



A GLOBAL GATHERING AT FAIR PARK

EarthX2018

FRIDAY-SUNDAY • APRIL 20-22

THE WORLD'S LARGEST
ENVIRONMENTAL EXPERIENCE





A World of Good in Every Carton

Tetra Pak works hard to protect what's good – good for your food and drink, good for the environment and good for you.



Learn how choosing renewable, recyclable Tetra Pak cartons help protect natural resources and reduce climate impact.

Visit Tetra Pak in the
Automotive Building at EarthX

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MICHAEL S. RAWLINGS
Mayor of Dallas



April 20, 2018

As the mayor of Dallas, I have had the privilege of watching our city grow and evolve. It takes true leadership to accomplish change amid our current challenges. It also requires committed citizens and business people like conservationist Trammell S. Crow, who has tirelessly invested in what is now the largest event dedicated to environmental awareness in the world – EarthX.

At our treasured Fair Park, EarthX, formerly Earth Day Texas, shines a light on one of our city's most beloved assets. This three-day event celebrates progress, hope and innovation and is the largest event in the world of its kind. EarthX brings together environmental organizations, businesses, academic institutions, government agencies, speakers, interactive programming, and subject matter experts, along with live music and food pavilions. EarthX creates a fun and engaging atmosphere for thought and experiential learning while encouraging attendees to be the change they wish to see in the world.

This year, EarthX brings together local, national and international organizations and participants in specialized conferences and events such as E-Capital Summit, EarthxPolicy, EarthxOcean and EarthxFilm Festival. EarthX continues to establish Dallas as a city where innovation and entrepreneurship are celebrated and great things are possible.

We're calling on the leaders of our community to join us at EarthX to heighten your own understanding, join the conversation and support a Dallas home-grown mission that could change the world. There are dozens of great activities for people of all ages and countless opportunities to inspire.

Thanks to the generosity of Trammell S. Crow and the hard work of his team, admission to EarthX is free to much of the public. Please encourage your employees, families and friends to experience Earth Day with us on Friday through Sunday, April 20-22, and April 13-22 for EarthxFilm, in venues throughout Dallas. Details can be found online at EarthX.org.

Best regards,

Michael S. Rawlings
Mayor

Balance.

Committed to harmony between
aviation and the
environment



Meet the first carbon neutral airport in the Americas. When it comes to reducing our environmental impact, DFW International Airport is taking a balanced approach. By switching to renewable energy and implementing programs to use less of it, we have dramatically reduced our carbon footprint – and our energy costs. Beneficial results like these make smart business sense too. Far from finished with our decade-long efforts, we continue to seek out new ways to lessen our impact on the environment each year and set new industry standards.

Visit dfwairport.com/sustainability to learn more about our journey.



CELEBRATE EARTH DAY APRIL 13-22

EarthX2018

WELCOME TO EarthX2018!

On behalf of our team and the board of directors, we would like to personally welcome you to EarthX2018.

We’re gathering citizens, educators, businesses, nonprofits and global leaders at the world’s largest environmental exposition, conference and film festival — *right here in Dallas, Texas!*

Earth Day Texas has evolved to **EarthX** to take our connective abilities to a worldwide audience and create impact that will bring positive change for future generations.

EarthX2018 will be better than ever – a global gathering of epic proportions! We have many environmental and industry leaders attending this year along with representatives from over 15 countries, governors and cabinet members to dozens of public utility commissioners and governmental agency representatives.

We expect over 250 speakers including globally renowned explorer and oceanographer Dr. Sylvia Earle, former Secretary of State, James Baker, Colorado Governor John Hickenlooper and Presidential Blue Ribbon Nuclear Commission member Susan Eisenhower.

What would a celebration be without FUN? Find it around every corner of Fair Park – from environmental film screenings, virtual reality experiences, a scavenger hunt, yoga (even goat yoga!) to Outdoor Adventures complete with a 32-foot climbing wall, tree climbing and a scuba dive pool. An environmental art installation and music stage complete the Earth Day celebration.

At **EarthX**, discover wide-ranging acts of stewardship from innovative clean energy technology to programs that encourage recycling and pollinators. You can make positive changes in your everyday life that create big impacts for our planet and mankind. Take the idea of environmental stewardship from Earth Day to everyday.

We look forward to seeing you – with your help, together, we’ll discover SMART SOLUTIONS for BIG IMPACT!

EarthX2018 Admission

GENERAL ADMISSION \$5

EarthX2018 BUNDLE \$10 General Admission + Film Screening + Tiny House Village

Single Tiny House Village Ticket \$5

Free Admission Available:

- Register on the EarthX mobile app or EarthX.org
- Purchase a ticket to an EarthxFilm screening \$5 – Expo admission included
- Purchase a ticket to the Tiny Home Village \$5 – Expo admission included
- Under 18
- College Students with valid student ID
- Military/Veterans/First Responders
- Senior Citizens (55+)
- Academia

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EarthX2018 SPONSORS

INFLUENCER



STEWARD



MEDIA



PARTNER



EarthX2018 SPONSORS

ADVOCATE



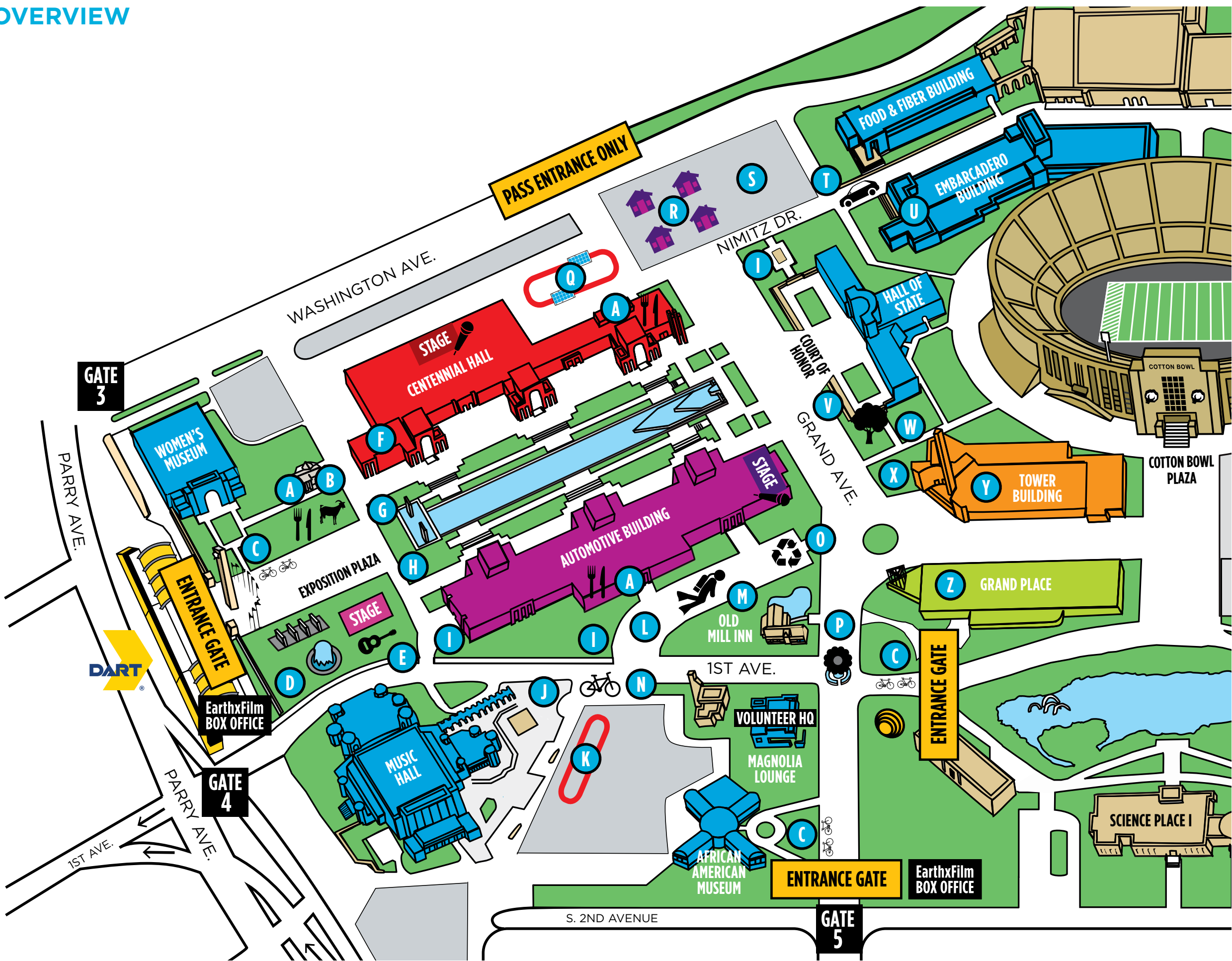
FILM & INTERACTIVE

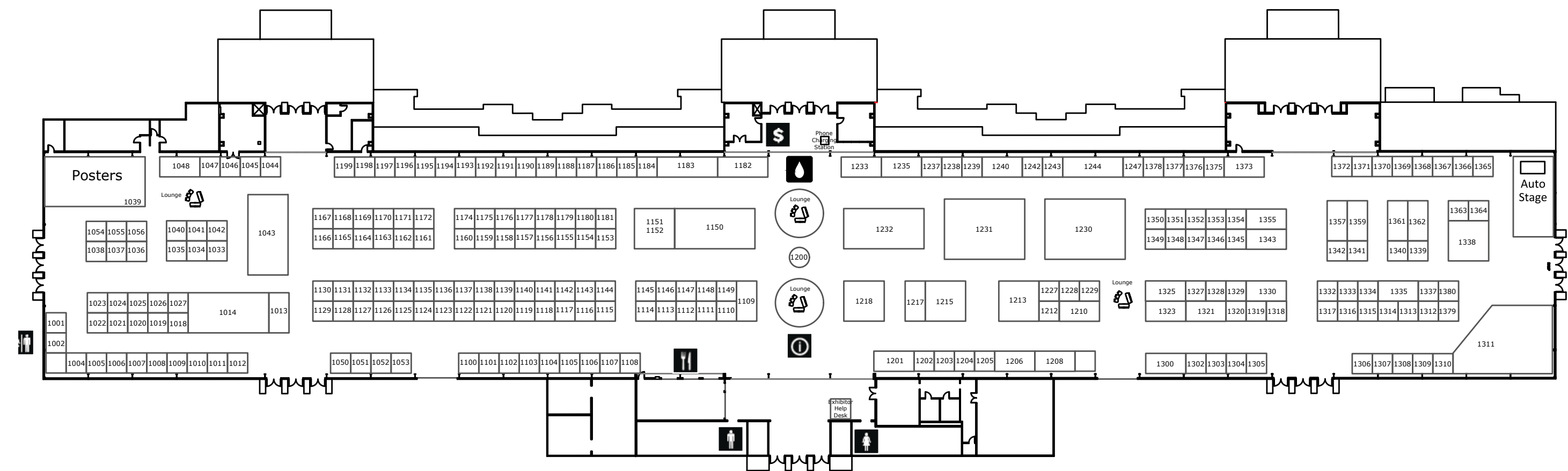


EarthX2018 EVENT OVERVIEW

EVENT PROGRAMMING

- A. EarthxEats
- B. Goat Yoga
- C. Bike Rack
- D. Vietnam Memorial
- E. EarthxMusic Stage
- F. Interactive Zone
- G. Yoga
- H. Tai Chi
- I. Petting Zoo & Horses
- J. Climbing Wall
- K. E-Bike Track
- L. Outdoor Adventures
- M. GoDive-Now Scuba
- N. BikeTexas Kids Kup
- O. Recycling
- P. Solar Flower
- Q. Solar Rollers & Solar Car Challenge
- R. Tiny House Village
- S. GreenPeace Hot
- T. Nissan Ride N' Drive
- U. EarthxHack
- V. Art Wall
- W. Tree Climbers
- X. Block Printing
- Y. EarthxEdu & EarthxKids
- Z. EarthxEco Auto Show



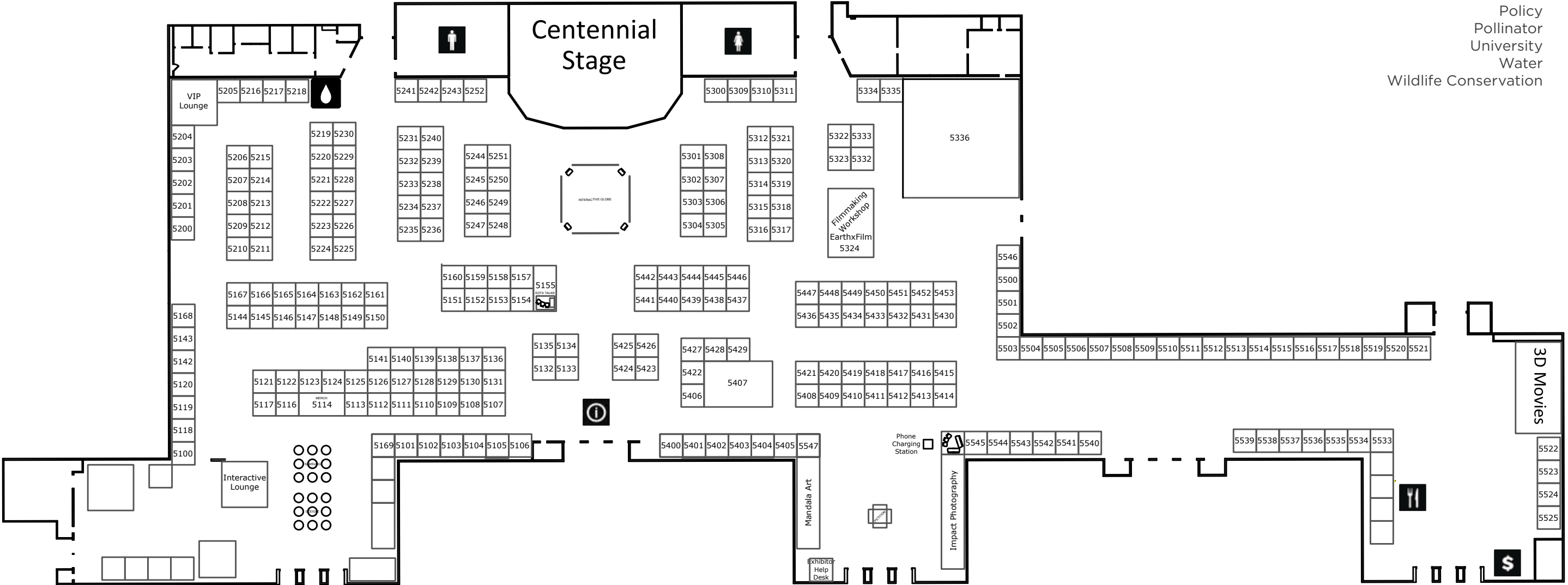


DEPARTMENTS

- Built Environment
- Cities
- Consumer Products
- E-Capital Summit
- Energy
- Home & Garden
- Incubator/Accelerator/National Labs
- Renewable Energy
- Transportation
- University
- Urbanism
- Waste & Recycling

DEPARTMENTS

- Agriculture
- Air/Climate
- Animal Habitat
- EarthxEats
- Environmental
- Forest/Rainforest
- Land Conservation
- Ocean
- Policy
- Pollinator
- University
- Water
- Wildlife Conservation



RIDE MORE. DRIVE LESS. BREATHE EASY.



DART is helping clear the air across North Texas:

- DART recycles 65 tons of paper annually, the equivalent of 1,110 trees per year.
- Our DART bus fleet is fueled with Compressed Natural Gas (CNG).
- DART buses use 8.7% less energy per passenger mile than a typical car.
- DART Light Rail trains have the same emissions as a golf cart.

Visit the DART booth at EARTHx to tour our new electric bus!

it's **DART**able!

EARTHx 2018 | Fair Park | Dallas
Friday - Sunday | April 20 - 22
Green Line to Fair Park Station



BIRD YOUR WORLD

Don't miss the fun in the **Cenntennial Building** as Audubon Texas celebrates **Year of the Bird** with **live birds** and activities.

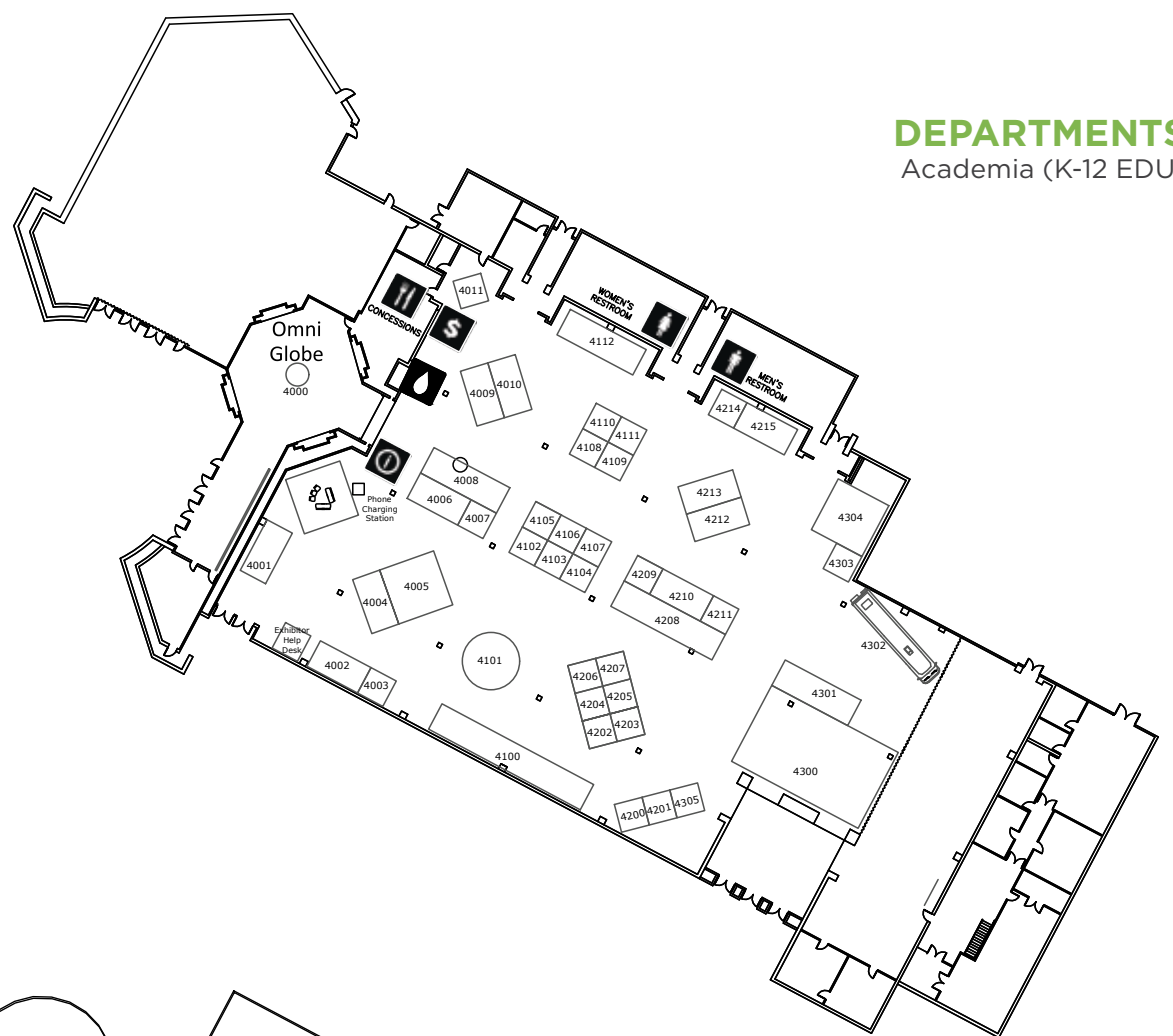
Find out how you can help build a better world for birds and people. Get a **temporary tattoo** while learning to attract birds using native plants and don't forget to enter the **free raffle** for a bird painting, created live at EarthX.

Audubon Texas is the state branch of the National Audubon Society, dedicated for over 100 years to conserving and restoring natural ecosystems, focusing on birds, other wildlife, and their habitats for the benefit of humanity and the earth's biological diversity.

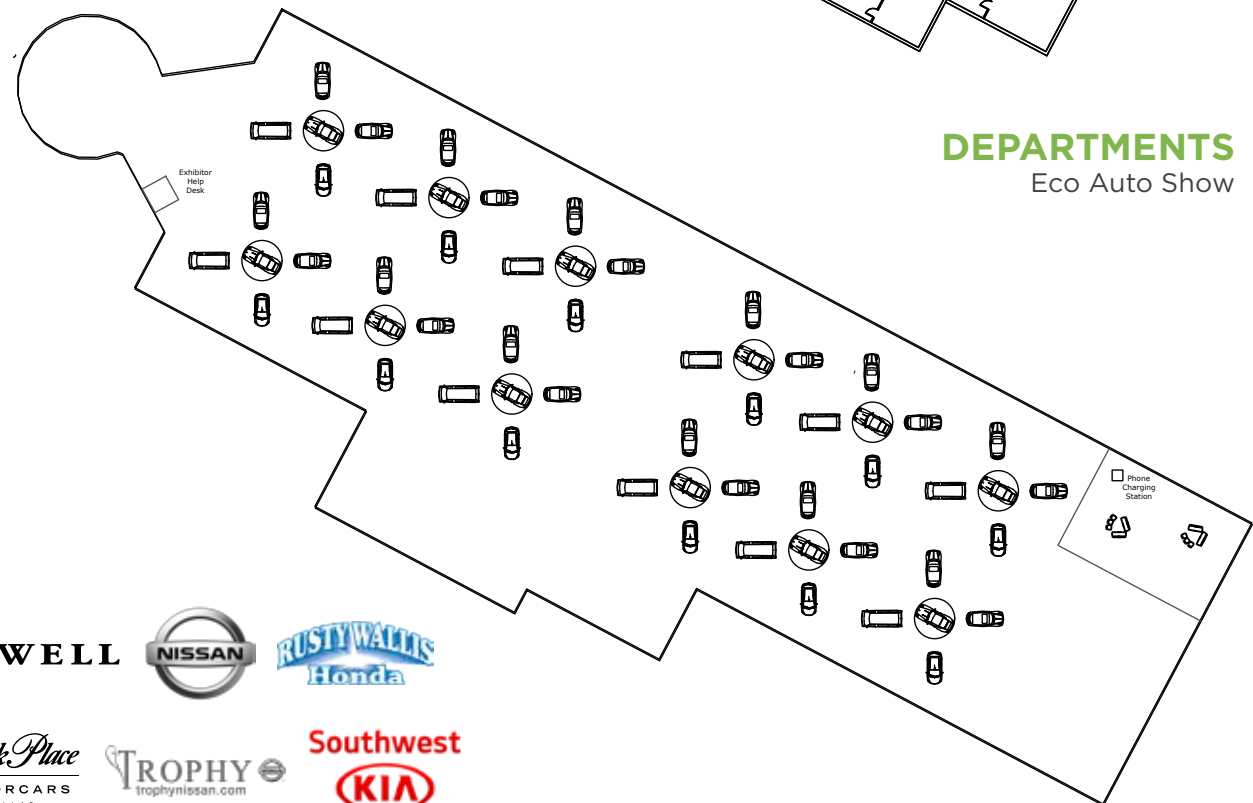


TOWER BUILDING & GRAND PLACE

DEPARTMENTS
Academia (K-12 EDU)



DEPARTMENTS
Eco Auto Show



EXHIBITORS: BY DEPARTMENT

ACADEMIA

4-H 5500
American Chemistry Council 1004
Arizona State University - LightWorks 1215
Big Thought 4302
Boy Scouts of America Circle Ten Council 229
Brookhaven College 302
Cedar Valley College 302
CityLab High School 4108
Compassionate DFW 4205
Dallas County Community College District 302
Dallas ISD - Emmett J. Conrad High School 4110
Dallas ISD - Environmental Education Center 4005
Dallas ISD - Food & Child Nutrition Services 4213
Dallas ISD - Hillcrest High School 4111
Dallas ISD - Preston Hollow Elementary School 4109
Dallas ISD - Seagoville High School 4301
Dallas ISD - Social Studies Department 4215
Dallas ISD - STEM Mathematics Department 4010
Dallas ISD - STEM Science Department 4009
Dallas ISD - STEM Urban School Wellness 4212
Dallas ISD - Sunset High School 4214
Dallas ISD - Trinidad “Trini” Garza Early College High School 4112
Dallas Paleontological Society 226
Dallas Public Library 5413
DISD - Student Engagement 4014
EarthxFilm 5324
Eastfield College 302
EcoRise Youth Innovations 4200
El Centro College 302
Fossil Rim Wildlife Center 5241
Frontiers of Flight Museum 4304
Girl Scouts of Northeast Texas 1149
Girlstart 4206
GPISD - Young Women’s Leadership Academy at Arnold 4303
Grand Prairie ISD - Lorenzo De Zavala Environmental Science Academy 4208
Grand Prairie ISD - South Grand Prairie High School 4102
Grand Prairie ISD - Stephen F Austin Elementary School 4104
Green Schools National Network 4007
Greenhill School 4006
Harmony Public Schools - DFW Cluster 4100
Jesuit College Preparatory School 4106
King’s College 5534
Lakehill Preparatory School 4211
Lancaster ISD - Lancaster High School 4008
Lewisville Lake Environmental Learning Area - City of Lewisville 721
Mountain View College 302
Museum at Prairiefire 5243
My Future Story 4202
My Happy Earth 4004
North Lake College 302
Omni Globe 1200, 4000
Outdoors Tomorrow Foundation 5214
Pegasus School of Liberal Arts and Sciences 4210
Perot Museum of Nature and Science 519
Richland College 302
River Ranch Educational Charities 706
Round Rock ISD - Round Rock High School 4209
Safari Ltd. 4203
Science on a Sphere (SOS) 5260
Solar Car Challenge 434
Solar Rollers 421
talkSTEM 4200
Tarleton State University 5516
Texas A&M University 1043
Texas Woman’s University 5518
Turning Point USA 5517
University of Georgia - ECOGIG 5100
University of North Texas - College of Engineering 1014
University of North Texas - College of Visual Arts & Design 1032
University of North Texas System 1013
University of Texas at Arlington - Department of Biology, Earth and Environmental Science and Sustainability 5119
University of Texas at Dallas - Geoclub 221
Ursuline Academy of Dallas 4105
WE.org 4207
Wylie ISD - George W. Bush Elementary 4107
Yale University - School of Forestry & Environmental Studies 5143

AGRICULTURE

4-H 5500
Accuro AgriServices 412
Agrica 5447
Bonton Farms 5544

Dallas ISD - Seagoville High School 4301
Dallas Public Library 5413
David’s Garden Seed 5503
Farm and Ranch Freedom Alliance 5415
Farmers Assisting Returning Military 422
GMO Free USA 5420
GROW North Texas 5414
Growpito Technologies 305
HomeBiogas 730
HydroShed 415
Intello Labs 1034
MicroLife 5412
Minyard Farms 5541
New Ukraine 5407
NFusion Technologies 1039
Omlet 228
Paul Quinn College 5408
Rent the Chicken 408
Riococo Worldwide 410
School of Permaculture 5505
Seeds of Change 5543
Slow Food DFW 411
Southern Methodist University - Hunt Institute for Engineering and Humanity 231
Texas A&M AgriLife - Dallas Research & Extension Center 520.1
Texas A&M University 1043
Texas Agrability 422.1
Texas Department of Agriculture 5451
Texas Farm Bureau 5336
Texas Hemp Industries Association 312
Texas HoneyBee Guild 5508
Urban Chicken 5539
USDA Natural Resources Conservation Service 5433
USDA Rural Development 1227
USDA- OSEC 5430
USDA-NRCS Fort Worth Federal Center 5513

AIR-CLIMATE

American Lung Association 5151
American Rainwater Catchment Systems Association (ARCSA) 1185
Carbon Coalition 1215
Center for Climate and Energy Solutions 5422
Climate Reality Project 5406
Compassionate DFW 4205
ConservAmerica 5206
Conservation International 5133
Dallas Democratic Forum 5302

EXHIBITORS: BY DEPARTMENT

Downwinders at Risk Education Fund 5401
Forest Nation 5147
Global Green USA 5437
Green Cross International - Brazil 5438
Green Cross International - France 5438
Green Cross International - Italy 5438
Green Cross International - Japan 5438
Green Cross International - Russia 5438
Green Cross International - Sweden 5438
Green Cross International - Switzerland 5438
Green Cross International - Ukraine 5438
Greenpeace 5424
The Explorers Club - Texas Chapter 5101

ANIMAL HABITAT

Agencia Verde- Mexico Azul 5105
American Wild Horse Campaign 703
Audubon Texas 5126
Bonobo Conservation Initiative 5160
Boy Scouts of America Circle Ten Council 229
Cheetah Conservation Fund 5157
Conservation Center for Species Survival - C2S2 5157
Dallas Paleontological Society 226
Dallas Safari Club 5209
Dallas Zoological Society 5231
Fossil Rim Wildlife Center 5241
Four Winds Interactive 5248.1
Great Whale Conservancy 5102
Harpseals.org 5111
Humane Society 5245
IAMWILD 5252
National Audubon Society 5126
Quail Coalition / Park Cities Quail 5219.1
River Ranch Educational Charities 706
San Benito Wildlife & Nature Center 5242
Sea Shepherd Conservation Society 5132
TCU - Rhino Initiative 5237
Texas A&M AgriLife - Wildlife & Fisheries - College Station 520
Texas Christian University - Institute for Environmental Studies 5236
Texas Native Cats 5230
Texas Parks and Wildlife Department 5166
The Urban Interface 5545
Thundering Hooves 704

Trinity River Audubon Center 5126
U.S. Fish and Wildlife Service - Southwest Region 5225
Wildlife Protection Solutions 5246
Window to the Wild 5124
Wings of Love Bird Haven 5514

ASSOCIATIONS & PROFESSIONAL ORGANIZATIONS

AARP 5205
American Chemistry Council (ACC) 1004
American Conservation Coalition 5217
American Rainwater Catchment Systems Association (ARCSA) 1185
American Society of Civil Engineers (ASCE) Dallas 1189
Dallas Paleontological Society 226
Evangelical Environmental Network 5523
Green Schools National Network 4007
Keep America Beautiful 1362
North Central Texas Council of Governments (NCTCOG) 1323, 1329
North Texas Association of Energy Engineers (NTAEE) 1191
North Texas Corporate Recycling Association (NTCRA) 1369
Republican Party of Texas 5251
State of Texas Alliance for Recycling (STAR) 1368
Texas Asphalt Pavement Association 1237
Texas Hemp Industries Association 312
Turning Point USA 5517
United States Green Building Council (USGBC) Texas 1183
Urban Land Institute (ULI) North Texas 1151

BUILT ENVIRONMENT

American Rainwater Catchment Systems Association (ARCSA) 1185
American Society of Civil Engineers (ASCE) Dallas 1189
Associa 1140
AZEK Building Products 1050
Beck Group 1176
Better Block Foundation 500
BioForm Design Group 1027
Bractlet 1039
Center for Maximum Potential Building Systems (CMPBS) 1027
Corgan 1180
CP&Y Inc. 1188

Crow Holdings Capital 1155
Crow Holdings Industrial 1155
Dallas 2030 District 1159
Daylight Rangers 1194
Dillard Associates 1184
Drever Capital Management 1153
Dyson Professional 1187
EnergyWise 1192
Fagin Partners 1193
Fridge Wize 1223
Fujitsu General HVAC Products 1186
General Datatech 1143
Halff Associates 1190
Helux Technologies 1036
Jozor Alshemal Construction Company 1347
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North Texas Association of Energy Engineers 1191
Oglesby Greene Architects 1174
Rainwater Management Systems 1184
RavenWindow 1026
Renewal by Andersen 1165
Sloan 1184
Texas PACE Authority 1158
The DREVER 1153
The REL Group 1186
Trammell Crow Residential 1155
United States Green Building Council (USGBC) Texas 1183
Urban Land Institute (ULI) North Texas 1151
Ventomatic 1186
Versacor 1161
Wall Homes 431, 1120

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Bastrop County 1335
City of Cedar Hill - Texas 5148
City of Dallas - Art4Dumpsters 729
City of Dallas - Aviation 1304
City of Dallas - Dallas Marshal’s Office 1313
City of Dallas - Department of Mobility and Street Services 1310
City of Dallas - GreenDallas.net 1316
City of Dallas - Marshal’s Office - Environmental Crimes Unit 1312, 728
City of Dallas - Mobile City Hall 727
City of Dallas - Office of Environmental Quality 1317

EXHIBITORS: BY DEPARTMENT

City of Dallas - Park and Recreation Department - Recreation Services Division 1314

City of Dallas - Planning & Urban Design Department 1302

City of Dallas - Storm Water Management 1315

City of Dallas - Urban Forest Advisory Committee 513

City of Dallas - Water Conservation - EEI 1307

City of Dallas - Water Utilities - Defend Your Drains 1319

City of Dallas - Welcoming Communities & Immigrant Affairs 1305

City of Dallas - Zero Waste 1379

City of Fort Worth - Environmental Department 1333

City of Fort Worth - Rethinking Waste 1334

City of Irving - Texas 1330

City of Toyahvale - Texas 705

Downtown Dallas, Inc. 1150

Keep Dallas Beautiful 1361

Keep Fort Worth Beautiful 1332

Keep Phoenix Beautiful 1362

Lewisville Lake Environmental Learning Area - City of Lewisville 721

North Central Texas Council of Governments (NCTCOG) 1323, 1329

COLLEGE & UNIVERSITIES

Arizona State University - LightWorks 1215

Borderlands Research Institute - Sul Ross State University 5224

Brookhaven College 302

Cedar Valley College 302

Dallas Baptist University 5535

Dallas County Community College District 302

Eastfield College 302

El Centro College 302

Green Corps 5536

King's College 5534

Mountain View College 302

North Lake College 302

Paul Quinn College 5408

Richland College 302

Southern Methodist University - Hunt Institute for Engineering and Humanity 231

Tarleton State University 5516

TCU - Rhino Initiative 5237

Texas A&M - Texas Transportation Institute 1112

Texas A&M AgriLife - Wildlife & Fisheries - College Station 520

Texas A&M University 1043

Texas Christian University - Institute for Environmental Studies 5236

Texas Woman's University 5518

UCross High Plains Stewardship Initiative - Yale 5168

University of Georgia - ECOGIG 5100

University of North Texas - College of Engineering 1014

University of North Texas - College of Visual Arts & Design 1032

University of North Texas System 1013

University of Texas at Arlington - Department of Biology, Earth and Environmental Science and Sustainability 5119

University of Texas at Dallas - Geoclub 221

Yale University - School of Forestry & Environmental Studies 5143

CONSUMER PRODUCTS

Amy's Chocolate Gifts 4305

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SIMPLE TRUTH

By 2050,
there may
be more
plastic in
the ocean
than
marine
animals.



CONFERENCES

E-Capital Summit*

E-Capital Summit Accelerate the Future

Thursday, April 19 and Friday, April 20

Briscoe Carpenter Center

The E-Capital Summit cultivates and convenes mission-driven investors, incubators, accelerators, researchers and breakthrough clean technology innovators from around the world to form partnerships having substantial, positive impacts on profits, people and the planet.

Speakers Include: Anya Chernef, Allison Archambault, Sandra Kwak, Victor Liu, Ben Gaddy, Chris Ripley, Eric Toone, Geoff Eisenberg, Jeremy Hux, John Hickenlooper, Kimberly Britton, Matt Price, Matthew Nordan, Melanie Nakagawa, Mitch Jacobson, Robert Steven Kaplan, Sarah Kearney, Jigar Shah, Dr. Martin Keller, Morgan Babbs

EarthxResponsible Oil & Gas+

Friday, April 20 • Briscoe Carpenter Center

Fellow oil & gas professionals and policymakers explore industry initiatives and technologies that support sustainability.

Priority Topics Include:

- Water Reuse and Recycling
- Innovation in the Oilfield
- Emissions Management
- Carbon Sequestration



Climate Resilient Cities Symposium+

Saturday, April 21 • 8:00AM-1:30PM • Fair Park Music Hall

This half-day program brings together 75 elected representatives, government officials and business, foundation and nonprofit leaders active in ensuring cities are proactive in addressing the challenges posed by climate change.

EarthX Bridge Summit*

Saturday, April 21 and Sunday, April 22 • Hall of State

BridgeUSA is hosting the Bridge Summit, an important gathering of highly influential business, political, civic, and student leaders philanthropists from across the political spectrum. The summit aims to bring together people from various backgrounds for the common goal of reuniting our democracy.

EarthxResilience*

Saturday, April 21 • Fair Park Music Hall

The purpose of the **EarthxResilience** summit is to host a roundtable discussion that culminates in a formal action plan detailing the green rebuild of targeted communities within Houston, Puerto Rico, and across the Gulf Coast. **EarthxResilience** will have the capability to re-establish vulnerable communities in a sustainable and resilient manner.



CONFERENCES

EarthxRecycling+

Thursday, April 19 • Briscoe Carpenter Center

In conjunction with Keep America Beautiful and Keep Texas Beautiful, **EarthX** is proud to partner to expand awareness for waste, littering and recycling. Environmental, recycling and community stakeholders come together for a series of conversations about ways business, government, NGOs and others can help consumers #BuyRecycled and #BeRecycled the day prior to the start of EarthX in Dallas.

EarthxPolicy: Energy Done Right*

Friday, April 20 and Saturday, April 21

Briscoe Carpenter Center

The Energy Done Right conference is the policy focused conference of EarthX. Bringing together politicians and industry leaders to discuss the latest in clean energy efforts across the country. The Conference goal is to provide a detailed cross-briefing on programs and policies that are currently underway in the energy sector. Each presentation will cover “real world” results and lessons learned that can be applied in other companies, and by other states.

Energy Done Right is an “all of the above” approach which recognizes the need to reduce harmful emissions from the US and global energy sector while strengthening the American energy sector and meaningful customer benefits.

The conference is framed by people inside federal and state regulatory agencies, and companies and utilities that are each advancing the cause of a more reliable, affordable, and cleaner energy future for the United States; with each - presentation providing a clear road map to a stronger, cleaner future.

Climate Compact of Texan Communities+

Friday, April 20, • Women’s Museum Meeting Room

Exploring the opportunity to launch the **Climate Compact of Texan Communities**, a network of Texas cities and counties working together to build capacity on clean energy and resilience through training, knowledge exchange, resource sharing and aggregating interests. Dozens of Texas community leaders will hear insights from leaders who have established similar initiatives around the country.





The biggest musical acts are coming to Dallas for a concert series like you've never seen or experienced—including Foo Fighters, Weezer, Niall Horan, Luke Bryan and many more. Come see the stars under the stars in an open-air venue without a bad seat in the house.

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CONFERENCES

EarthX Law & Policy[†]

Friday, April 20 • Hall of State

Public concern with environmental protection and compliance with environmental laws are key factors that affect the decision-making and behavior of the nation's business community. The Environmental Law & Policy Symposium—"Back to the Future" brings together leading legal scholars and subject matter experts from environmental organizations, business, academia, and the government for what is expected to be a lively discussion of fundamental issues with broad ramifications for those affected by and interested in sustainability and environmental law.

This symposium is a truly unique opportunity to hear a series of discussions of environmental thought leaders, with diverse perspectives, on legal issues relevant to charting a course for a future that is both protective and productive.

EarthxED50-Challenge*

Thursday, April 19 and Friday, April 20

Fairmont | Dallas

The Earth Day 50 Challenge is a collaboration between the world's most influential companies and environmental advocates to advance systemic solutions to our top global ocean, forest, and climate challenges by the 50th anniversary of Earth Day in 2020. Founded upon an unwavering commitment to civil discourse and mutual respect, which in today's charged political climate makes this challenge more necessary than ever. We draw together a fundamentally diverse community of leaders to meet challenges side-by-side, agreeing to set aside conflict or polarization.



* By Invitation Only

† Register for conference at earthx.org

EarthxOcean

EARTHxOCEAN EXPO • APRIL 20-22

EARTHxOCEAN CONFERENCE • APRIL 22, 8:30AM-4:30PM

EarthxOcean

Designed to increase awareness of the important roles oceans play in our daily lives, this exhibition and conference will stimulate greater corporate and government support to protect our oceans.

- **EarthxOcean Expo** – An exhibition at **EarthX** highlighting non-profits and cutting-edge ocean technologies having substantial, positive impacts on our oceans.
- **EarthxOcean Conference** – A conference in partnership with Mission Blue convening ocean thought leaders from around the globe to learn, connect and take action.



EarthxOcean Conference

EarthX and Mission Blue present **EarthxOcean Conference: No Blue, No Green!**, gathering world-renowned scientists, business leaders, nonprofits and government representative to address the inland connection to the ocean. Experts from around the globe will provide plenary sessions in the morning, and moderate breakout sessions in the afternoon to provide an opportunity to engage on critical ocean issues.

Notable Speakers



Dr. Sylvia Earle
Founder, Mission Blue
National Geographic
Explorer



Dr. Dawn Wright
Chief Scientist
Esri



Dr. Ved Chirayath
Research Scientist
NASA Ames
Research Center



Dr. Timothy Bouley
Climate Change and
Health Program Lead,
The World Bank



**Langston James
"Kimo" Goree VI**
International Institute for
Sustainable Development,
United Nations



Dr. Samantha Joye
Department of
Marine Sciences,
University of Georgia

About Mission Blue

Led by legendary oceanographer Dr. Sylvia Earle, Mission Blue is uniting a global coalition to inspire an upwelling of public awareness, access and support for a worldwide network of marine protected areas – **Hope Spots**. Under Dr. Earle's leadership, the Mission Blue team implements communications campaigns that elevate Hope Spots to the world stage through documentaries, social media, traditional media and innovative tools like Google Earth.



EarthxSolar

EARTHxSOLAR EXPO • APRIL 20-22

EARTHxSOLAR FORUM • APRIL 20-21

EarthxSolar

EarthxSolar is an exposition and B2B forum bringing together business, government, investors and academia to connect and make deals as we chart the future course of energy technology in the U.S. and around the globe.

- **EarthxSolar Expo** – Located in the heart of **EarthX** featuring exhibits from participating **EarthxSolar** entities.
- **EarthxSolar Forum** – Workshops at **EarthX** focused on breaking down barriers to further accelerate the mass adoption and deployment of solar, storage, and electric vehicle technologies.



Solar Rollers

See students test, race and try to win this solar-powered competition—reaching speeds of 25 mph—using the radio-controlled cars they designed through a unique STEM program at school.



Solar Car Challenge

Full-size, roadworthy solar race cars, designed and built by students who participated in one of the most engaging high school science programs available today, race for bragging rights. Test drive one yourself!



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SPEAKER SCHEDULE

FRIDAY, APRIL 20TH

AUTOMOTIVE DISCOVERY STAGE

10:00-11:00AM

Energy Empowerment. *Morgan Babbs, Founder/CEO, Colibri; Anya Cherneff, Founder & Executive Director, Empower Generation; Veronica Garcia, Founder & CEO, BitLumens; Allison Archambault, President, EarthSpark International; Moderator: Sandra Kwak, CEO & Founder, 10Power*

11:00AM-12:00PM

Innovations from the DOE's National Labs. *Paul K. Kearns, Argonne National Laboratory; Thomas Zacharia, Oak Ridge National Laboratory; Martin Keller, National Renewable Energy Laboratory*

1:30-2:30PM

Short Talks: Urbanism, Development & Density. *Jason Roberts, Better Block; Holly Reed, Texas Central Rail; Dr. Jorge Vanegas, Texas A&M*

2:30-4:00PM

Marine Hydrokinetic Technologies and the Future Marine Renewable Energy Industry. *James Dehlsen*

4:00-5:00PM

Electric Vehicle Town Hall Discussion, Facilitated by Oncor (Part 1). *TX Rep. Rafael Anchia; Dave Aasheim, Chargepoint; Ron Swanson, President, North Texas Electric Automobile Association*

5:00-6:00PM

Sustainable Sustainability - Renewable Energy. *Walid Halty*

CENTENNIAL DISCOVERY STAGE

10:00-10:30AM

A Conversation with Captain Paul Watson, Sea Shepherd Conservation

10:30-11:00AM

A Conversation with Sylvia Earle, Mission Blue

11:00-11:30PM

A Conversation with Danni Washington, Ocean Enthusiast & Science Filmmaker

11:30AM-12:00PM

Network of Texas Communities: *Mayor Ron Nirenberg, San Antonio; Mayor Dale Ross, Georgetown, Moderator: Dan Kreeger, Association of Climate Change Officers*

12:00-12:30PM

A Trip from Denton to Brazil and Back. How studying chemistry at TWU led to a better understanding of the world around us. *Skylar Wappes, Student at Texas Women's University*

12:30-1:00PM

The Earth's Favorite Careers. *Lois Melbourne, Chief Story Officer, My Future Story*

1:00-1:30PM

Update on Science. *Dr. RK Pachauri, POP (Protect Our Planet) Movement; Dr. Ash Pachauri, Center for Human Progress*

1:30-3:00PM

Short Talks: Delicate Balance - Humans & the Natural World. *Elias Cattán, Taller 13; John Rohe, Colcom Foundation; Suzanne Roy, American Wild Horse Campaign*

3:00-4:00PM

Collaborating for Climate Change. How can artists, scientists and politician work together to address the scourge of climate change. *James Balog, Earth Vision Institute; Max Holmes, Woods Hole Research Center; Moderator: Sarah Holbrooke*

4:00-5:00PM

Climate Change & the Impact on Agricultural Ecosystems. *Alizé Carrère, National Geographic Explorer & Cultural Ecologist; Dickie Brennan, Restaurateur; Judith McGeary, Farm and Ranch Freedom Alliance; Moderator: Mary Blackmon, Farm Star Living*

5:00-5:30PM

Where Environmentalism Has Gone Wrong in the Past Two Decades. *Benji Backer, American Conservation Coalition*

5:30-6:00PM

WA Conversation with Charlie Kirk, Turning Point USA

SPEAKER SCHEDULE

SATURDAY, APRIL 21ST

AUTOMOTIVE STAGE

10:30-11:30AM	Electric Vehicle Town Hall Discussion, Facilitated by Oncor (Part 2) <i>Ron Swanson, President, North Texas Electric Automobile Association</i>
11:30AM-12:30PM	GMOs Will Save the World: Synthetic Biology as a Tool for Sustainability.; <i>Dr. Erika Milczek, Founder & CEO, Curie Co; Dr. Sarah Richardson, Co-Founder, MicroByre; Julie Borlaug, Associate Director, Borlaug Institute External Relations, Texas A&M University; Moderator: Sarah Holbrooke, Pinhead Institute</i>
12:30-1:30PM	The State of Climate Science.; <i>Dr. RK Pachauri, POP (Protect Our Planet) Movement; Dr. Katharine Hayhoe, Climate Scientist at Texas Tech</i>
2:30-3:30PM	How Audubon is Changing the World; <i>Suzanne Langley, Executive Director, Audubon Texas; Greg Porter, City Manager, Cedar Hill; Dr. Kevin Sloan, Founder/CEO, Kevin Sloan Design Studio and UTA professor; Moderator: Angela Hunt</i>
3:30-4:30PM	Making Nuclear Cool Again; <i>Richard Muller, University of California at Berkeley; Moderator: Suzanne Jaworowski, U.S. Department of Energy</i>
4:30-5:30PM	45q: The New Carbon Economy Featuring a Special Screening of Carbon Negative <i>Bill Brandt; Zoe Weston; Samson Szeto; Julio Friedmann; Klaus Lackner</i> <i>Moderator: Chip Comins, American Renewable Energy Institute</i>

CENTENNIAL DISCOVERY STAGE

10:30-11:30AM	Managing Africa's Wildlife: Success stories in Africa and the value of science-based wildlife management. <i>Dr. Pat Condry, Fossil Rim; Dale DesFountain, DesFountain Safari; Chris Hudson, IWCC; Olivia Opre, World of Hunting Adventure; Dr. Michael Slattery, Professor, Texas Christian University; Moderator: Tom Opre, Firesteel Films, Inc.</i>
11:30AM-12:00PM	A Conversation with Sylvia Earle, Mission Blue
12:00-1:00PM	Wake Up and Smell the Carbon! —The Role of Mainstream News Media in Covering Climate and Environmental News. <i>Lisa Hymas, Media Matters; David Arkush, Public Citizen; Moderator: Betsy Rosenberg, Environmental Talk Show Host & Producer</i>
1:00-1:30PM	Hemp: Past, Present & Future in Texas. <i>Michael Bowman, Hemp for Victory; Coleman Hemphill, Texas Hemp Industries Association; Greg Flavall, Hemp Technologies Global</i>
1:30-2:00PM	Hemp: Changing Everyday Products for the Better. <i>Bruce Dietzen, Carbon Negative. Technology; Patricia Steward, CannaVision, The Dutchess of Hemp; Derek Cross, The Hemp Farm USA/ Hemp Healthy Today; John Patterson, Tiny Hemp Houses</i>
2:00-3:00PM	Wildlife Stewardship and the American Hunter: How the U.S. pays for wildlife conservation.; <i>Greg Sheehan, Deputy Director, US Fish & Wildlife Service; Corey Mason, Dallas Safari Club; Tom Opre, Firesteel Films, Inc.; Charlie Barnes, Rocky Mountain Elk/Texas Bighorn Society; Bryan Martin, Asian Mountain Outfitters; Joe Crafton, Park Cities Quail/Quail Coalition; Moderator: Craig Nyhus, Lone Star Outdoor News</i>
3:00-4:00PM	From Virtual Adventurer to Real Life Activist.; <i>Mike Libeck, National Geographic; Malvina Martin, Black Dot VR / National Geographic; Christophe Bailhache, Seaview 360</i>
4:00-4:30PM	A Conversation with Dru Johnson, The King's College

SPEAKER SCHEDULE

4:30-5:00PM	Peace, Love, and Bonobos: How an Ape Can Lead Us to a Better World.; <i>Sally Coxe, Bonobo Conservation Initiative</i>
5:00-5:30PM	#ZeroExtinction.; <i>Todd Lehman + Corey Lockman, Wildlife Protection Services</i>
5:30-6:00PM	A Convesration with Dr. Laurie Marker, Cheetah Conservation Fund

SUNDAY, APRIL 22ND

AUTOMOTIVE DISCOVERY STAGE

10:30-11:00AM	Trammell's Ten. Hear from a selection of the most innovative exhibitors in the Centennial Hall
11:00AM-12:00PM	Sinner's Corner: How Two Skeptics Became Converts.; <i>Richard Muller, University of California at Berkeley; Moderator: Mitch Hescox</i>
12:00-1:00PM	How Cities Are Addressing Climate Challenges.; <i>John Seydel III, Director of Sustainability, City of Atlanta; Eric Ledsinger, CEO, Quantifiable Ventures; Jerry Tinianow, City of Denver, Chief Sustainability Officer; Moderator: Richard Eidlin, American Sustainable Business Council</i>
1:00-2:00PM	Taming the Sun: Innovations to Harness Solar Energy and Power the Planet. Presented in Partnership with the World Affairs Council.; <i>Varun Sivaram</i>
2:00-3:00PM	Dallas Morning News Readers Respond to Climate Change

CENTENNIAL DISCOVERY STAGE

10:30-11:00AM	Trammell's Ten. Hear from a selection of the most innovative exhibitors in the Centennial Hall
11:00-11:15AM	Celebrating Green Cross's 25th Anniversary; <i>Nathalie Gysi, Green Cross International</i>
11:15-12:00PM	Global Green Journeys/PeaceBoat/Eco-Ship; <i>William Bridge, Global Green; Yoshioka Tatsuya, Peace Boat; Automotive Discovery Stage</i>
12:00-1:30PM	Short Talks: Oceans. Hear from a variety of ocean enthusiasts and experts. <i>John Hanke, CEO of Niantic</i>
1:30-2:30PM	After the Bond: What's Next for Dallas Parks.; <i>Bobby Abtahi, Dallas Parks & Recreation Board Chair; Harrison Blair, Dallas Parks & Recreation Board Council District 4; Veletta Forsythe Lill, Former Dallas City Council, Parks Advocate; Willis Winters, Dallas Parks & Recreation Board Department Director; Moderator: Robert Kent, Trust for Public Land</i>
2:30-3:00PM	A Conversation with Captain Paul Watson, Sea Shepherd Conservation Society
3:00-4:00PM	Virtually Connected: Human Rights, Environment and Education <i>Sophie Ansel; Ben Ross; Brittany Neff; Jamie Pallot</i>



SPEAKER SERIES

In the Green Speaker Series, expert speakers and panels talk about everything from electric cars to bee pollination. They share breakthrough innovations, practical home remedies, and how to begin building a sustainable future. Must-see speakers at EarthX2018 include:

David Arkush

David Arkush is the director of Public Citizen’s Climate Program. He has broad experience advocating for the public interest in the media and all three branches of government.

Elias Cattan

Elias Cattan founded Taller13 in 2001. Taller13 develops projects and designs that work as guide and model for our evolution towards a deeper and better relationship with our ecosystems.

Morgan Babbs

Morgan is the co-founder & CEO of Colibrí, Nicaragua’s first residential solar provider. Colibrí was recognized as an Exemplary Commitment to Action by the Clinton Global Initiative in 2016.

Benji Backer

Benji Backer is the founder and president of the American Conservation Coalition, an organization focused on pro-business and limited government environmentalism.

James Balog

James Balog is an acclaimed photographer featured in acclaimed documentary CHASING ICE, scientist, adventurer & President and Founder of the Colorado-based Extreme Ice Survey and Earth Vision Institute.

Michelle Bender

Michelle Bender is the Ocean Rights Manager at the Earth Law Center where she works towards promoting legal rights for marine ecosystems and species.

Natasha Benjamin

Natasha Benjamin has over 15 years experience working in ocean conservation, science and policy. As Policy & Outreach Director at Marine Applied Research & Exploration (MARE) she works on and using deep-sea research to inform ocean and fisheries policy.

Janice Bezanson

Janice Bezanson, executive director of Texas Conservation Alliance, has 35 years’ experience protecting rivers, forests, and wildlife habitats. Janice has successfully campaigned for state and federal wildlife areas totaling over 100,000 acres.

Mary Blackmon

Mary Blackmon, a fourth-generation farm owner from the ARK/LA Delta, began her career working in advertising in NYC, LA and Atlanta for magazines, and later internet companies. She created Farm Star Living in 2013 to celebrate farmers as stars.

SPEAKER SERIES

Michael Bowman

A passionate hemp advocate, Michael Bowman is a fifth-generation native of rural Colorado who has spent his adult life active in rural advocacy both nationally and internationally.

Melody Brenna

In recognition of her accomplishments, Melody was awarded the Top Small Business Person for both the West TX Region & State of TX, (SBA) in Washington D.C, Recently chosen By SheEO as one of 25 TOP Business Women 2017 USA

Dickie Brennan

Dickie is a third generation New Orleans restaurateur of the famed Brennan family. He continues to be an avid supporter of local farmers and fisherman.

Alizé Carrère

Alizé Carrère is a National Geographic Explorer and cultural ecologist researching and documenting climate change adaptation.

Anya Cherneff

After fighting human trafficking and modern slavery for over five years, Anya Cherneff decided to try a market-based approach to gender and development. Her experience includes Founder and Associate Director of the Human Trafficking Clinic and a Princeton-in-Asia fellow in Malaysia.

Maia Corbitt

Director of Government Affairs at Booth, Ahrens & Werkenthin, P. C., a law and lobby firm representing waste, water, and environmental concerns in Texas.

Sally Jewell Cox

Known as Mama Bonobo, Sally Jewell Cox has worked tirelessly for 25 years to protect bonobos, preserve the Congo rainforest, and empower indigenous communities as leaders in conservation.

James GP Dehlsen

Jim Dehlsen founded Zond Systems and Clipper Windpower, which were acquired by General Electric and United Technologies respectively. Recognition of Dehlsen’s work includes Power Engineering Top 10 most influential people over the past 25 years.

Heather Douglas

Being in the recycling industry for over 10 years, Heather is active in several local organizations including USGBC, BOMA, STAR North Texas, Keep TX Beautiful, Women in the Environment, Texas Product Stewardship Council and is the past president of the North Texas Corporate Recycling Association.

Phillip Dunning

Phillip is the Manager of Consulting Services at Drillinginfo. He has worked as an asset development engineer in the Appalachian Basin and as a Managing Director in an upstream private equity firm focusing on equity investments in unconventional plays and royalty/mineral acquisitions.



SPEAKER SERIES

Sylvia Earle

Sylvia Earle is an oceanographer, explorer, author, lecturer, and National Geographic Society explorer-in-residence. Formerly chief scientist of NOAA, Earle is the founder of Deep Ocean Exploration and Research, Inc., founder of Mission Blue and SEAlliance, and chair of the Advisory Councils of the Harte Research Institute and the Ocean in Google Earth.

Susan Eisenhower

Susan Eisenhower serves as the Chief Executive Officer, President and Chairman of the Board of The Eisenhower Group, Inc. She is a nationally-recognized expert on Russia and energy issues, having spent two decades working on U.S.-Russia economic and political cooperation.

Steve Everly

Steve Everley is a Managing Director in the Strategic Communications practice at FTI Consulting. Mr. Everley served as an energy policy advisor to former Speaker of the House Newt Gingrich at the American Enterprise Institute and American Solutions, and he co-authored the energy chapter in Gingrich’s 2010 book, To Save America.

Greg Flavall

During a sabbatical in Australia as a guest of Her Majesty the Queen in 2005 Greg was introduced to Industrial Hemp—the “MIRACLE PLANT OF THE FUTURE”—and has been walking the talk ever since by building with only health based building materials.

Veletta Forsythe Lill

The former member of the Dallas City Council and long time community advocate has played multiple roles in the development of the cultural and physical city and the policy that has guided it.

Ben Gaddy

After finishing his PhD in Materials Science, Ben was awarded the AAAS Science and Technology Policy Fellowship in the Clean Energy Manufacturing Initiative, the Department of Energy’s manufacturing think tank.

Veronica Garcia

CEO/Founder, Veronica Garcia has been an investment consultant at Credit Suisse and UBS. Her academic publications focused on renewable technologies, economic tools for carbon mitigation and quantifying investments to meet renewable energy country targets.

Brett Garling

Brett directs Mission Blue’s communications program as well as shoots video for the expeditions program. As the son of an original national organizer for Earth Day, Brett grew up in a family dedicated to preserving the integrity of our environment.

Cécile Gaspar

Cécile is a founder member of te mana o te moana, and the President, since its creation. A veterinarian, she completed a PhD in marine ecology and is also a senior lecturer for the EPHE (Ecole Pratique des Hautes Etudes).

SPEAKER SERIES

Vicki N. Goldstein

While working for the National Oceanic and Atmospheric Administration, Vicki N. Goldstein co-wrote the Monterey Bay National Marine Sanctuary Designation documents and served as NOAA liaison to the California Sanctuary sites.

Langston James “Kimo” Goree VI

Kimo is Vice-President of the International Institute for Sustainable Development (IISD), Director of IISD Reporting Services and United Nations Liaison.

Walid Halty

Walid Halty is an American philanthropist, entrepreneur, and best-selling author. He is the co-founder of Dvinci Energy, an international sustainable technology company.

Coleman Hemphill

In 2015, Coleman was voted Hemp Activist of the Year, at the Hemp Industries Association Conference. Coleman is a 7th generation Texan with deep roots in Texas ranching and agriculture.

Lisa Hymas

Lisa Hymas is director of the climate and energy program at Media Matters for America. Previously, she was senior editor at the environmental news site Grist, which she co-founded.

Suzanne Jaworowski

Suzanne Jaworowski is the chief of staff and senior advisor at the Office of Nuclear Energy at the United States Dept. of Energy.

Andrew Karetsky

Andy Karetsky founded Skyview Ventures in 2008. Skyview Ventures is a renewable energy finance, development and asset management company headquartered in Greenwich, CT.

Sarah Kearney

Sarah Kearney is the Founder and Executive Director of PRIME Coalition, a public charity that partners with philanthropists to place charitable capital into market-based solutions to climate change.

Paul K. Kearns

Paul K. Kearns is the director of the U.S. Department of Energy’s Argonne National Laboratory. He is responsible for guiding development and implementation of the laboratory’s strategic vision and leading Argonne to deliver outstanding performance in science and technology, operations, employee health and safety, and environmental protection.

Elena Keen

Elena Keen has spent the past 14 years involved in coastal zone management issues, taking an interdisciplinary approach through law and marine science. She recently completed her Ph.D. in Coastal and Marine System Science.



SPEAKER SERIES

Dr. Martin Keller

Martin Keller is the Director of the National Renewable Energy Laboratory and President of Alliance for Sustainable Energy, LLC.

Robert Kent

Robert Kent is the North Texas Area Director for The Trust for Public Land, a national non-profit organization that creates parks and protects land for people, ensuring healthy, livable communities.

Judith Kildow

Founding Director, National Ocean Economics Program (NOEP) (www.OceanEconomics.org), Research Scholar, Center for the Blue Economy, Middlebury.

Charlie Kirk

Charlie Kirk is the Founder and Executive Director of Turning Point USA, a national student movement dedicated to identifying, organizing, and empowering young people to promote the principles of free markets, and limited government.

Daniel Kreeger

Daniel Kreeger has a unique familiarity of climate change and sustainability initiatives being undertaken across the public and private sectors.. Kreeger co-founded the Compact of Colorado Communities with Aspen Mayor Steve Skadron and was engaged by the State of Maryland in 2018 to launch the nation’s first state administered climate academy.

Adena Leibman

Adena Leibman serves as Ocean and Natural Resources Counsel for U.S. Senator Sheldon Whitehouse, co-founder of the bipartisan Senate Oceans Caucus.

David Levine

David is the co-founder and CEO of the American Sustainable Business Council. ASBC is a growing coalition of business organizations and companies advancing market solutions and policies for a sustainable economy.

Mike Libeck

Mike Libeck is the consummate adventurer. With more than 45 expeditions to his name, he shows no signs of slowing down. Despite his creative expeditions, unwavering desire, and quirky demeanor, Libeck has remained on the fringe of the adventure world’s conscience.

Todd Lindley

Todd Lindley is the Science & Operations Officer at the National Weather Service’s Weather Forecast Office in Norman, Oklahoma. Lindley has authored numerous studies on Plains fire meteorology, and was recognized with the Department of Commerce Bronze Medal and National Oceanic and Atmospheric Administration Administrator’s Award for applying research on Plains fire to forecasts and warnings.

SPEAKER SERIES

Helen Lowman

Helen Lowman joined Keep America Beautiful as President and CEO in May 2017 with more than 20 years of leadership experience in the areas of international diplomacy and development, youth engagement, environmental education, disaster resilience, global leadership, volunteerism, social justice and human rights.

Dr. Laurie Marker

Dr. Laurie Marker is one of the world’s leading experts on the cheetah. As Founder and Executive Director of Cheetah Conservation Fund (CCF), Dr. Marker’s bases her work in Namibia on a private 100,000-acre, integrated wildlife and livestock reserve.

Judith McGeary

Judith McGeary is an attorney, activist, and sustainable farmer. After seeing how government regulations benefit industrial agriculture at the expense of family farms, she founded the Farm and Ranch Freedom Alliance to promote common-sense policies for local, diversified agricultural systems.

James McGuire

James McGuire is the Managing Director of the City of Dallas’ Office of Environmental Quality. He leads OEQ in its mission to protect and improve the environment by guiding the City of Dallas in efforts on environmental compliance, pollution prevention, and continual improvement.

Tommy McGuire

Tommy McGuire is the president of Echo Environmental, an electronics recycling and data security company. Echo Environmental is an industry leader in maximizing residual value for clients and protecting their proprietary information, while emphasizing environmental responsibility.

Larry McKinney

Dr. McKinney is the Executive Director of the Harte Research Institute for Gulf of Mexico Studies at Texas A&M University Corpus Christi, leading an interdisciplinary team that integrates science, policy and socio-economic expertise to assure an economically and environmentally sustainable Gulf of Mexico.

Richard Muller

Richard Muller is an American Professor (retired) of Physics at the University of California, Berkeley and a faculty senior scientist at the Lawrence Berkeley National Laboratory. In 2010, he and his daughter founded the group Berkeley Earth aimed at addressing some of the major concerns of climate change mainly global surface temperature record.

Sara Nichols

Sara Nichols joined Keep Texas Beautiful in December 2017. As program director, she supports community affiliate members, executes KTB and KAB programs, and works to grow strategic statewide partnerships.

Beth Orcutt

Dr. Beth Orcutt is a Senior Research Scientist at the Bigelow Laboratory for Ocean Sciences in East Boothbay, Maine. Her research focuses on exploring the deep sea with robots and submarines to search for weird microbes.



SPEAKER SERIES

Rajendra Kumar Pachauri

Dr. Rajendra Kumar Pachauri is currently the Chief Mentor of the POP (Protect Our Planet) Movement and President of the World Sustainable Development Forum (WSDF). Dr. Pachauri is the former Chairman of the Intergovernmental Panel on Climate Change (IPCC). He is also the former Chairman and Founding CEO of the New Delhi-based The Energy and Resources Institute (TERI).

John Patterson

John Patterson has been researching sustainable living methods since the 1970’s. In 1997 John designed and built his own off-the-grid home complete with its own solar-based electricity plant.

Bob Perciasepe

Bob Perciasepe is an environmental policy expert. Currently President of the Center for Climate and Energy Solutions, a think tank ranked in the top 5 environmental think tanks globally.

Matt Rand

Matt Rand directs the Pew Bertarelli Ocean Legacy Project. He works with citizens, governments, and scientists around the world to protect and conserve some of the Earth’s most important and unspoiled marine environments.

Will Rayment

Will Rayment studied conservation of Hector’s dolphins for a PhD, and ecology of southern right whales for a post-doc. He now works as a lecturer in the Marine Science Department at the University of Otago, studying questions on abundance and distribution of marine megavertebrates, and applying the answers to conservation management.

Holly Reed

Holly Reed is the Managing Director, External Affairs for Texas Central Partners, LLC. Holly leads outreach, government relations and communications activities.

Christina Riesselman

Christina Riesselman is a paleoceanographer and 15-year veteran of Antarctic research. She has seven Antarctic and Southern Ocean expeditions under her belt, and has spent more than a year of her life at sea, using oceanographic research vessels as platforms to collect samples of the seafloor and the modern ocean.

Jason Roberts

Jason Roberts is the Founding Director of the Better Block Foundation.

John Rohe

John Rohe served as a U.S. Peace Corps Volunteer in the Philippines between 1972 and 1974. After graduating from law school in 1977, he practiced law in northern Michigan for 30 years before joining Colcom Foundation in 2006, where he serves as Vice-President of Philanthropy.

Mike Rosen

Mike Rosen joined the leadership team of Keep America Beautiful as senior vice president of marketing and communications in January 2015 and was promoted to Chief Marketing Officer in 2018.

SPEAKER SERIES

Betsy Rosenberg

Betsy Rosenberg is an award-winning national broadcast journalist and environmental media expert. She is a keen observer of how mainstream news outlets cover climate change and other ecological issues, and has dedicated her career to being a communications conduit between eco-innovators and general public.

Suzanne Roy

Suzanne Roy has dedicated the last 25 years of her life to to bettering the plight of animals and has worked to protect many different species. She leads the American Wild Horse Campaign, the nation’s leading wild horse advocacy organization.

Kristen Sarri

A native of Ann Arbor, Michigan, Kristen joined the National Marine Sanctuary Foundation as president and CEO in October 2016. She works to expand partnerships to protect America’s natural resources and ensure that the ocean and Great Lakes remain healthy for future generations.

Jigar Shah

Jigar Shah is a clean energy entrepreneur in creating market-driven solutions and eliminating market barriers to address climate change. Shah has recognized this as “Creating Climate Wealth.”

Michael Shellenberger

Michael Shellenberger is founder and president of Environmental Progress, coauthor of An Ecomodernist Manifesto, and co-founder of the Breakthrough Institute. In 2007, he received the Green Book Award and Time magazine’s “Hero of the Environment.”

Josh Silberg

Josh joined the Hakai Institute as the Science Communications Coordinator. The Hakai Institute and its affiliates study the coast of British Columbia and beyond from icefields to oceans. Now, Josh helps scientists share all sorts of coastal stories through blogs, videos, infographics, and the occasional poem.

Roger Sorkin

Roger Sorkin is the executive director of the American Resilience Project. His new project, Current Revolution, aims to unite the auto, utilities and defense industries around a common narrative designed to transform the grid with minimum pain and maximum prosperity. Roger currently serves on the Climate and Security Working Group at the Center for Climate and Security.

Drew Stephens

Drew Stephens has spent 25 years in the GIS Industry, primarily in Natural Resource applications of Esri products. He has supported a wide variety of projects in forestry, conservation, and maritime applications, and spent many years in start-up services and database design, as well as training and consulting services.

Patricia Steward

Patricia, “The Duchess of Hemp,” is a long time advocate of the Hemp Industry. She was the right hand woman of Jack Herer, the author of “The Emperor Wears No Clothes” which is widely acclaimed as having set off the resurgence of interest in hemp several decades ago.



SPEAKER SERIES

Dr. Jorge A. Vanegas

Dr. Jorge A. Vanegas is dean of the College of Architecture at Texas A&M University and research professor with the Texas A&M Engineering Experiment Station of the Texas A&M University System. Dr. Vanegas holds a degree in architecture from Universidad de los Andes in Bogotá, Columbia as well as Master of Science and doctorate degrees in construction engineering and management.

Danni Washington

Danni Washington is the co-founder of The Big Blue & You—a nonprofit organization dedicated to inspiring and educating youth about ocean conservation through the arts and media. Danni is a seasoned on-camera personality with Untamed Science and most recently, Ocean GEMS, a multimedia series that connects youth with marine scientist mentors.

Captain Paul Watson

Paul Watson is the founder of Sea Shepherd Conservation Society, an anti-poaching and direct action group focused on marine conservation and marine conservation activism. He was a founding member of Greenpeace, crewed and skippered for it, He promotes veganism, and a biocentric, rather than anthropocentric, worldview.

Chris West

Chris West has worked in the Western US on conservation of natural resources, land, water and wildlife for 25 years. Based in Denver CO, he oversees the Rocky Mountain Region for the National Fish and Wildlife Foundation (NFWF).

Maria Westerbos

Maria Westerbos is director of the Dutch Plastic Soup Foundation, a NGO focused on awareness raising and stopping the flow of plastic pollution to the environment. Plastic Soup Foundation started the Beat the Microbead campaign, which is now used in 44 countries.

Sandra Whitehouse

Dr. Sandra Whitehouse is a consultant who has served as an ocean policy advisor to multiple organizations and institutions, using her marine science expertise to advise clients on how to advance ocean health and sustainably develop coastal and offshore projects.

Gary Wilson

Gary Wilson is a veteran of more than 30 research expeditions to Antarctica and the Southern Ocean, where his efforts are focused on understanding how sea levels will rise from melting ice and how temperatures, ocean currents and the Southern Hemisphere Westerly Winds will adjust as the planet warms.

Brian L. Wolff

Brian L. Wolff is Executive Vice President, Public Policy and External Affairs at Edison Electric Institute (EEI), and is responsible for managing the Government Relations, Political and External Affairs, and Communications departments for the Institute. Mr. Wolff is also the Executive Vice President of the Edison Foundation.

SPEAKER SERIES

Tim Woodward

As Managing Director of Prelude Ventures, Tim has over 25 years of venture capital investing experience working with entrepreneurs who want to change the world. Tim currently serves on the Board of Directors for Allotrope, EnergySavvy, Heliotrope, MineSense, Powerhive, Encycle and Voltus, and has oversight for Prelude’s investments in QuantumScape and LevelTen.

Dawn Wright

Dr. Dawn Wright is chief scientist of the Environmental Systems Research Institute (aka Esri), a world-leading GIS software, services, and R&D company. As chief scientist, Dr. Wright aids in strengthening the scientific foundation for Esri software and services, while also representing Esri to the national/international scientific community.

Dr. Thomas Zacharia

Oak Ridge National Laboratory Director Dr. Zacharia is responsible for a diverse portfolio of science and energy research and development spanning fundamental research in physics, biology, and chemistry through clean energy; energy generation, distribution, and end use; and national security programs.

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LOOKING FOR MORE INFO?

dcccd.edu/EarthX2018



**Dallas County
Community Colleges**



EarthxEco Auto Show

The 2018 EarthxEco Auto Show marks an important stop for attendees to learn how smart solutions in transportation can make a big impact on our environment. We're making it fun for environmentally conscious consumers to see emerging technologies and the number of options available in the green auto market.

The EarthxEco Auto Show is the place to see cars for the future!

Featured Car Brands: Lexus, Infiniti, Subaru, Cadillac, GMC, Mini Cooper, Buick, Mercedes, Porsche, Volvo, Kia, Honda, Volkswagen, Nissan



SEWELL



2018 Lexus LC 500 Hybrid



2018 Nissan Leaf





Tree Climbers



Climbing Wall



GoDive Now



Goat Yoga



Wildlife Conservation

OUTDOOR ADVENTURES

The EarthxOutdoor Adventure Zone is the gateway for interaction, encouraging attendees to get outside and experience nature. Outdoor enthusiasts, old and new, are invited to experience a TON of fun exploring interactive outdoor demos that offer an opportunity to challenge themselves in a relaxed setting. Various demos include: Tree and Rock Climbing, Goat Yoga, Our Brand New EarthxE-Bike Test Track, Workshops, The Hammock Lounge and Scuba School in a Pool.

Outdoor activity encourages a deeper connection to nature and inspires new environmental advocates. Bring the whole family and learn where you can find opportunities to get outside in your own communities!

GoDive Now-Scuba - When's the last time you went scuba diving in Downtown Dallas?! Take the plunge and experience scuba diving with certified master divers at the "Go Dive Now - Scuba Pool". Wetsuits, fins, regulators and tanks are included. Don't forget your bathing suit!

32' Climbing Wall - Challenge yourself to climb the tallest rock wall in Texas!

Hammock Lounge - Need a break? Stop by The Hammock Lounge and find your peace with the help from our friends at REI. Om...

Tree Climbers - Join our sponsor, Arborilogical Services, for a real tree climbing experience

EarthxE-Bike Test Track - Demo the newest, greenest bikes on the market and take a spin on our completely redesigned test track!

Yoga - Brought to you by Dallas Yoga Center

Goat Yoga - Deep Ellum Yoga will be bringing Goat Yoga to all 3 days of **EarthX** at Fair Park!

OUTDOOR ADVENTURES

Tai Chi - Unify with your surroundings in these hour-long classes for the whole family!

EarthxKids - Presented by Once Kids, **EarthxKids** features customizable eco-bricks inspiring creativity.

Kids Kup - Bike Safety for Kids presented by Bike Texas

Petting Zoo - Get up close and personal with our furry friends!

EarthxPollinator - Join us and help generate greater citizen/civic support for pollinators and their habitats. Rub wings with leaders and innovators from around the world who will inspire others to help spread native pollinator habitat.



The Great Seed Bomb - Make seed balls using native wildflower seeds, compost and clay. This activity is fun, collaborative and helps spread habitat for pollinators like monarch butterflies and native bees!



Monarch Madness - See butterflies up close! Enjoy learning how to create your own butterfly garden at home, identify native milkweed plus other fun activities!

EarthxWildlifeConservation - Discover wildlife conservation nonprofits and advocacy groups working to drive positive solutions for animals through education and awareness.



April 2018

Welcome to EarthX!

As a former Governor of Texas and now Secretary of the U.S. Department of Energy (DOE), I'm pleased to join with you in celebrating progress, hope and innovation as we strive toward a brighter future for our Nation. Thanks to the power of innovation, we can both grow our economy and protect our environment, developing our abundant energy sources and driving toward a cleaner-energy future.

As you explore the world's largest environmental festival here at EarthX, we hope you'll stop by the DOE booths featuring some of our offices and world-class National Laboratories. You'll be in good hands and have the opportunity to meet our Science, Technology, Engineering, and Math (STEM) professionals, learn about jobs and internships with us, and discover DOE's work to build a stronger America.

To ensure the continued success of our mission, we're investing in STEM outreach and developing our future STEM workforce. That's why we started STEM Rising, a platform to highlight our life-changing STEM programs from Kindergarten through workforce development. Our programs are dedicated to inspiring, training, and equipping students and young professionals to pursue STEM careers and take on our top energy and national security challenges.

Individuals who study STEM and pursue STEM careers are placing themselves on an upward trajectory to lifelong success. STEM careers are high-paying, address the world's biggest energy, environmental, technological, and security challenges, and are needed in all business sectors.

I wish you enjoyment and success at EARTHx and hope you will join us in building a brighter future.

Sincerely,

Rick Perry

Rick Perry
Secretary of Energy



Inspiring Education through the Environment, Science, and the Arts



Steam Curriculum
TEKS-Aligned



Hands-On Learning
Field Trips



Professional Development
CPE/TEEAC Credits



Film Education
On-Site Workshops

About EarthxEducation

EarthX provides opportunities for students to explore sustainability, careers in STEAM fields, and leading programs from colleges and universities all over the world. Learn more at EarthX.org/Edu.

Student Field Trips

Friday, April 20, 10:00AM-2:00PM.

Interactive opportunities & special activations:

- STEAM-based hands-on learning
- Robotics & Technology
- Virtual Reality & Film Screenings
- Teacher-led walkSTEM tours with learning videos
- Filmmaking Workshops



Education at EarthX. How educators can be involved.

- Exhibit with a relevant STEAM project or school initiative
- Access online EarthX curriculum developed in partnership with Big Thought
- Earn CPE/TEEAC Credits on Saturday, April 21
 - Green Schools National Network Professional Development (6 Hrs)
 - EcoRise Youth Innovations Workshops (3 Hrs)
- **EarthxHack** - World's largest Green Hackathon for high school and college students
- DCCCD "Sustainable U"
 - From sustainable home building to purchasing renewable materials, learn ecofriendly tips and best practices for every day life
- Earn volunteer hours

WalkSTEM

WalkSTEM is a community outreach program created in partnership with the National Museum of Mathematics in New York. The program consists of free guided walks designed to engage elementary and middle school-aged children and their families in learning about how math and science are alive in the world around us all. Experience walkSTEM at Fair Park during **EarthX!**

Universities @ EarthX2018

Arizona State University LIGHTWorks • Dallas Baptist University
DCCCD presenting Sustainable U • University of North Texas System
Tarleton State Institute for Applied Science • Texas A&M University
University of Texas Environmental Science Institute • SMU Hunt Institute
University of North Texas College of Visual Arts and Design
Yale School of Forestry and UCross Plains Initiative • King's College





EarthxFilm Educational Mission

Using film and emerging media, **EarthxFilm** provides learners with tools to understand, shape and drive a sustainable future. This mission guides our educational initiatives and offerings during **EarthX2018** and year round.

Scavenger Hunt

Download the EarthX app and join in on the fun and educational interactive scavenger hunt. **EarthxFilm** stops include:

- **Dance with fIARmingos** - Where participants can dance with life-size flamingos using the augmented reality media.
- **Liquid Galaxy** - An immersive experience in which 3D models and 360 video allows viewers to interact and fly the world.
- **How to Make a Film Workshop** (see below for details).
- **Make Your Own Environmental EPSA Green Screen Experience** (see below on next page).

Filmmaking Workshops *Presented by KD Conservatory*

Hands-on filmmaking workshops explore the inner workings of making a film. Engage with professional filmmakers while using state-of-the-art camera, sound and lighting equipment. Workshops include:

How to Make a Short Film

Young filmmakers gain invaluable hands-on experience in narrative and documentary filmmaking guided by industry professionals. From story development to the big screen, topics include producing, directing, camera operation, sound recording and editing of short environmentally conscious films. This one-of-a-kind hands-on workshop is FREE to all ages.

Make a Film Using Tools You Already Have

Can you really make a quality film using your smartphone? Most people have access to tablets, smartphones or computers but don't have access to professional instructors. Participants will learn about video and editing features available on a smartphone, along with an introduction to fun tools and gadgets that enhance smartphone filmmaking.

Make Your Own EPSA Green Screen Experience

Presented by AVSD Productions and the Children's Art Foundation

Write and STAR in your very own Environmental Public Service Announcement (EPSA). On a green screen set, **EarthxFilm** and AVSD filmmakers will help you make your own short video about environmental issues surrounding Cities, Climate, Earth or Oceans. And, you'll get a link for your finished video to post on social media, or share with friends and family.

All workshop filmmakers and their families will be invited to attend a special screening of select films at the **EarthxFilm** Festival to be held Sunday, April 22 at 4 p.m. in the Hall of State Theater.

Workshop schedules available online or at the Workshop Booths.

Meet the Filmmakers

Throughout **EarthX**, the festival is sponsoring small informal group discussions with **EarthxFilm** filmmakers, producers and directors. Academy Award-winning filmmaker, Louis Psihoyos, is scheduled to stop by to chat with future filmmakers. His latest film *The Game Changers* screens Thursday, April 19 at 7:30 p.m. at the Wylie Theatre and Saturday, April 21 at 6 p.m. in the Hall of State Theater.

For a schedule please visit **EarthxFilm.org**.

Online Short Film Competitions

Competing for \$12,000 in prizes, teen filmmakers from around the planet were asked to make an environmental film in 60 seconds or less. A preview of select films from the spring challenge topic will be screened at the Angelika Film Center Dallas on April 14. Winners will be screened on Sunday, April 22, 4 p.m. in the Hall of State Theater.

Spring Challenge Topics

Filmmakers ages 12-16.

Strike Out Straws: Why should single use plastic straws be banned?

Filmmakers Ages 17-21. *Presented by The Oxygen Project.*

Don't Leave Me Breathless: Tell the untold story of phytoplankton.

Attend Our Awards Ceremony

Watch the winning short films from our Spring Online Film Competition on the big screen and applaud the winners as they receive their prizes, Sunday, April 22, 4 p.m. in the Hall of State Theater.

Strike Out Straws

EarthX and **EarthxFilm** are launching a year-round effort to Strike Out Straws during **EarthX2018**. One-third of the world's oceans are covered in plastic and in the U.S. we use 500 million plastic single-use straws every day. Help us turn the tide. Take the pledge to Strike Out Straws at **EarthxFilm.org**. Look for more information about this initiative throughout the festival and on our website.

In School Screenings - Filmmaker on Tour

EarthxFilm brings filmmaker Linda Booker to Dallas to host and screen her film *Straws* at local area schools April 2-6. Students discover how they can take action to become heroes for our environment. A downloadable version of *Straws*, along with a detailed lesson plan, will be available to schools, which will have the ability to download for a heavily discounted fee. Find out more at **EarthX.org/Edu**.



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WORKSHOPS

Workshop schedules available online or at the Workshop Booths.

EarthxEdu Workshops Teacher Professional Development Saturday, April 21 • Women's Museum

**Green Schools National Network Presents:
Green, Healthy Sustainable Schools for All**
9am-3pm (6 hours CPE)

**EcoRise Youth Innovations Presents:
Re-Imagine Your School as Laboratory
for Innovation!**
8:30-11:30am and 1:00-4:00pm (3 hours CPE)

**US Department of Energy Presents:
A Conversation about Nuclear Energy**
1:30pm (1 hour CPE)

DCCCD Presents

- DCCCD Pavilion on the Esplanade
- Sustainable U – Tips for Everyday Green Living
- Mini-Workshops on Sustainable Cooking, Gardening, Aquaponics & more!

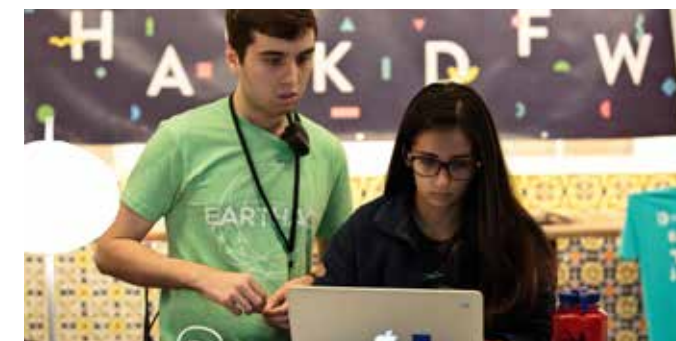
EarthxArt Workshops

Carving visions of Earth – BlockPrinting Workshop
April 20-22, 2-5pm. Free. Limited to 30 people per workshop.
Lead by printmaker/artist Thea Gahr of Justseeds Artists' Cooperative.

In this engaging three-hour workshop, learn how to use the expressive visual medium of blockprinting to amplify your vision for the continuum of life on earth. Learn how to create an effective design, work with carving tools, and skillfully print your own linoleum block in a space conducive to conversing about our hopes and dreams for participating in the restoration of land, water, air, and human relationship with earth.

Art in Action: Live Silkscreening
April 20-22, 11am-1pm. Drop in.

Interactive silkscreen demonstration; bring a T-shirt and walk away with an image. We will also be giving away silkscreened posters.



EarthxHack

EarthxHack, a 24-hour event, is the world's largest environmental innovation competition. **EarthxHack**, sitting at the intersection of innovation, technology, and the environment, is a platform creating groundbreaking solutions by utilizing the brightest technical minds of today focusing on the problems of tomorrow.

EarthxMobile App



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the EarthX
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information

Download the EarthX mobile app and register
for Free Admission to EarthX2018 at Fair Park.



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TINY HOUSE VILLAGE & LUNGFORCE 5K



Living small means living more sustainably. Tour tiny homes, talk to home owners and learn more about this popular lifestyle at the EarthX Tiny House Village.
APRIL 20-22 • 10AM-6PM • \$5 ADMISSION INCLUDES EXPO ADMISSION

SIMPLE TRUTH

Buildings contribute to an estimated 1/3 of greenhouse gas emissions. With a tiny home your carbon footprint is drastically reduced.



LungForce 5K powered by EarthX. Organized with the American Lung Association, walk or run this 5K for lung health and air quality!
APRIL 21 • 8AM • FAIR PARK • DALLAS, TX • REGISTER @ ACTION.LUNG.ORG

SIMPLE TRUTH

Nearly 4 in 10 people live where pollution levels are too dangerous to breathe.

Art Installation by Dr. Chip Thomas

For the past 26 years, physician Chip Thomas has treated patients at a low-cost clinic on the Navajo Nation. He has also found an equal passion in pursuing a more immediate relationship with his community by reflecting back to them some of the beauty they have shared with him through street art photography focused on social and environmental justice. Thomas' black-and-white portraits of Navajo people adorn water tanks, abandoned barns and any other surface he can find throughout the southwest. While Thomas, 56, has gained worldwide recognition for his images, he forgoes a full-time art career for the one he has — treating his patients. “Both are attempting to restore balance and create beauty,” he says of his medical practice and artwork. “One just happens to be more fun.”



Dr. Thomas will be creating a 15x20 art wall at EarthX depicting a young girl in his community raking corn, in collaboration with artist Nick Mann from Seattle. He will be incorporating the words of Winona LaDuke, an environmentalist, economist and writer known for her work on tribal land claims and sustainable development, into the piece.

Carving Visions of Earth - BlockPrinting Workshop

April 20-22, 2-5 p.m. Free. Sign up required. Limited to 30 people per workshop.

Led by printmaker/artist Thea Gahr of Justseeds Artists' Cooperative.

In this engaging three-hour workshop, learn how to use the expressive visual medium of blockprinting to amplify your vision for the continuum of life on Earth. Learn how to create an effective design, work with carving tools and skillfully print your own linoleum block in a space conducive to conversing about our hopes and dreams for participating in the restoration of land, water, air and human relationship with Earth.



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Isaac “Izk” Davies

A multi-disciplinary artist, Izk Davies has mainly passed on the gallery scene in favor of making a living with public murals. Davies is bringing his preference for public art to **EarthX** by highlighting the impact plastic has on the environment and on the wildlife that roams the earth. By stretching plastic around trees or posts in 3D art installations, Davies brings the plight of three endangered species to our attention. We invite EarthX attendees to view the creation in progress.



Art in Action: Live Silkscreening

April 20-22, 11:00AM-1:00PM, Drop In.

Interactive silkscreen demonstration; bring a T-shirt and walk away with an image. We will also be giving away silkscreened posters.

“African Village” in partnership with Ndaba Mandela and the Africa Rising Foundation

During **EarthX**, an African Landscape exhibition will be erected. Through generous donation from the collection of Ndaba Mandela as chairman of the Africa Rising Foundation, it will feature the artwork of Elaine Mató (referred to as Mató as an artist and designer). Mató is a South African artist who is known for her work on the African Cycad and the mythology of her work surrounding The Rain Queen Modjadji. Mató explains that all her work is “based on humanity’s impact on the Earth and the survival of ‘roots’” — a homage to **EarthX**’s purpose and initiatives. Mató’s most stunning tribute to the African Cycad, a tree which has survived since prehistoric times and represents the sustainability of life, is shown here as a dedicated piece alongside the other donated works.



The works will be available for purchase through auction. 50% of the proceeds will go to **EarthX** and 50% will go to Africa Rising Foundation.

Impact: Humans & Birds in Dallas in partnership with The Dallas Morning News & Trinity River Audubon Center



Right in front of our eyes, the natural environment is being reshaped. Glaciers are melting at a rapid pace, loss of sea ice is threatening the polar bear population and many species of North American birds are considered endangered due to shifting weather patterns and uncertainty involving prey and habitat. A sense of urgency — expressed by a growing “see it before it’s gone” outlook — is settling in among a population realizing that climate change isn’t a future prospect, but a present-day reality. For Dallasites, the moment could be now to consider future impacts on the area’s most significant natural resources, the Great Trinity Forest and Trinity River. These photographs convey the natural history of a Trinity River that not only serves as a migratory freeway and home for a multitude of birds, but also a home to humans.

Photo courtesy of
Guy Reynolds/Dallas Morning News

TRINITY RIVER Audubon CENTER The Dallas Morning News



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EarthxMusic

EarthxMusic Stage

The 2018 EarthxMusic Stage in Fair Park will play host to a stellar lineup of free outdoor shows performed by Texas bands and artists of all genres, including Austin-based blues and soul man Black Joe Lewis, Austin rockers Band of Heathens, Amarillo native Cody Johnson and Dallas' own Medicine Man Revival, with feature appearance by Sustainable Soundtracks from Sweden.

Admission to the Music Stage is free when you purchase a \$5 admission to **EarthX**. Bring a used vinyl on Sunday, April 22 for Record Swap Day and get in for free!

Schedule

Saturday, April 21, 2018

12:00-1:00pm



Medicine Man Revival
mmrevival.com

1:30-3:00pm



Atlantis Aquarius
atlantisaquarius.org

3:30-5:00pm



Black Joe Lewis
blackjoelewis.com

Sunday, April 22, 2018

12:00-1:00pm



Chucho
chucho.bandcamp.com

1:30-3:00pm



Cody Jasper
codyjasper.com

3:30-5:00pm



Band of Heathens
bandofheathens.com

The EarthxMusic Stage will also feature an appearance by Sustainable Soundtracks from Sweden

Sustainable Soundtracks is a new music act from Sweden that is using pop music to raise awareness and stimulate action in the fields of sustainability, ocean sustainability, climate change, and more. Sustainable Soundtracks was founded by CJ Palmer who has had a passion for sustainability issues since he was a child. Sustainable Soundtracks has been offered the opportunity to release their music during an extensive global tour which will begin later this year. **SustainableSoundtracks.com**



Record Swap Day

Sunday is Record Swap Day! In true **EarthX** style, we invite you to recycle your unused vinyl. Bring your vinyl, get in for free. Swap your vinyl, go home and listen to your new tunes.



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EarthxFilm

FILM SPARKS CHANGE



Showcasing films and emerging media that explore conservation, climate change, and the environment while honoring the heroes working to protect our planet.

EarthxFilm is a 21st century film festival that uses the power of film and emerging media to raise awareness of environmental and social global issues. Smart, powerful storytelling is crucial to a livable future on this earth and we believe in taking the audience from an emotional reaction to action in an entertaining and memorable way.

From April 13-22, 2018, **EarthxFilm**, will present over 60 features and shorts at screenings and events across the city, culminating at **EarthX**, the largest environmental gathering in the world. An Interactive Zone will take visitors on journeys into space, under the oceans and trekking through the jungles of Africa through virtual and mixed reality experiences. International art from the Mandela Foundation, large display art in partnership with Amplifier Foundation, and a two-day line up of bands on the music stage will round out a rich experience for all ages.

EarthxFilm Events

We've got much more than films in store at **EarthxFilm**. Join us for comedy events, film parades, our special kick-off screening of *The Human Element* with James Balog and more.

Kick-Off Weekend

April 13-15, \$5 tickets; Passes available.

EarthxFilm will host multiple screenings featuring filmmakers and Q&As throughout the weekend at the Angelika Film Center Dallas and other venues in partnership with the Dallas Film Society. Find the schedule of films at **EarthxFilm.org**.

EarthxFilm EVENTS

Short Film Perspective

Saturday, April 14, 10:30PM, FREE to the public. Dallas Arts District.

Part of the "Changing Perspectives" block party, in partnership with the Dallas Arts District and the Dallas Video Fest, we invite you to experience the power of film from a different perspective, both physically and emotionally. Featuring screenings of *Sky Migrations* and *Ditch the Van*, as well as a performance by cellist and film subject Ben Sollee.

Comedy4Climate

Monday, April 16, 6:00PM-8:30PM, \$10. Dallas Comedy House.

Think climate change and environment action are no fun? Think again. **EarthxFilm** wants to make Dallas laugh, and where better than the Dallas Comedy House. Come take in a night of improv celebrating Comedy4Climate. All proceeds go to **EarthxResilience**, our green rebuild initiative for Houston and Puerto Rico following the devastating 2017 hurricanes.

Albatross at the Dallas Contemporary

Tuesday, April 17, 7:00PM, suggested donation of \$5.

Albatross is a powerful visual journey by internationally acclaimed photographic artist Chris Jordan (chrisjordan.com). In his filmmaking debut, Jordan documents the cycles of life and death, and captures stunning and intimate portraits of these magnificent seabirds, which are being devastated by plastic pollution. Screening this film in the ethereal calm of the Dallas Contemporary will enhance the visual aesthetic of this film, which steps outside the stylistic templates of traditional documentary filmmaking. Join us on this emotional journey of discomfort, reverence and renewal.

Common Ground Community Dinner: A Celebration of Food, Film, and Community

Wednesday, April 18, 6:30PM-10:30PM, \$52. Dallas Farmers Market.

Common Ground is a pop-up community dinner that celebrates the story of food and shines a light on the heroes behind the food we eat. **EarthX** will bring farmers and ranchers together with those who love food, film, music and community gatherings. Screenings of *One-Hundred Thousand Beating Hearts* (15 min.) and *Homeplace Under Fire* (29 min.) will follow music and dinner.

EarthxFilm is hosting this event in partnership with Farm Aid. Ten percent of ticket proceeds go to Grow North Texas and \$1 of every ticket sold supplies three meals for the North Texas Food Bank. *The \$52 price represents the 52% decrease in farm income since 2013. It includes appetizers, dinner, beer, wine, entertainment and films.*

Opening Centerpiece Screening

Thursday, April 19, 7:00PM, \$10/\$35 VIP ticket.

Wyly Theatre Potter Rose Performance Hall, Dallas Arts District.

The official kick-off of **EarthxFilm**, this exciting event will feature a screening of Academy Award-winning director Louie Psihoyos' new film *The Game Changers*. In the film, Psihoyos delves into the world of veganism, demonstrating the benefits to both human health and the environment. A reception, drinks and discussion will follow the screening.

Special event: Short Film Parade featuring chamber ensemble Montpolis

Saturday, April 21, 8:15PM, FREE to the public. Esplanade, Fair Park.

The Short Film Parade is a magical mystery tour of film screened against buildings and other unexpected locations of Fair Park. The evening will feature chamber ensemble Montpolis as they perform the live musical score to *Yakona*, a visual journey through the crystal clear waters of the San Marcos River by Paul Collins and Anlo Sepulveda.

EarthxFilm at EarthX, Fair Park

April 20-22. Various venues.

Featuring film screenings in Women's Museum, African American Museum and Hall of State. Interactive Zone in Centennial Building with satellite experiences throughout the park. There will be an art and music stage.



FILMS (A-Z)

ADAPTATION: BANGLADESH

USA/Bangladesh, 2017, 12 min.

While climate change is still a specter in some parts of the world, it's a reality in Bangladesh, where a dense population and vast system of coastal deltas create a fragile vulnerability. But as the water rises, the people are adapting in surprising ways. In this short film, cultural anthropologist Alizé Carérre takes us on a tour of the country, where the residents have created floating gardens, schools are in boats and architects are designing communities that will exist on the surface of water.

DIR Justin DeShields

Saturday, April 14, 5:45 p.m. | Angelika Film Center Dallas

Sunday, April 15, 11:00 a.m. | Angelika Film Center Dallas

Friday, April 20, 12:00 p.m. | Film Box

Saturday, April 21, 8:15 p.m. | African American Museum Theater

ALBATROSS

USA, 2017, 97 min.

Chris Jordan spent eight years in his quest to chronicle, understand and properly communicate the story of the albatrosses that populate Midway Island, a small speck of land in the middle of the Pacific Ocean. The result is *Albatross*, an exquisitely shot labor of love that is much more than a nature documentary. Instead, it's a work of art; an examination of life, loss and love; and an expression of what these extraordinary sea birds mean to one human who dedicated his life to them. Albatross offers a hard lesson in the often-tragic ways our everyday material lives intersect with nature, even nature that's very far away.

DIR Chris Jordan

Tuesday, April 17, 7:00 p.m. | Design District

Friday, April 20, 7:00 p.m. | African American Museum Theater

ANOTE'S ARK

Kiribati/Canada, 2018, 77 min.

The denizens of the tiny island nation of Kiribati, which is beleaguered by rising oceans, powerful storms and other effects of climate change, face a difficult choice. They must find a new home; theirs will be swallowed by the sea within a few decades. As residents begin to emigrate in a climate-fueled diaspora, President Anote Tong sets out on a quest to secure a future for his people — exploring man-made islands, seeking the purchase land elsewhere and pleading on a world stage on behalf of his country and its culture, which are on the verge of extinction.

DIR Matthieu Rytz

Saturday, April 21, 11:30 a.m. | Hall of State Theater

Sunday, April 22, 2:15 p.m. | Hall of State Theater

BEARTREK

USA, 2017, 86 min.

A decade ago, British ecologist and bear specialist Chris Morgan set out on his motorcycle to research and protect the world's most recognizable omnivores. *Beartrek* documents his extraordinary journey. From the salmon-rich rivers of Alaska's bush to the sere mountains of the Peruvian Andes and the lush tropics of Borneo, Morgan is determined to learn, understand and educate people about the health and the fate of bears, many of which are threatened. And whether it be the iconic and massive grizzly, the elusive and thin-limbed spectacled bear or the magnificent polar bear, Morgan finds the same basic truth: What's good for bears is good for people, and the planet.

DIR Chris Morgan

Monday, April 16, 7:00 p.m. | Angelika Film Center Dallas

Sunday, April 22, 12:30 p.m. | Film Box

BIRD OF PREY

USA, 2017, 95 min.

With ice-colored eyes, a crown of wily feathers atop its head and the largest wing surface of any bird of its kind, the Philippine Monkey Eating Eagle is a creature of both arresting beauty and staggering power. This jungle denizen is also one of the rarest raptors on the planet — just 700 individuals remain — its fate threatened by logging, hunting and other human activities. In 1977, cinematographer and raptor specialist Neil Rettig traveled to the Philippines to capture the first filmed images of the eagle in the wild, an effort that helped catapult the bird into a national symbol. Bird of Prey follows Rettig as he returns to the island nation 40 years later. This time, he is determined to re-establish the bird not as a vanishing relic, but as a thriving symbol of the Philippines' future.

DIR Eric Liner

Tuesday, April 17, 7:00 p.m. | Angelika Film Center Dallas

Sunday, April 22, 3:00 p.m. | Film Box

BLUE HEART - THE FIGHT FOR EUROPE'S LAST WILD RIVERS

USA, 2018, 41 min.

The Balkans are an oft overlooked region of Southeastern Europe, but this stellar documentary shines a light on the complicated environmental situation there. *Blue Heart* tours three countries, telling the stories of particular rivers and the challenges they face from hydroelectric dams. This could easily make for an overly earnest and tedious documentary, but this film is anything but, sharply directed by Britton Caillouette and smartly built around its tremendous central characters — deeply dedicated activists. Particularly striking are the women in Bosnia who work tirelessly to stop the building of a dam on their local river, organizing a non-stop occupation of critical roads. Strategically, they keep their men out of the protest, knowing that they would face more violence and punishment than this all-female movement, which still gets beaten. Nevertheless, these women keep on. As one of them says, "We are stronger together. And if anyone tries this again, we will unite again."

DIR Britton Caillouette

Saturday, April 21, 5:00 p.m. | African American Museum Theater

Sunday, April 22, 2:15 p.m. | Women's Museum Theater

CHARGED: THE EDUARDO GARCIA STORY

USA/Mexico, 2017, 86 min.

When Eduardo Garcia happened across a dead bear while hunting in the Montana backcountry in 2011, it piqued his curiosity. But when he prodded it with his knife, he was jolted with 2,400 volts of electricity — the animal was concealing a live electrical wire. The incident almost killed Garcia, forcing doctors to remove his arm and leaving him with significant injuries, and altered the course of his life forever. *Charged* follows his painstaking recovery, his return to the kitchen as a "bionic chef," and the way nature helps him heal — both from his physical wounds and from his emotional challenges, which prove to be the most formidable of all.

DIR Phillip Baribeau

Saturday, April 14, 8:15 p.m. | Angelika Film Center Dallas

Saturday, April 21, 7:30 p.m. | Women's Museum Theater

FILMS (A-Z)

CHASING THE THUNDER

Antarctica/Africa, 2017, 96 min.

Few environmental documentaries have as much drama, action and excitement as *Chasing the Thunder*. The film follows a pair of boats from Sea Shepherd, which was founded by the legendary Paul Watson to track and stop illegal whaling, as they chase a notorious fishing vessel called the Thunder. The audience is right there on the deck as this extremely dangerous pursuit unfolds on the open seas, and it's riveting. What's at stake is made clear when the eco-warriors of Sea Shepherd find the criminals' lines and pull them up. The Thunder was fishing for Chilean Sea Bass (originally Patagonian Toothfish), which filled the net along with a horrific mess of dead sea creatures. Outraged by the atrocity they witness, the Sea Shepherd crew vows to bring the ocean outlaws to justice.

DIR Mark Benjamin, Marc Levin

Saturday, April 21, 2:15 p.m. | Hall of State Theater

Sunday, April 22, 11:15 a.m. | Hall of State Theater

CHASING WILD HORSES

Canada, 2008, 8 min.

Sable Island is a thin crescent of land about the size of Manhattan that sits off the coast of Nova Scotia. Within its windblown dunes and sandy hills roams a herd of wild horses — the animals probably arrived there via shipwrecks or other sea vessels. This short film follows New York City fashion photographer Roberto Dutesco as he tracks and chronicles these beautiful, mysterious and hardy creatures. On its 10th anniversary, the film continues to capture the ineffable beauty of wild horses.

DIR Matt Trecartin **PROD** Jessica Brown

Saturday, April 21, 5:00 p.m. | African American Museum Theater

Sunday, April 22, 2:15 p.m. | Women's Museum Theater

CITY ON THE WATER

USA, 2017, 19 min.

Encircled by 520 miles of waterfront, New York City is truly a city on the water. But with more than 8 million residents, dense development and a history of heavy industrial activity, much of that water has been severely degraded. Despite that, some areas in the city's coastline are starting to rebound from decades of pollution. In *City on the Water*, we meet scientists, teachers, residents and environmentalists who are working to restore New York City's rivers, creeks, canals and bays to a healthier state.

DIR Jon Bowermaster

Saturday, April 14, 2:45 p.m. | Angelika Film Center Dallas

Saturday, April 21, 1:45 p.m. | Women's Museum Theater

THE CURVE OF TIME

USA, 2017, 23 min.

As professional skiers, Chris Rubens and Greg Hill spent years of their lives touring the globe by plane, snowmobile, helicopter and chairlift in search of killer lines and deep pow. But when climate change becomes an incontrovertible fact of life, it triggers an existential crisis: the skiers realize their very lifestyle harms the thing they love the most. Together they set out on a quest to do better for the future of the sport, switching to electric vehicles, slashing travel and eating less meat. No typical ski movie, *The Curve of Time* instead contemplates the incremental build-up of our actions and the unpredictable consequences they can have on the future.

DIR Mike Douglas

Saturday, April 21, 11:30 a.m. | Hall of State Theater

Sunday, April 22, 2:15 p.m. | Hall of State Theater

DENALI'S RAVEN

USA, 2017, 9 min.

Leighan Falley is many things: mountain guide, skier mother, artist, pilot and spot-on crow impersonator. More than anything though, she's an Alaskan native whose intimacy and love of the massive mountains and windswept valleys of the northern state have defined nearly every aspect of her character. *Denali's Raven* is a portrait of a woman shaped by place.

DIR Renan Ozturk

Sunday, April 22, 3:00 p.m. | Film Box

DITCH THE VAN

USA, 2017, 10 min.

As a professional touring musician, cellist and singer-songwriter Ben Sollee found himself spending a great deal of time flying over and zooming through America at a breakneck pace. He was exhausted, his health was suffering and something felt off. So he bought an Xtracycle cargo bike, strapped his cello to the back and embarked on a new kind of tour. This one would entail five years, 5,000 miles on the road and untold adventures exploring America on two wheels. There's pain, suffering, mechanical problems and nasty weather. But the Ditch the Van Tour also brings rich experiences and slows down the pace of life enough to savor every mile.

DIR Mallory Cunningham, Kyle Romanek

Friday, April 13, 7:20 p.m. | Angelika Film Center Dallas

Saturday, April 14, 10:30 p.m. | Arts District

Sunday, April 15, 11:00 a.m. | Angelika Film Center Dallas

Friday, April 20, 12:00 p.m. | Film Box

DON'T FRACK WITH DENTON

USA, 2017, 23 min.

Denton, Texas, is a hub of music, culture and academics — an alluring place to live and well-loved home to its denizens. But something's wrong with the air in Denton. And a group of citizens believe the poor air quality is caused by the town's high density of fracking wells — nearly 300 exist within city limits. So they band together with the goal of banning fracking in their hometown. Through a grassroots effort of door-to-door outreach, rallies, meetings and a ballot measure, they succeed in getting a city- wide ban passed. But instead of being the end of their fight against fracking, it's just the beginning.

DIR Garrett Graham

Saturday, April 14, 5:45 p.m. | Angelika Film Center Dallas

Saturday, April 21, 8:15 p.m. | African American Museum Theater

THE FARTHEST

Ireland, 2016, 116 min.

In 1977, NASA launched a mission so unique in its scope, mission and reach that we'll never see another like it. The Voyager mission sent two probes into deep space just in time for a historic alignment that allowed them to make a successful exploration of the outer planets of our solar system for the first time. What ensued was a fantastic fact-finding mission that was fruitful beyond expectations. Voyager gave us the first close-up images of Jupiter's red spot, Saturn's rings, Uranus' drab crust and the lovely planet of Neptune. *The Farthest* pays homage to the incredible mission, gathering the scientists involved in the 40-year-old project to recount how it went down. Hint: with limitless human ingenuity and boundary-busting science.

DIR Emer Reynolds

Sunday, April 15, 4:00 p.m. | Angelika Film Center Dallas



FILMS (A-Z)

A FIELD GUIDE TO LOSING YOUR FRIENDS USA, 2017, 14 min.

When Tyler Dunning lost his best friend Nate in a terror-related bombing in Kampala, Uganda in 2010, he was plunged into darkness, self-medication, anger and grief. Eventually though, he found solace in the rocky spires and muffled forests of Rocky Mountain National Park. After being humbled by failed attempt to climb Longs Peak, he was inspired to set out on a quest to visit all 59 U.S. national parks. From Yellowstone to Saguaro, the Everglades, Kenai, Big Bend and Glacier, he explored the nation's most beautiful wild places, sometimes stuffing them into wild weekend excursions. The adventures that ensued helped him get back on his feet and eventually, to say goodbye to his best friend.

DIR Chad Clendinen

Saturday, April 14, 8:15 p.m. | Angelika Film Center Dallas
Saturday, April 21, 7:30 p.m. | Women's Museum Theater

FIX AND RELEASE Canada, 2017, 16 min.

The Ontario Turtle Conservation Centre treats hundreds of injured turtles each year. These reptilian patients have been struck by cars, hit by boats or mauled by predators, and are often nearly broken beyond repair. But Dr. Sue Carstairs and her team meticulously piece them back together, nurse them to life and help hatch and raise their offspring. In this way, more turtles are released to the wild then are admitted. *Fix and Release* tells an uplifting story of wildlife rehabilitation and focuses on an overlooked but remarkable animal that deserves some time in the spotlight.

DIR Scott Dobson

Saturday, April 14, 11:00 a.m. | Angelika Film Center Dallas
Friday, April 20, 10:00 a.m. | Film Box
Saturday, April 21, 10:00 a.m. | Film Box

FOR FLINT USA, 2017, 18 min.

When people hear the name Flint, Michigan, they often think of tainted water, government corruption and a city on its knees. *For Flint* will leave you with a much different impression of the Michigan burg. That's because the film profiles artists, teachers and youth advocates who are working to beautify, strengthen and enlighten their city, one story at a time, creating a whole new narrative *For Flint*.

DIR Brian Schultz

Saturday, April 14, 5:45 p.m. | Angelika Film Center Dallas
Saturday, April 21, 8:15 p.m. | African American Museum Theater

FROM THE ASHES USA, 2017, 83 min.

During his the State of the Union in January, President Trump called for the return of "beautiful, clean coal." But according to the documentary *From the Ashes*, the reality of the coal industry is very different today than it was in its heyday in the 20th - if not the 19th - century. This compelling film does much more than examine how coal is an outdated technology that's harmful to the environment, not to mention our personal health. *From the Ashes* also peers into the future to explore how we will get our energy, looking closely at the many exciting options. And the film crisscrosses the country to meet folks, including here in Dallas, who were employed by coal mines but who are now finding work in cleaner energy industries. The road ahead is certainly challenging, but as this film details, it's also filled with opportunity and hope.

DIR Michael Bonfiglio

Saturday, April 14, 2:45 p.m. | Angelika Film Center Dallas
Saturday, April 21, 1:45 p.m. | Women's Museum Theater

THE GAME CHANGERS USA, 2018, 90 min.

Louie Psihoyos is a man on a mission. After making documentaries that took on the Japanese dolphin fishing industry (Oscar-winning *The Cove*) and delving into the extinction crisis (*Racing Extinction*), his new effort, *The Game Changers*, looks at veganism. The film's main character and narrator is James Wilks, a mixed martial artist who goes vegan to recover from an injury and then immerses himself in research to learn more about its effects. Other subjects who advocate for an entirely plant-based diet include a variety of super athletes, from ultra-runner Scott Jurek to Patrick Baboumian, who holds multiple world records as a professional Strongman. These remarkable humans maintain that their professional success is partly due to their diet — an assertion that's backed up by a chorus of scientific voices.

DIR Louie Psihoyos

Thursday, April 19, 7:30 p.m. | Wyly Theatre
Saturday, April 21, 5:15 p.m. | Hall of State Theater

HIGH SEAS JOURNEY TO THE COSTA RICA THERMAL DOME USA, 2018, 9 min.

It's the lifelong mission of the indomitable oceanographer Sylvie Earle to save our struggling oceans. At the age of 82, she tirelessly travels around the world exploring and advocating for a more thoughtful strategy for these essential ecosystems. In this short, earnest documentary, Earle alights in Costa Rica where there is a unique thermal dome that desperately needs protection. The peripatetic Earle gets to work, lobbying officials and putting her unflagging energy towards saving what can still be saved. Sylvia Earle will be in attendance at Earthx and EarthxFilm.

DIR Kip Evans

Saturday, April 21, 2:15 p.m. | Hall of State Theater
Sunday, April 22, 11:15 a.m. | Hall of State Theater

HOMEPLACE UNDER FIRE USA, 2017, 30 min.

In the early '80s, a devastating collision of spiking interest rates, sinking farm prices and misguided federal policies sparked a national tragedy known as The Farm Crisis. The crisis drove families into foreclosure, forced generational farmers out of the business and led many to lose their land. But out of the despair and loss emerged a legion of farmers and activists who decided to fight for their land and way of life. These farmers, farm wives and rural leaders became self-made legal advocates, organized the purchase of land trusts, started hotlines and went toe-to-toe with lenders. And in doing so, they fortified their communities and salvaged an important national heritage.

DIR Charles D. Thompson

Wednesday, April 18, 6:30 p.m. | Farmer's Market

THE HUMAN ELEMENT USA, 2018, 76 min.

James Balog, the star of the essential climate change documentary *Chasing Ice*, is not only an acclaimed photographer but a trained geologist who has spent his career studying way the Earth changes and moves. *The Human Element* follows Balog as he seeks out people on the front lines of the unfolding climate change disaster who are struggling with the new reality. Some of these hard-working folks are in crisis — a flood or a fire has landed at their front door — but others are slowly yet clearly seeing the seas rise and reconciling that deepening truth with their own views about climate change. However, this film isn't just reportage. It's also Balog's thoughtful exploration of our how own everyday lives are creating havoc within the delicate system that is our planet.

DIR Matthew Testa

Friday, April 13, 7:30 p.m. | Angelika Film Center Dallas
Friday, April 20, 6:45 p.m. | Women's Museum Theater

FILMS (A-Z)

INTO THE OKAVANGO - THE BEATING HEART OF OUR PLANET Botswana/Angola/Namibia, 2017, 94 min.

The Okavango Delta in northwest Botswana is a vast system of wetlands surrounded on all sides by the Kalahari Desert. It's a veritable freshwater oasis, a landscape so huge it can be seen by space, and its wildlife significance cannot be understated. The Okavango teems with the largest wildlife populations in Africa — lions, elephants, birds, hippos and caimans thrive in its fecund ecosystems. As ornithologist Steve Boyes puts it: "This is the wild perfect. As perfect as we used to be." It's also, Boyes notes, a delicate place where the water and wildlife have been diminishing. In order to fully comprehend the delta's system, Boyes assembles a team of scientists and guides to find the source of the Okavango and follow it to its terminus. What ensues is adventure in the purest sense of the word. But the goal, like the place, remains bigger than all of them: to create the largest protected area in the world.

DIR Neil Gelinas

Sunday, April 22, 5:30 p.m. | Hall of State Theater

INVENTING TOMORROW USA, 2018, 104 min.

With all the challenges facing our planet, a film like *Inventing Tomorrow* is a needed blast of hope. It's not that the myriad of problems will fade away, but audiences can take comfort that there are young, committed and brilliant scientists who are out there ready to build a better world. The film follows a group of wonderfully awkward yet charismatic high school students who are competing in the annual International Science and Engineering Fair (ISEF). These young Einsteins hail from all over the world and share a deep love of science and innovation, but here they are in the hot seat, deeply immersed in a high-pressure competition that could have a huge impact on their future. It's exciting to watch unfold, as these future leaders grow up a little bit while still being goofy, happy and exceptional kids.

DIR Laura Nix

Sunday, April 15, 1:00 p.m. | Angelika Film Center Dallas
Saturday, April 21, 2:00 p.m. | African American Museum Theater

THE LAST ANIMALS USA/UK, 2017, 92 min.

War photographer Kate Brooks has covered human destruction in Afghanistan, Iraq and Syria for many years. In *The Last Animals*, she turns her lens to a different kind of genocide: the decimation of African elephants and rhinos by poaching and transnational wildlife trafficking. In this comprehensive and disturbing examination of the poaching crisis, Brooks draws out startling connections between illegal wildlife trade, international border security and government corruption. She chronicles the conservationists, scientists and activists at the frontlines of the battle against poaching. And she falls in love with the magnificent creatures whose very existence teeters on the brink.

DIR Kate Brooks

Saturday, April 21, 11:00 a.m. | Women's Museum Theater
Sunday, April 22, 11:30 a.m. | African American Museum Theater

THE LAST HONEY HUNTER USA, 2017, 32 min.

In the rugged and mist-shrouded mountains of Nepal's Hongu River valley, the Kulung people etch their lives out of the land and practice a form of animism built around the god Rongkemi. Local denizen Maui Dhan Rai is an unassuming man with a highly significant role: he is believed to be chosen by the gods for the treacherous rite of honey harvesting. The task involves climbing rope ladders up sheer cliffs to hack down combs made by the world's largest honeybee before collecting the poisonous and psychedelic honey within. It's extraordinarily dangerous, and more nerve-wracking to behold than any of today's extreme sports. But it's a spiritual task steeped in myth that allows the Kulung to tap into the realm of the gods. And with the encroachment of modern society, it may not last for long.

DIR Ben Knight, Renan Ozturk

Saturday, April 21, 5:00 p.m. | African American Museum Theater
Sunday, April 22, 2:15 p.m. | Women's Museum Theater

LIONS OF WEST TEXAS USA, 2017, 8 min.

In the hardscrabble landscape of West Texas, mountain lions are like ghosts: their elusive presence felt more than it's seen. But by trapping, collaring and tracking the big cats, researchers with the Borderlands Research Institute are changing that. As they gather data on the big cats' home ranges, diets and breeding habits, the researchers are gaining an understanding of how lions have survived in these mountains for centuries, and how they'll persevere into the future.

DIR Ben Masters

Sunday, April 15, 11:00 a.m. | Angelika Film Center Dallas
Friday, April 20, 12:00 p.m. | Film Box

METRONOMIC France, 2015, 15 min.

What happens when you mix saxophone players, vocalists, dancers and movement artists into the high-flying and absurdist world of French aerialists? You get this inventive, clever and funny short, which successfully blends cliff dancers, BASE jumpers, singers flung on giant rope swings and one unforgettable flying band.

DIR Vladimir Cellier

Saturday, April 14, 11:00 a.m. | Angelika Film Center Dallas
Friday, April 20, 10:00 a.m. | Film Box
Saturday, April 21, 10:00 a.m. | Film Box

ONE HUNDRED THOUSAND BEATING HEARTS USA, 2016, 15 min.

Will Harris is not your typical touchy-feely organic farmer. He's a fourth-generation no-nonsense businessman, a salt-of-the-earth type who was raised to grow his cattle in strict industrial fashion. And that's what he did, pumping hormones, antibiotics and ammonium nitrate fertilizer into his production, aiming for maximum profit and squeezing out every penny he could get. But in the mid-'90s, something began to shift. Harris began to see more value in the microbes in his soil than in the beef yields demanded by the industry. And as he slowly changed his practices, he began to fall back in love with his farm, which transformed from an unfriendly production machine to a living landscape containing more lessons than he could have ever imagined.

DIR Peter Byck

Wednesday, April 18, 6:30 p.m. | Farmer's Market



FILMS (A-Z)

PERMAFROST NOW

USA, 2018, 13 min.

In vast swaths of polar tundra across the globe, permafrost acts as a giant container for carbon dioxide, locking it inside the Earth's surface and keeping it out of our atmosphere. But only when it's frozen. Scientists know that permafrost is rapidly thawing, threatening to release enormous amounts of CO2 that could accelerate the effects of climate change drastically. In order to fully understand what's happening to permafrost and advance the next generation of scientists, the Woods Hole Research Center's Polaris Project sends teams of students and advisors to the northern tundra of Alaska, where they meticulously research the behaviors of permafrost, work on potential solutions and strive to find a way to "science the shit" out of this issue.

DIR Stash Wislocki

Saturday, April 14, 5:45 p.m. | Angelika Film Center Dallas
Friday, April 20, 6:45 p.m. | Women's Museum Theater

THE PINES

USA, 2018, 6 min.

The history of North America is one of ingenuity, self-reliance and sometimes, mistakes. But the wise ones among us learn from those mistakes. *The Pines* tells a story of right-of-way roads, the building and use of which once involved an enormous waste of hardwood resources. These days, however, the process has been re-invented in impressive ways.

DIR Sam Ryan

Saturday, April 21, 11:00 a.m. | African American Museum Theater
Sunday, April 22, 12:30 p.m. | Film Box

RODENTS OF UNUSUAL SIZE

USA, 2017, 71 min.

The name is a nod to those villainous rats in *The Princess Bride*, but this film is no fictional tale. Instead, it tells the very real story of nutria, an invasive giant swamp rat that is wreaking havoc in the wetlands of Louisiana. These orange-tooth rodents, which hail from South America, are chomping up coastal wetlands, disturbing ecosystems, breeding like mad and threatening the future of humans to inhabit these areas. But the Louisianans who have called the state home for generations aren't the type to give up their land without a fight. *Rodents of Unusual Size* follows a group of these citizens as they defend their land, culture and way of life against the voracious animals.

DIR Chris Metzler, Quinn Costello, Jeff Springer

Sunday, April 15, 3:00 p.m. | Texas Theatre
Saturday, April 21, 3:00 p.m. | Film Box

SKY MIGRATIONS

USA, 2017, 17 min.

Raptors have been traveling great distances on their annual migration paths for hundreds of thousands of years, soaring from frozen northern landscapes to the tropics of the southern hemisphere. Along the way, they also provide evidence of the health of the ecosystems they fly over. In *Sky Migrations*, ecologist Charles Post joins Hawkwatch International in the Goshute Mountains of Nevada and beyond to research and trace the paths of these formidable creatures across the skylscapes of the west. In the process, Post taps into a greater effort that's larger than any individual bird-watcher: a global undercurrent of stewardship.

DIR Charles Post, Forest Woodward, Max Lowe

Saturday, April 14, 11:00 a.m. | Angelika Film Center Dallas
Saturday, April 14, 10:30 p.m. | Arts District
Sunday, April 15, 1:00 p.m. | Angelika Film Center Dallas
Friday, April 20, 10:00 a.m. | Film Box
Saturday, April 21, 10:00 a.m. | Film Box

UNFRACTURED

USA, 2017, 91 min.

As an introverted biologist and mother, Sandra Steingraber isn't your textbook environmental activist. But her conviction that fracking is harmful to human health is steely enough to fuel her into becoming the outspoken leader in a grassroots fight to ban fracking in New York State. To succeed, Steingraber finds, she must devote all her time, energy and money to the cause — sometimes to the detriment of her family life back home, and even while her husband suffers from a series of strokes. *Unfractured* isn't a film about the dangers of fracking and the oil and gas industry. Instead, it's an intimate look at the beliefs, sacrifices and hopes of one activist who is determined not to back down. Because as Steingraber says, "the antidote to despair and cynicism is to fight with your whole heart."

DIR Chanda Chevannes

Sunday, April 15, 7:15 p.m. | Angelika Film Center Dallas
Saturday, April 21, 4:45 p.m. | Women's Museum Theater
Sunday, April 22, 11:00 a.m. | Women's Museum Theater

WALK ON THE MOUNTAIN

USA, 2017, 19 min.

Junior Walk is a 26-year-old bearded, camo-wearing native of West Virginia who grew up exploring, hunting and living off the land in his backyard of Coal River Mountain. With that mountain today in danger of mountaintop removal for coal mining, Walk has emerged as one of Appalachia's most effective anti-coal advocates. *Walk on the Mountain* follows the young activist as he wades into the thorny and contentious battle, sometimes making enemies as he takes on a powerful industry and deep cultural history.

DIR William Gregg

Saturday, April 14, 5:45 p.m. | Angelika Film Center Dallas
Sunday, April 15, 7:15 p.m. | Angelika Film Center Dallas
Saturday, April 21, 8:15 p.m. | African American Museum Theater

WASTED! THE STORY OF FOOD WASTE

USA, 2017, 85 min.

In America, a staggering 40 percent of food that is produced goes to waste — and 90 percent of that waste ends up in landfills. It's enormously expensive, it happens while millions go hungry around the world and it contributes in a major way to climate change. But there's a movement afoot to both repair this broken food waste system and change the way we think about unwanted food. *Wasted!* takes the audience on a journey around the world to the front lines of food waste solutions, where chefs, journalists, activists and farmers are creating a host of innovative answers to the problem. From making beer out of discarded bread to creating renewable energy from yogurt and finding a new ways to cook and distribute unwanted comestibles, these food warriors are forging a path toward a better relationship with what we eat. *Wasted!* will make you think twice about ever tossing those leftovers again.

DIR Anna Chai, Nari Kye

Saturday, April 21, 11:15 a.m. | African American Museum Theater

WEIGHTLESS

Portugal/France/Brazil/South Africa, 2017, 6 min.

Paraglider Jean-Baptiste Chandelier takes to the skies on a whimsical aerial tour from the French Alps to the coast of South Africa and the Azores Islands — skimming over cityscapes, soaring over valleys, gliding between church steeples, walking on water and flying down snowy slopes in a spectacular display of aerial flying. This film is for anyone who's ever yearned for the freedom of weightlessness.

DIR Jean-Baptiste Chandelier

Saturday, April 14, 11:00 a.m. | Angelika Film Center Dallas
Friday, April 20, 10:00 a.m. | Film Box
Saturday, April 21, 10:00 a.m. | Film Box

FILMS (A-Z), 3D SHORTS & COMMUNITY SCREENING

WHERE THE WILD THINGS PLAY

USA, 2017, 4 min.

This clever ode to badass female athletes starts by posing a question: Where all the ladies at? Answer: sending gnarly climbing routes, shredding huge backcountry lines, tearing up the singletrack on mountain bikes and generally leaving all the men behind.

DIR William Gregg

Sunday, April 15, 11:00 a.m. | Angelika Film Center Dallas
Friday, April 20, 12:00 p.m. | Film Box

YAKONA

USA, 2014, 85 min.

This film takes viewers on a stunning visual evolution of Texas's San Marcos River, traveling from pre-historic times through the modern era on a journey told from the perspective of the river. From source to sea, through changing seasons, this film interprets the river's time and memory by documenting the relationship between nature and humanity. *Yakona* will play during a special screening at the Short Film Parade, where it be accompanied by a live performance of the musical score by the chamber ensemble Montpolis.

DIR Paul Collins, Anlo Sepulveda

Saturday, April 21, 8:15 p.m. | Fair Park "Parade"

3D SHORTS BY SK FILMS / TANGLED BANK STUDIOS

Free to attendees. 10:00 a.m-6:00 p.m. every 30 minutes April 20 - 22 in the 3D screening room.

AMAZON ADVENTURE

Canada, 2017, 25 min.

Amazon Adventure traces the extraordinary journey of naturalist and explorer Henry Walter Bates — the most influential scientist you've never heard of. As a young man, Bates risked his life for science during his 11-year expedition into the Amazon rainforest. *Amazon Adventure* is a compelling detective story of peril, perseverance and, ultimately, success, drawing audiences into the fascinating world of animal mimicry, the astonishing phenomenon where one animal adopts the look of another, gaining an advantage to survive.

DIR Mike Slee **SCR** Wendy MacKeigan, Carl Knutson

FLIGHT OF THE BUTTERFLIES

Canada, 2012, 14 min.

The monarch butterfly is a true marvel of nature. Weighing less than a penny, it makes one of the longest migrations on Earth across a continent to a place it has never known. Follow the monarchs' perilous journey and join hundreds of millions of real butterflies in the remote mountain peaks of Mexico, with breathtaking cinematography from an award winning team including Oscar® winner Peter Parks. Be captivated by the true and compelling story of an intrepid scientist's 40-year search to find the monarchs' secret hideaway. Unravel the mysteries and experience the *Flight of the Butterflies*.

DIR Mike Slee **SCR** Mike Slee, Wendy MacKeigan

COMMUNITY SCREENING

RAINFOREST PARTNERSHIPS 2ND ANNUAL FILMS FOR THE FOREST COMMUNITY EARTHXFILM SCREENING FILM BOX - WOMEN'S MUSEUM

Films for the Forest (F3) is an annual international short film challenge created by Rainforest Partnership in 2010. The goal is to raise awareness about the importance of rainforests while encouraging Immakers to create inspiring forest-related films. 2018 F3 Judges: Richard Linklater, Michael Cain, Bill Imada

Big Boom (4:00)

DIR Marat Narimanov - Russia

Communities Combat Coca Growers (7:41)

DIR Jaye Renold - Peru

High and Dry: Cutting Fog for Science (3:16)

DIR Daniel Grossman - USA

When Old Growth Ends (13:13)

DIR Ayana Young & Leslie Sattereld - USA

Colibri Bee Project (2:39)

DIR Rainforest Partnership - Peru

A Living Legacy (11:40)

DIR Taira Malaney - India

Forest People (1:55)

DIR Rafa Calil & Tito Sabatini - Brazil (RP Partner Im)

Guardians of the Forest: Taking Our Message to London (10:38)

DIR Jaye Renold - UK

BioVida Panama: The Golden Frog (14:00)

DIR Megan O'Connell - USA

A Better Place (2:54)

DIR Heather Garcia - USA

Person of the Forest (16:41)

DIR Melissa Lesh - USA

Sani Isla Project (5:25)

DIR Rainforest Partnership - Ecuador



EarthxInteractive Zone - VIRTUAL & MIXED REALITY

EarthxInteractive Zone

EarthxInteractive will take visitors on wild immersive journeys — swimming with dolphins in the ocean, dancing with flamingos, exploring the most remote islands on the planet and trekking through the jungles of Africa to defend wildlife — all in virtual and augmented reality. Audiences can explore nature, experience adventure and protect endangered species and the planet — all through today's most exciting emerging art, media and technology.

From April 20-22, **EarthxInteractive**, will present more than 30 virtual, augmented and mixed reality projects and educational workshops in the interactive zone and satellite locations throughout the expo. Here's a look at the projects:

ANOTE'S ARK - WORLD PREMIERE

Duration: 9 min.

With almost no environmental footprint, the Pacific Island nation of Kiribati is one of the most remote places on the planet, yet it is one of the first countries confronting the main existential dilemma of our time: Imminent annihilation from sea level rise. *Anote's Ark VR* takes you on journey to Kiribati to bear witness to one of the biggest challenges facing humanity. **AnotesArk.com • Rytz.co**

DIR Mattieu Rytz

CONSERVATION INTERNATIONAL: VALEN'S REEF

Duration: 8 min.

Valen's Reef is a touching, immersive virtual reality film that shares the wonder of some of Earth's most beautiful reefs through the eyes of West Papuan fisherman-turned-coral-reef-scientist and conservationist Ronald Mambrasar and his 8-year-old son, Valen. Together, they take viewers on an underwater journey among the region's stunning sea life and share how their people have reclaimed their ancestral waters, creating one of the world's most successful community-based marine conservation projects. *Valen's Reef* was created by Conservation International in collaboration with Here Be Dragons and with support from The Tiffany & Co. Foundation.

DIR Inraa Ishmale

CONSERVATION INTERNATIONAL: UNDER THE CANOPY

Duration: 11 min.

The Amazon rainforest gives us air we need to survive and is our best hope in this time of climate change. With its second virtual reality film, Conservation International invites you to plunge through the forest canopy, meet Amazonia's stunningly abundant wildlife and explore the jungle with Kamanja, a wise member of an indigenous community, which is uniquely able to protect such a vital place. Under the Canopy lets you see first-hand how protecting this forest means protecting our future. It was created by Conservation International in collaboration with Jaunt and with support from MacArthur Foundation, SC Johnson, The Tiffany & Co. Foundation and HP. **Conservation.org**

DIR Patrick Meegan

DANCE WITH fIARmingos

Viewable through Augmented Reality Apps and Kinect

Join the flock! Dance with life-size augmented reality flamingos. Pick up flamingo dance moves researched by scientists, snap a photo, and adopt a flamingo through a wetlands conservation initiative. Workshop with artist Kristin Lucas to learn how they were animated by human motion capture and a dynamic flocking algorithm. Made with Pioneer Works in partnership with Tour du Valat research institute in Arles, France. **DanceWithfIARmingos.net**

DIR Kristin Lucas

DIVE WITH SYLVIA

Duration: 5 min.

Dive with Sylvia is Cascade Game Foundry's first Oculus Rift-enabled experience and features a relaxing, 5-minute scuba dive with National Geographic Explorer-in-Residence Dr. Sylvia Earle. The legendary oceanographer leads you on a tour of a dive site in Belize that features corals, reef fish, sea turtles, groupers and whale sharks. Because the wildlife on each dive is different, as it is in the real world, you never know what you may see.

CGF will donate all the proceeds from sales of DIVE WITH SYLVIA to Mission Blue, a non-profit organization founded by Earle that creates public awareness about critical ocean issues and inspires support for organizations, projects and scientific expeditions that make a positive difference for the ocean. **CascadeGameFoundry.com**

PROD Cascade Game Foundry

EXPLORER MIKE LIBECKI PRESENTED BY DELL VR

A climber turned explorer searches out the last truly wild places on the planet in virtual reality. Mike Libeck is the consummate adventurer. With more than 45 expeditions to his name, often solo and in unexplored pockets of the world, he shows no signs of slowing down. Despite his creative expeditions, unwavering desire, and quirky demeanor, Libeck is has remained on the fringe of the adventure world's conscience. **Dell.com • MikeLibeck.com**

DIR Mike Libeck

GREAT BARRIER REEF VR SERIES (LADY ELLIOT ISLAND ECO RESORT)

The Ocean Agency/Seaview 360 Production in collaboration with the Great Barrier Reef Foundation, Panedia, University of Queensland. Full Series Duration: 14 min.

Explore science and witness rare underwater moments with dolphins and manta rays on the Great Barrier Reef captured in full 360°. **Seaview360.com • BarrierReef.org**

DOLPHIN ENCOUNTER ON THE GREAT BARRIER REEF

Duration: 2 min.

Underwater, you never know what's around the corner... Although they usually hunt in groups, solitary dolphins can also be seen hunting. This bottlenose dolphin let us be a witness of this rare moment.

MANTA RAYS ENCOUNTER ON THE GREAT BARRIER REEF

Duration: 3 min.

Swimming alongside these graceful ocean giants is a magical experience.

LIFE UNDERWATER AT LADY ELLIOT ISLAND

Duration: 3 min.

This film explores the incredible richness of a sanctuary situated at the southern tip of Australia's Great Barrier Reef.

LIFE UNDERWATER AT HERON ISLAND

Duration: 3 min.

Heron Bommie on the Great Barrier Reef, rated in Jacques-Yves Cousteau's top 10 dive sites in the world.

SCIENCE ON THE GREAT BARRIER REEF

Duration: 3 min.

Follow the work of scientists from The University of Queensland at the Heron Island Research Station.

DIR Christophe Bailhache **PROD** Sophie Ansel

EarthxInteractive Zone - VIRTUAL & MIXED REALITY

GREENLAND MELTING

In collaboration with FRONTLINE and NOVA with Emblematic Group, X-Rez Studio and Realtra Duration: 13 min.

Greenland's glaciers are melting faster and faster. This VR experience brings the story to life as never before. On the heels of the United States' withdrawal from the Paris climate agreement, *Greenland Melting* provides a rare, up-close view of icy Arctic scenery that's disappearing faster than predicted. The VR experience was created with high-resolution photogrammetry capturing both interiors and exteriors of nine different locations. The NASA scientists in this story were filmed using 8i technology and added to scenes as 3-D figures. **EmblematicGroup.com**

DIR Catherine Upin, Nonny De La Peña

GREENPEACE 360

The Ocean Agency/Seaview 360 Production in collaboration with Greenpeace and Panedia Duration: 3 min.

For more than 45 years, Greenpeace has been committed to saving the oceans and all the life in them. The underwater world is stunning as you can see in this virtual reality video. Together we can protect our oceans. Will you join us? **Seaview360.com • GreenPeace.org/usa**

DIR Christophe Bailhache **PROD** Sophie Ansel, Sandra Janssen

GUARDIANS OF THE FOREST (WORLD PREMIERE)

Duration: 9 min.

Guardians of the Forest tells the story of a volunteer environmental monitoring force of the Guajajara tribe in the Brazilian Amazon. The Guardians, led by international indigenous activist Sônia Guajajara, struggle to leverage what few resources they have to monitor and protect their forest from illegal logging. These activists are the last line of defense for the rainforest in the heart of an industrialized Amazon, giving us deeper insight into the roots of the crisis and see the Guajajara vision for the future. **CollectiveReality.org**

DIR Brittany Neff, Benjamin Ross

PROD Co.Reality and Scenic **DIST** UNVR

HUMANE SOCIETY'S US ANIMAL RESCUE TEAM DISASTER SERIES

Duration: 2 min.

Join The Humane Society of the United States' Animal Rescue Team as they rescue animals from the destruction following Hurricane Harvey in Houston, Texas. Disaster relief efforts included transporting 1,890 animals out of harm's way, as well as providing eight tons of feed, 1,500 bags of shavings for bedding, and 2,554 bales of hay for cattle.

PROD The Humane Society of the United States / Humane Society International Hurricane Harvey

BLACK BEAUTY RANCH

Duration: 1.5 min.

The Cleveland Amory Black Beauty Ranch is a world-renowned animal sanctuary in Murchison, Texas that was founded in 1979 by author and animal advocate Cleveland Amory. Take a virtual tour of this incredible facility, which is now home to nearly 1,000 domestic and exotic animals, many of which have been rescued from near-death situations. **HumaneSociety.org**

BLUE ABYSS

Viewable on Liquid Galaxy immersive panoramic platform

Explore *Blue Abyss* virtually. *Blue Abyss* will be the most comprehensive, commercial research and testing facility of its kind in the world. The pool's staged landings down to 50m and its partitioned floor space have been designed to be incredibly flexible, to allow multiple users to utilise the pool simultaneously for a variety of tasks. **Blue-Abyss.uk**

IMPACT VR

Duration: 5 min.

The *IMPACT VR* experience is a portal through which users can visualize their ecological footprint on the planet, based on demographic information entered, consumption data on plastic pollution, deforestation and fossil fuels. When presented with choices for changing behaviors, the impact of the users' footprint on the environment diminishes, creating a picture of a more sustainable future.

MillenniumArt.org

DIR Isabelle Fournet **EXEC PRO** Mia Hannak

LAND TO LAKE - CREATING EQUILIBRIUM

Duration: 2.5 min.

Land to Lake is an environmental art experience with data-driven storytelling that takes viewers on a journey through the anthropogenic (man-made) impacts on the terrestrial and aquatic ecology of the Lake Tahoe Basin, as well as the solutions required to restore balance. Ethereal narration by an indigenous tribal elder, one of the very last speakers of the ancient and endangered Washoe (Wašiw) language, intertwines with animated data visualizations to create an emotional connection to the Lake Tahoe region. **TahoePublicArt.org**

CONCEPT DES Mia Hanak

CUR DEVELOP/CREATIVE DES Isabelle Fournet

NATIONAL GEOGRAPHIC VR SERIES

Produced by BLACK DOT FILMS VR

for National Geographic Partners

BlackDotFilms.com • NationalGeographic.com

GALAPAGOS

Duration: 3 min.

Journey with National Geographic to the remote Galapagos Islands and come face to face with animals found nowhere else on Earth. In this breathtaking VR film, dive beneath the waters of the Galapagos into a feeding frenzy as dozens of sharks and tuna tear into a teeming school of thousands of fish — while seabirds dive into the bait ball from above.

ORANGUTAN SCHOOL

Duration: 9 min.

National Geographic VR takes you inside the International Animal Rescue sanctuary in the forest of Borneo to see what it takes to teach a baby orangutan ... to be an orangutan. There, a dedicated team of vets teaches these orphans (some of whom have never even seen a tree) everything they'll need to know to one day head out on their own, back into the wild.

CLIMBING GIANTS

Duration: 4 min.

Climb to the top of the biggest trees on Earth. Deep inside Sequoia and Kings Canyon National Parks a team of scientists are studying how these 3,000-year-old trees are reacting to a rapidly changing climate.

GREAT HAMMERHEAD SHARK ENCOUNTER

Duration: 3 min.

Dive into the crystal-clear waters of the Bahamas and come face to face with a curious great hammer- head shark. One of the most viral VR films of 2016, this film has been seen over 30 million times on Facebook and YouTube.

GLOW WORM CAVES OF NEW ZEALAND

Duration: 3 min.

Captured with custom-built 360 time-lapse motion control rigs, this 360 VR film plunges viewers deep into the caves of New Zealand, where glowing worms imitate the night sky to attract unsuspecting victims into their deadly webs.

FIND YOUR HAPPY TASTE

Stop by and sip free samples of Bai at the Goat Yoga area. You can also find your new favorite flavor at the Outdoor Adventure Zone while creating your own Come Grow With Us terrarium.



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EarthxInteractive Zone - VIRTUAL & MIXED REALITY

PALMYRA ATOLL 360°
The Ocean Agency/Seaview 360 Production in collaboration with NOAA Fisheries, US Fish & Wildlife, The Nature Conservancy
Duration: 5 min.
Palmyra Atoll is a National Wildlife Refuge in the Pacific Remote Islands Marine National Monument and a Nature Conservancy center for world-class ocean and climate scientific research. Palmyra's remoteness and high protection status means it is out of sight, out of mind to the majority of the world. By discovering this unique coral reef atoll and in 360 degrees, viewers can begin to understand what makes this place so special and worthy of marine conservation and protection.
Seaview360.com • Nature.org
DIR Christophe Bailhache **PROD** Sophie Ansel, Lorna Parry

THE PLANETARY SURVIVAL SCENARIO
Developed by the Human Interface Technologies Team, University of Birmingham, UK
Viewable on Liquid Galaxy immersive panoramic platform
This growing series of mixed reality vignettes is designed to show the importance of merging real, physical fidelity with computer-generated fidelity in technology-based training. Approach a planetary drone, which launches and relays aerial images. With the threat of an incoming dust storm, the user's task is then to locate and seek the shelter of a survival module.
Birmingham.AC.UK/Research/Activity/EESE/Communications-Sensing/Hit-Team

TREE
HTC VR for Impact
Duration: 8 min.
This critically acclaimed and haptically enhanced virtual reality experience transforms you into a majestic rain forest tree. With your arms as branches and body as a trunk, you'll experience the tree's life from a seedling to its fullest form and witness its fate firsthand. In *Tree*, users experience the cycle of life through the lens of the natural world. To ensure that *Tree* encourages not just awareness, but action, we've partnered with The Rainforest Alliance. **TreeOfficial.com • VRForImpact.com**
DIR Milica Zec, Winslow Porter

TUBBATAHA
The Ocean Agency/Seaview 360 Production in collaboration with the Oceanographic Museum of Monaco
Duration: 6 min.
Dive into one of the most beautiful seas in the world, the Sulu Sea. Join H.A.H Prince Albert II of Monaco during his visit to the remote reefs of Tubbataha in the Philippines for a critical turtle conservation project in collaboration with the Tubbataha Reef National Park.
Seaview360.com
DIR Christophe Bailhache **PROD** Olivier Dufourneaud

WILDLIFE PROTECTION SOLUTIONS: ENDANGERED SPECIES
Duration: 10 min.
The Wildlife Protection Solution mission is to use technology to conserve endangered species and ecosystems. Join this team on the front-lines of conservation and get up close with elephants, lions, buffalo, baby rhinos, monkeys and more. **WildlifeProtectionSolutions.org**
PROD Wildlife Protection Solutions

THANK YOU TO OUR GENEROUS PLATFORM SPONSORS
LIQUID GALAXY
Liquid Galaxy by End Point is an immersive panoramic media platform that displays Google Earth, maps, 3D models and 360 video, allowing viewers to interact to fly the world, visualize complex data, and participate interactively. **LiquidGalaxy.EndPoint.com**
GOOGLE DAYDREAM IMPACT
Daydream Impact is a program that gives changemakers the inspiration, guidance, and tools to improve reality using VR video. VR experiences can be a powerful way to engage, learn, and connect with others, and we want to enable nonprofits to create and share these stories.
VR.Google.com/Daydream/Impact

SAMSUNG GEAR VR
Gear VR is your portal to a new world where you can see, share, and do more—like relive moments in 360 degrees captured with the Gear 360 or travel to the places of your dreams. Immerse yourself in virtual worlds and embark on new adventures. Anything's possible with the Gear VR.
Samsung.com/Global/Galaxy/Gear-VR
DELL VR
Dell partners with industry-leading technology companies to solve today's most complex problems of application computing. Dell' highly collaborative approach results in tested, optimized solutions that can help you cut costs and raise efficiency and productivity. **Dell.com**
CORGAN MEDIA LAB
Corgan MediaLab creates 3D elements and motion graphics for TV, broadcast and interactive experiences. If it needs to wiggle, move, bounce, twirl or come to life, the MediaLab can do it. 2D and 3D visual FX, 3D modeling, character animation, 360 interactive experiences, environmental modeling and virtually anything you can think of, we can help you create.
Corgan.com/Story/Corgan-MediaLab/

THANK YOU TO OUR GENEROUS PARTNERS
AUSTIN MUSIC VIDEO FESTIVAL POP UP AND MIXED REALITY
Earthx is partnering with Austin Music Video Festival to present hyper-local music videos on the big screen ... including cutting-edge eco-installations curated by RESONATOR Experience Agency. Within a customizable digital landscape of EarthX conference landmarks, branding and sponsor elements, attendees can play each element as a reactive music instrument. **AMVFest.com • ResonatorAustin.com**
UNVR - A PROJECT IMPLEMENTED BY THE UN SUSTAINABLE DEVELOPMENT GOALS ACTION CAMPAIGN
Since January 2015, the UN SDG Action Campaign has coordinated the United Nations Virtual Reality Series to bring the world's most pressing challenges home to decision makers and global citizens around the world, pushing the bounds of empathy. The UN Virtual Reality Series shows the human story behind development challenges, allowing people with the power to make a difference have a deeper understanding of the everyday realities of those in danger of being left behind.
UNVR.SDGActionCampaign.org

EarthxFilm SCREENING GRID

FRI. APRIL 13	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	
ANGELIKA FILM CENTER DALLS									DITCH THE VAN/THE HUMAN ELEMENT 7:30 p.m. 128 min.				
SAT. APRIL 14	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM
DALLAS ARTS DISTRICT													“CHANGING PERSPECTIVES” SHORT FILM PARADE 10:30 p.m. 84 min.
ANGELIKA FILM CENTER DALLAS	FAMILY FRIENDLY SHORTS 1 11:00 a.m. 78 min.		EarthxYouth ONLINE FILM COMP. BLOCK 1:00 p.m. 60 min.		CITY ON THE WATER/ FROM THE ASHES 3:00 p.m. 132 min.		LET THEM LEAD SHORTS 5:45 p.m. 116 min.		A FIELD GUIDE TO LOSING YOUR FRIENDS/ CHARGED: THE EDUARDO GARCIA STORY 8:15 p.m. 128 min.				
ANGELIKA FILM CENTER DALLAS PANELS	JAMES BALOG IN CONVERSATION 11:00 a.m. 60 min.					WHAT MOTIVATES THEM 4:30 p.m. 60 min.							
SUN. APRIL 15	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	
TEXAS THEATRE					RODENTS OF UNUSUAL SIZE 3:00 p.m. 101 min.								
ANGELIKA FILM CENTER DALLAS	FAMILY FRIENDLY SHORTS 2 11:00 a.m. 71 min.		SKY MIGRATION/INVENTING TOMORROW 1:00 p.m. 129 min.		THE FARTHEST 4:00 p.m. 126 min.		WALK ON THE MOUNTAIN/UNFRACTURED 7:15 p.m. 142 min.						
MON. APRIL 16	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	
ANGELIKA FILM CENTER DALLAS									BEARTREK 7:00 p.m. 96 min.				
DALLAS COMEDY HOUSE								COMEDY4CLIMATE 6:00 p.m. 150 min.					
TUE. APRIL 17	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	
DALLAS CONTEMPORARY									ALBATROSS 7:00 p.m. 127 min.				
ANGELIKA FILM CENTER DALLAS									BIRD OF PREY 7:00 p.m. 95 min.				
WED. APRIL 18	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	
DALLAS FARMER’S MARKET								COMMON GROUND COMMUNITY DINNER WITH SCREENING OF TWO FILMS: ONE HUNDRED THOUSAND BEATING HEARTS/HOMEPLACE UNDER FIRE 6:30 p.m. 240 min.					
THU. APRIL 19	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	
WYLY THEATRE									THE GAME CHANGERS 7:30 p.m. 120 min.				

EarthxFilm SCREENING GRID

FRI. APRIL 20	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM
WOMEN'S MUSEUM THEATER	FAMILY FRIENDLY SHORTS 1 10:00 a.m. 78 min.		FAMILY FRIENDLY SHORTS 2 12:00 p.m. 71 min.							PERMAFROST NOW/THE HUMAN ELEMENT 6:45 p.m. 121 min.		
AFRICAN AMERICAN MUSEUM										ALBATROSS 7:00 p.m. 127 min.		

SAT. APRIL 21	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM
WOMEN'S MUSEUM THEATER		THE LAST ANIMALS 11:00 a.m. 122 min.			CITY OF WATER/ FROM THE ASHES 1:45 p.m. 134 min.			UNFRACTURED 4:45 p.m. 121 min.			A FIELD GUIDE TO LOSING YOUR FRIENDS/ CHARGED: THE EDUARDO GARCIA STORY 7:30 p.m. 122 min.	
HALL OF STATE THEATER			THE CURVE OF TIME/ANOTE'S ARK 11:30 a.m. 132 min.			HIGH SEAS JOURNEY TO COSTA RICA.../ CHASING THE THUNDER 2:15 p.m. 137 min.			THE GAME CHANGERS 5:15 p.m. 120 min.		SHORT FILM PARADE ON THE ESPLANADE FEATURING CHAMBER ENSEMBLE MONTPOLIS 8:15 p.m. 105 min.	
AFRICAN AMERICAN MUSEUM		THE PINES/WASTED! THE STORY OF FOOD WASTE 11:15 a.m. 115 min.			INVENTING TOMORROW 2:00 p.m. 134 min.			FAR FROM HERE SHORTS 5:00 p.m. 157 min.			LET THE LEAD SHORTS 8:15 p.m. 105 min.	
FILM BOX - WOMEN'S MUSEUM	FAMILY FRIENDLY SHORTS 1 10:00 a.m. 78 min.			RAINFOREST PARTNERSHIP AWARD WINNERS 12:30 p.m. 70 min.			RODENTS OF UNUSUAL SIZE 3:00 p.m. 101 min.					
WOMEN'S MUSEUM PANELS				STOPPING THE POACHERS 1:15 p.m. 60 min.								
CENTENNIAL BUILDING SPEAKER STAGE PANEL						FROM VIRTUAL ADVENTURER... 3:00 p.m. 60 min.						

SUN. APRIL 22	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM
WOMEN'S MUSEUM THEATER		UNFRACTURED 11:00 a.m. 121 min.			FAR FROM HERE SHORTS 2:15 p.m. 157 min.							
HALL OF STATE THEATER		HIGH SEAS JOURNEY TO COSTA RICA THERMAL DOME/ CHASING THE THUNDER 11:15 a.m. 137 min.				THE CURVE OF TIME/ANOTE'S ARK 2:15 p.m. 132 min.		AWARDS CEREMONY INTO THE OKAVANGO - THE BEATING HEART OF OUR PLANET 5:00 p.m. 154 min.				
AFRICAN AMERICAN MUSEUM		THE LAST ANIMALS 11:30 a.m. 122 min.										
FILM BOX - WOMEN'S MUSEUM	YOUTH ONLINE FILM COMPETITION 10:00 a.m. 100 min.			THE PINES/BEARTREK 12:30 p.m. 96 min.		DENALI'S RAVEN/BIRD OF PREY 3:00 p.m. 116 min.						
WOMEN'S MUSEUM PANELS				CLIMATE CHANGE NOW 1:15 p.m. 60 min.								
CENTENNIAL BUILDING SPEAKER STAGE PANEL						VIRTUALLY CONNECTED 3:00 p.m. 60 min.						



EarthxGlobalGala

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Friday, April 20th
Dallas, Texas

Perot Museum of Nature and Science

The eco-star-studded evening celebrates progress, hope and innovation toward a sustainable and secure future. The **EarthxGlobalGala** benefits year-round educational activities and environmental awareness.

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Your support will seed change and fund the planting of 12 trees
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 (treesisters.org) and Trees for the Future (trees.org).

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