" They stopped outside three large tents that they said had been home to at least six people who were believed to be selling heroin at the camp.

Without warning, they ripped apart the tents, yelled "Get the [expletive] out!" and threw all the belongings in a giant pile at the center of the encampment. A small crowd gathered to watch and burn sage as sleeping bags, tarps, mattresses and camp chairs were hurled into the air, according to [a video of the incident posted on Facebook](#).

The incident revealed the growing tensions and frustrations among many inhabitants, who say groups of drug dealers are infiltrating the site and preying on vulnerable people struggling with substance-use problems.

"This is what happens when people die!" yelled Greg Franson, one of the leaders of Natives Against Heroin, as he angrily tore at one of the tents. "When people die, you gotta man up and take care of it."

James Cross, the founder of Natives Against Heroin, yelled, "You kill our people! You gotta go ... We're not messing around."

A few hours later, friends and relatives of Rivera gathered for a sacred ritual at a relative's home in the Little Earth housing complex nearby. They built a "spirit fire" in Rivera's honor using wood brought in carts from the homeless camp. As young women pounded ceremonial drums and chanted, four large eagles appeared in the sky above Little Earth and began circling the area in wide loops. Yolanda Rivera, 22, a daughter of Rivera, and others raised their hands toward the

eagles as the drums pounded. A spirit fire is a traditional ritual in American Indian communities that is believed to help a person's spirit join their ancestors after death.

A funeral ceremony is planned for Rivera at 1 p.m. on Saturday, Oct. 6th at the Pine Point School in Ponsford, Minn., on the White Earth Indian Reservation. Rivera is survived by five sons and three daughters, as well as seven grandchildren.

Chris Serres • 612-673-4308 Twitter: @chrisserrres

TRIBUTE HANDGAME

TOURNAMENT

October 12, 13, 14, 2018

Tribal Gym, Nixon, Nevada



IN MEMORY OF ~~RAY~~, JD & ROB DESOTO

SATURDAY

GIVEAWAY & TOURNAMENT

1ST Place \$5000

2nd Place \$2500

3rd Place 1250

Guaranteed



FRIDAY

BONEHAWG

\$50 Entry Fee

Registration 5:30—7:00 pm

Single Elimination

SATURDAY

DOUBLE ELIMINATION

TOURNAMENT

\$125 Entry Fee

Registration 12:00



SUNDAY

3-MAN TOURNAMENT

\$75 Entry Fee

Registration 12:00 — 1:00 pm

Single Elimination

For Raffle information & donations contact:

Rojean DeSoto

775)217-9924

For more information:

Roger DeSoto / Rashell DeSoto

775)200-4407 / 775)294-1805

OPINION: L.A. is reopening deep wounds from the California water wars in the Eastern Sierra By Los Angeles Times, 9/27/18

Before the 20th century, much of the Owens Valley on the eastern edge of California was uninhabitable swampland, which shows how much water the Sierra Nevada are capable of producing. Starting in 1913, the city of Los Angeles began draining the Owens Valley, resulting in the high, dry desert we have become.

Valli Brown

https://hoodline.com/2018/09/10-questions-with-new-district-5-supervisor-vallie-brown?utm_medium=email&utm_campaign=stories&utm_source=Hoodline+Mailing+List&utm_campaign=53203d9abd-daily-digest-09-27-2018&utm_medium=email&utm_term=0_e61dc2951f-53203d9abd-251396629

Guatemala Recognizes Mayan Ixil Genocide, but Absolves General

teleSUR

Excerpt: "A court in Guatemala declared that the army committed crimes against humanity and genocide against the Indigenous Mayan Ixil people during the dictatorship of Efraim Rios Montt, but determined that the accused chief of military intelligence Jose Mauricio Rodriguez Sanchez was not able to give orders at that time." READ MORE

Fond du Lac Indians are creating their own broadband provider

Chippewa band creates broadband firm to serve its reservation. <http://strib.mn/2lpw3Fv>

News from Scenic America

October 12 symposium in Salt Lake City open to public

Advocates of scenic beauty from around the country will convene for a "scenic symposium" at the Alta Club in downtown Salt Lake City on October 12 as part of the annual Scenic America affiliates conference.

The conference will celebrate the official launch of [Scenic Utah](#), the newest of Scenic America's 50 state and local affiliates. The symposium's theme, *Rediscovering our Scenic Roots*, reflects in part that Utah tourism officials marketed the state as the "Center of Scenic America" from the 1920s through the 1940s. Symposium presenters will make the case that promoting scenic values is more important today than ever before, and will encourage the state to re-embrace its former slogan.

[Click here](#) to learn more about the symposium and to register.

Scenic byways bill takes big step forward in Congress

Scenic America and our supporters celebrated a major victory on September 27 when the House Committee on Transportation and Infrastructure unanimously moved to pass H.R. 5158, a bill to revive the National Scenic Byways Program, on to the full House of Representatives.

The bill, sponsored by Rep. David Cicilline (D-RI), would direct the Secretary of Transportation to reopen the National Scenic Byways Program to new nominations. The program has designated 150 special roads around the country as National Scenic Byways since its inception in 1991, but the last round of designations occurred in 2009, and Congress pulled support for the program in 2012 transportation legislation.

H.R. 5158 is co-sponsored by Rep. Ted Poe (R-TX), Rep. Jamie Raskin (D-MD), Rep. David E. Price (D-NC) and Rep. John P. Sarbanes (D-MD).

[Click here](#) to learn more and take action in support of H.R. 5158.

Scenic America scores major victory on Land and Water Conservation Fund

Scenic America scored its second major Congressional victory in less than a week's time when, on October 2, the Senate Energy and Natural Resources Committee passed two bills: S. 569, the "Land and Water Conservation Authorization and Funding Act," and S. 3172, the "Restore Our Parks Act," by wide bipartisan majorities. Last week, Scenic America [celebrated the passage](#) of H.R. 5158, a bill to restore the National Scenic Byways Program, out of the House Committee on Transportation and Infrastructure.

Congressional authorization of the Land and Water Conservation Fund (LWCF) expired on September 30, but the forward progress of all these bills means the LWCF is closer than ever to being fully funded and permanently reauthorized.

Scenic America, as a member organization in the [LWCF Coalition](#), is advocating for full funding and reauthorization of the program and supporting other efforts to fund and improve our country's parks and public lands.

Scenic America [attended the recent](#) Congressional markups on two bills in support of the LWCF. H.R. 6510, also known as the "Restore Our Parks and Public Lands Act," is a bill to provide funding for the maintenance backlogs of the National Park Service, U.S. Fish and Wildlife Service and the Bureau of Land Management. H.R. 502 is a bill to permanently reauthorize the LWCF. Both bills were reported favorably to the full House.

Scenic America will continue to work with our allies in support of the program, but we need your help. [Click here](#) to contact your Members of Congress in support of the LWCF today!

Google AI: [Helping doctors prevent blindness in diabetics](#)

[Groundwater and the Colorado River](#) By Lori Pottinger, PPIC, 10/1/18 Like so many rivers, the Colorado is closely linked to groundwater. A US Geological Survey study found that more than half of the streamflow in the upper Colorado Basin originates as groundwater. We talked to Doug Kenney—director of the Western Water Policy Program at the University of Colorado and a member of the PPIC Water Policy Center research network—about managing groundwater in the basin. Kenney organized a conference in June that covered these issues in depth

[FAFSA Info Tabling with Nevada Money Mentors](#)

October 3 at 11:00 am - 1:00 pm PDT
[Joe Crowley Student Union \(10/2\) and Hilliard Plaza \(10/3\)](#)

It's time to fill out the FAFSA for the 2019-2020 school year! Come visit our table for more information and resources as it opens up October 1st! [Find out more »](#)

John E. Frank Jr.

August 26, 1924 - September 28, 2018



Viewing

Wednesday, October 3, 2018

4pm- 7pm

Walton's Chapel of the Valley

1281 N. Roop Street

Carson City, NV 89706

Celebration of Life

Friday, November 9, 2018

First United Methodist Church

212 N. Division Street

Carson City, NV 89703

In Lieu of flowers please make donation to the Carmelite Sisters at Carmel of Reno

Eloy “Cy” Thacker

September 26, 1938—October 1, 2018



A Celebration of Life
Saturday, October 6, 2018
1 PM (MST)
Human Development Center
Owyhee, NV

Burial at New Cemetery.

Feeding after burial at HDC backroom.

Any food donations are greatly appreciated.
Thank you for your prayers, thoughtfulness and friendships.