Internal Agenda

4:00 – 4:45	Set up: Meeting Space/Vendors/Food Vendor
5:00 – 6:00	Check-In, Vendor Expo Opens, Social Hour
5:40	Buffet begins, announce compost/scraping method
5:50	Reminder of Interest Forms/Raffle
6:00 – 6:05	Welcome/Remarks *(Mayor Dunn)*
6:05 – 6:20	Overview of Sustainability – State of the Union *(Debra Filla)* Friends of SAB, Recycling, Trees, Community Garden Update, Conservation , Raffle Drawing
6:20 - 6:25	Bike/Walk Leawood *(Kevin Corbett)* North Loop, Leawood Family STRIDE 'N RIDE
6:25 – 6:55	A Greener Leawood; A Healthier World – What Can WE do? 20 minutes: Keynote Speaker – *Tom Jacobs, MARC*
6:55-7:10	What's New at City Hall - Fire, Police, Planning, Public Works (*Chuck Sipple), Raffle Drawing*
7:10 - 7:20	Wrap Up & Raffle Drawing/Prize Awards *(Chris Schultz)* Vendor List/2018 Dates to Remember Handout/Website info
7:20 – 8:00	Open Booths/Tables

Welcome:
Visit Our Partners

Instructions for Door Prizes

- Please fill out the Interest Form and update your HOA information.
- Return the Interest Form at the raffle table and receive 1 ticket.
- Please deposit your ticket in the door prize choice box asap. Drawings will be held 3 times during the presentation. Good Luck!

WASTE MANAGEMENT

rippleglass

Heartland Habitat for Humanity®

WaterOne
Water District No. 1 of Johnson County

JOHNSON COUNTY KANSAS
Health & Environment

BIKE WALK KC

KC CURBSIDE GLASS

MAK Management, LLC

MARC
Mid-America Regional Council

FIRE STOP FIRES SAVE LIVES DEPT.

LEAWOOD POLICE

GOOD ENERGY SOLUTIONS, INC.

true blue women

- Bike/Walk Leawood
- Leawood Cultural Arts
- The Leawood Foundation
- Leawood Information Services
- Leawood Public Works
- Leawood Parks & Recreation:
  Rain Gardens & Urban Forestry, Outdoor Education

HEARTLAND TURF & LANDSCAPE

WCA

Interest Card – Turn in for a ticket!

Leawood Sustainability Advisory Board

10th Annual Leawood Sustainability Summit

Interest Card

Please share your contact information so you can receive information and updates on occasion from the Sustainability Advisory Board and assist us in keeping accurate records.

Name _____

Address _____

Phone ☐ Home ☐ Cell ☐ Work _____

Phone ☐ Home ☐ Cell ☐ Work _____

Email _____

HOA _____

Position_____

Term Expiration_____

Would you like to join Friends of SAB? ☐ Yes ☐ No

Do you value the Citywide Recirculation Saturday? ☐ Yes ☐ No

LEAWOOD KANSAS Growing Green Together

✓ PLEASE CHECK TOPICS THAT INTERESTS YOU ✓

Recycling
- ○ Recycling
- ○ Waste Management
- ○ Hazardous Waste

Conservation
- ○ Air Quality
- ○ Trees
- ○ Water
- ○ Rain/Butterfly Gardens
- ○ Rain Barrels

Bike/Walk:
- ○ Biking Events for All Ages
- ○ Bike/Walk to School
- ○ Walking School Bus
- ○ Main Routes to School (MR2S)
- ○ Complete Streets (safe access for all)

Other
- ○ _____
- ○ _____

Agenda

Welcome Mayor Peggy Dunn

Sustainability Overview Debra Filla

Bike/Walk Kevin Corbett

Key Note Speaker: Tom Jacobs, MARC

What's New at City Hall Chuck Sipple

Wrap Up

Visit Our Partner Tables

SUSTAINABILITY ADVISORY BOARD

Our mission: To lead, educate, and collaborate with the Leawood community to encourage conservation, increase recycling, and promote biking and walking in the City of Leawood.

- The Green Citizen Initiative Task Force became a permanent committee in 2010.
- Your Green Team …
  - 9 Task Force Members
  - Alternating 2 year terms
  - 1 Honorary Member, 2 Council Members

SAB: WHO WE ARE

SUSTAINABILITY ADVISORY BOARD

Chuck Sipple, Chair/Council
Kathy Corbin
Alicia Jennings
Kenn Miller
Bob Pierson
Kevin Jeffries, Chamber of Commerce
Debra Filla, Vice-Chair/Council
Brian Cullum
Gareth Matthews
Scott Pashia
Jim Potter

BIKE/WALK LEAWOOD

Kevin Corbett, Chair
Alicia Jennings, Vice-Chair
Bill Blessing
David Harwood
Barry Nelson
Dan Schaeffer
Ron Schikevitz

COMMUNITY GARDEN TASK FORCE

Kayla Bruce
Debra Filla
Jane Crow
Hershey Hershman

TREE SUBCOMMITTEE

Thad Carver
Jim Earnest
Jim Decker
Bruce North

STAFF LIAISONS

Chris Claxton, Director of Parks & Recreation
Brian Anderson, Parks Superintendent
Dustin Branick, Horticulture & Forestry Supervisor
Scott Gamerl, Outdoor Education Supervisor
Marica Putman, Administrative Graphics Tech
Phil Goff, Bike Police Officer
Mark Hackathorn, Police Officer
Mark Klein, Planning Official
David Ley, Interim Public Works Director

Want to Do More?

Join Friends of SAB

To Join: send email to FriendSABLeawood@gmail.com

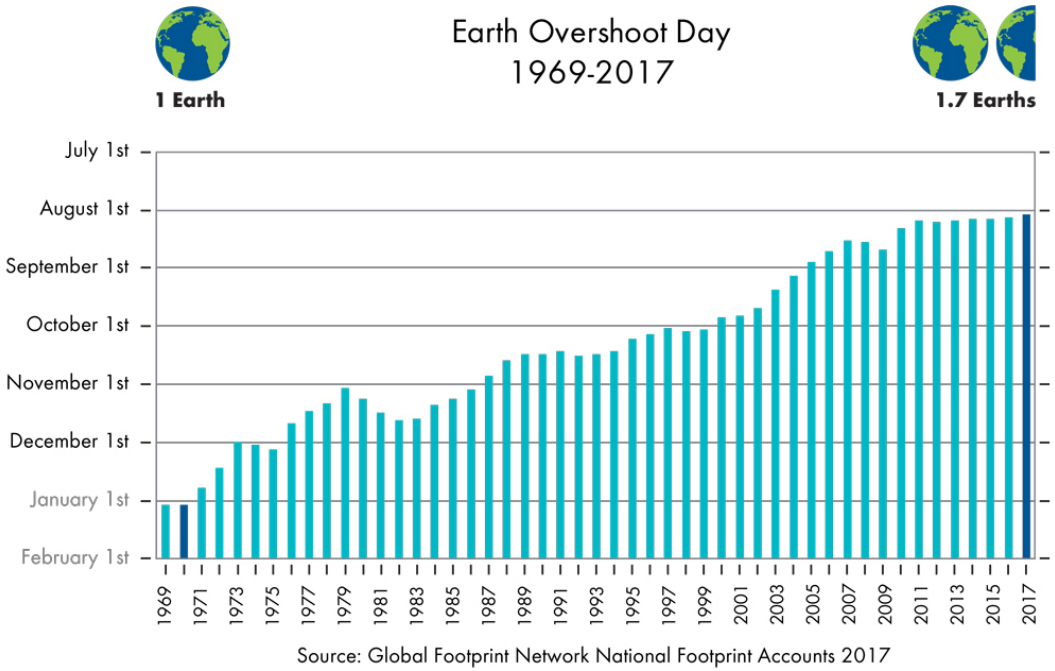
Friends of SAB:

- A program to communicate SAB programs to you
- Friends have the opportunity to “share” news of these programs and contribute to their success
- Participation is purely via email…with limited (and selective) emails sent

EARTH OVERSHOOT DAY

August 2nd

The approximate date human demands on the planet exceeded nature's budget.



Global Footprint Network

What's your Footprint? Take the Quiz at:

http://www.footprintnetwork.org/en/index.php/GFN/page/calculators

Find Your Personal Earth Overshoot Day

New mobile-friendly calculator to measure:

- your Ecological Footprint
- your personal Earth Overshoot Day
- learn about solutions to tread more lightly on the Earth

Conservation

Gardens

2018 Prairie Oak Nature Center Classes in Ironwoods Park

Pilot at Fire Station 1 continues thru 2018
Sign up on-line or email Kim Curran (kimc@leawood.org)

We are looking for garden partners. Interested?
Contact Brian Anderson at briana@leawood.org

Locally Grown

OUR VISION

When it comes to Locally Grown ~ Leawood

- Knows It
- Grows It
- Eats It
- Shares It

Emerald Ash Borer Update

- EAB has been found in Leawood and is killing ash trees
- City-owned ash trees have been on a treatment plan for 5 years
- EAB was found as far west as Shawnee County in 2017

Water Conservation

Slow it down – Spread it Out – Soak it In

- Plant a rain garden
- Install a rain barrel
- Plant a tree
- Plant a butterfly garden

Click here for more info on Rain Gardens

'Cost-Sharing' Matching Dollars for Rain Gardens, Rain Barrels and Trees

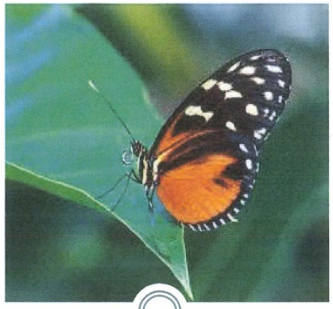
Grants up to $1,000!

Visit leawood.org/costsharing for forms and details

The City of Leawood and Johnson County Stormwater Management Program will provide a 50% match on BMP's, up to $1,000 for rain gardens or native planting, bio-swales/stream buffers, a 50% match on rain barrels, up to $75 each.

50% match on trees, up to $100 per tree!

Native Trees



BMP Cost Share Program
Best Management Practices

or could it be...

B = Butterflies
M = Milkweed
P = Ponds

Or

B = Better way to
M = Make your yard
P = Pretty and purposeful

However you call it,
we are here to help!

Leawood Public Works Dept.

Native Plants

Take advantage of native plant cost-share programs for many Johnson County, KS cities*

Attract more butterflies and birds to your yard and garden with native plants.

*Native landscaping plans must be pre-approved by cities to receive cost-share reimbursement, contact your city for details.

Are you interested in saving water and expenses when hydrating your lawn or building a garden that treats rain water and attracts birds and butterflies?

Leawood is participating in the Johnson County BMP (Best Management Practices) Cost Share Program.

City of Leawood
NON-DISCRIMINATION STATEMENT

In accord with various Federal and State civil rights legislation, the City of Leawood does not discriminate against individuals regardless of race, ethnicity, color, religion, gender, national origin, age, marital status, medical condition or disability.

Recycling

Leawood Parks & Recreation Recycling

Recycling barrels are painted Green and are available in all shelter houses and other park facilities.

Staff recycles cardboard, plastic, metal and glass generated from internal and external facility usage

Recycling Robots

created and displayed by Kathy Corbin

Take the Quiz!

Pick Up Your Copy by the Robots

OVERLAND PARK
KANSAS

Kansas City Of Leawood

The City of
Prairie Village, Kansas

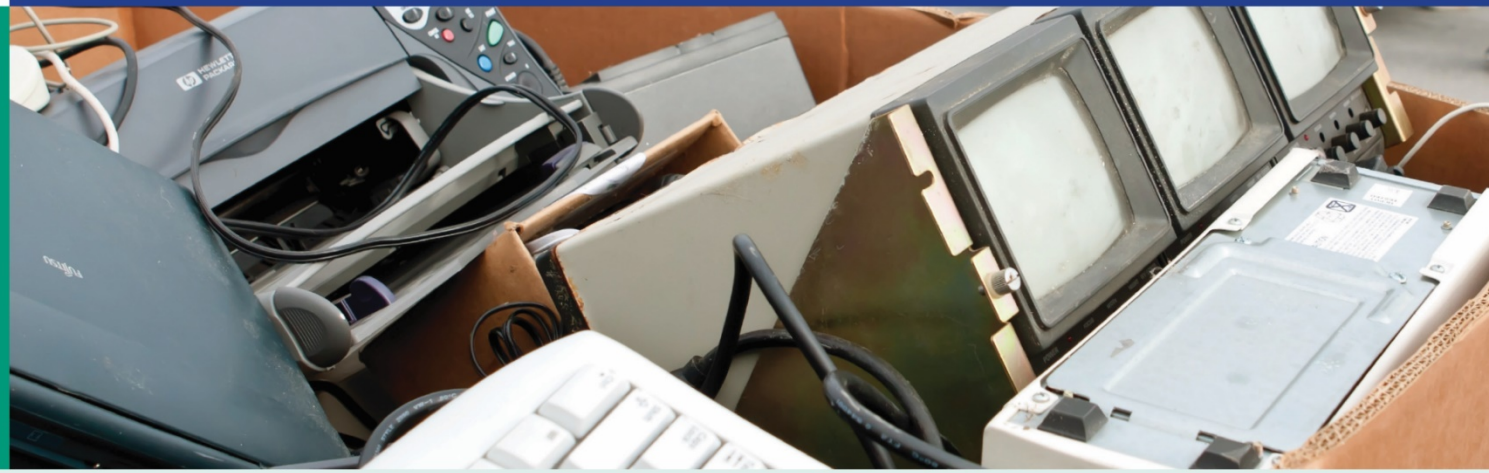
The cities of Overland Park, Leawood, and Prairie Village are conducting a

Recycling Extravaganza

Please visit the
Overland Park website
http://opkansas.org
for more information
or contact

Jim Twigg at 913.895.6273

or via email:
Jim.Twigg@opkansas.org



SATURDAY • APRIL 21ST • 8:00 AM - 2:00 PM

JOHNSON COUNTY COMMUNITY COLLEGE

12345 College Blvd • Overland Park, KS 66210

Midwest Recycling Center

- computers, radios, stereos, CD players, small electronics, flat panel TVs and monitors, printers, cell phones, electronic parts, etc. (no charge)

ProShred Security

- confidential documents destroyed onsite while you watch
- paper clips and staples are ok - no loose leaf binders

Unleashed Pet Rescue

- crates, kennels, blankets, sheets, towels, dog collars, leashes, bags of dry dog food, canned dog and cat foold, and scoopable cat litter

REDUCE • REUSE • RECYCLE

Citywide recirculation SATURDAY

September 15, 2018

LET IT GO.
GIVE NEW LIFE.
RECIRCULATE.

You may set out items Saturday morning starting at 7 am.

People can pick-up any **curbside items** they want *(please do not take items from midway/upper driveway portion - if you are unsure, ask the homeowner).*

Unpicked or leftover items must be removed by Monday morning by the homeowner. There will be no pick-up by the city.

The City of Leawood is not responsible for lost, misplaced, or stolen items taken from your property.

LET'S RECYCLE LEAWOOD!

Bike/Walk

Bike/Walk Leawood

School Days
Wednesday May 9

Bike To Work Week
May 14-18

Leawood Family STRIDE ‘N RIDE
June 9

Cycling Loop
North Loop Summer 2018

Leawood Family "STRIDE 'N RIDE"

Purpose: To Encourage and Educate the community about healthy transportation and fitness as a family lifestyle.

When: June 9th, 2018 - 9 am to 1 pm

Where: City Park, 10601 Lee Blvd.

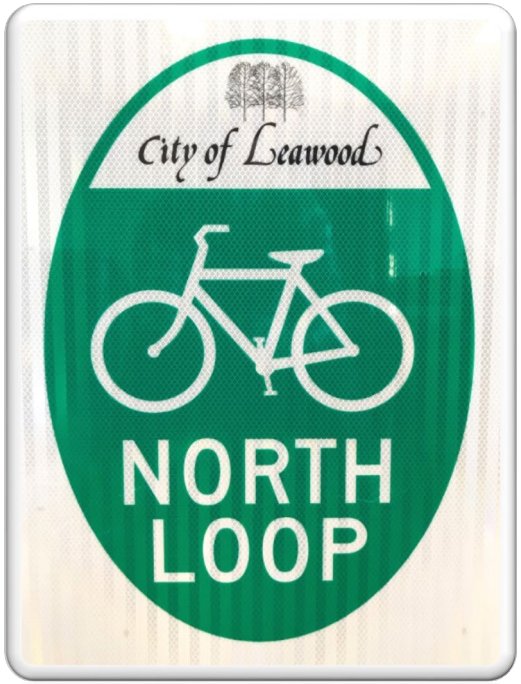
Cost: FREE!

Activities:
- Bike Rodeo Course
- Mountain Bike Ride
- Helmet Fitting
- North Loop Ride
- Walking Scavenger Hunt
- Healthy Food Trucks
- Various Vendors
- FreeState BMX Stunt Show
- Music

North Loop Cycling Route

COMING THIS SUMMER!

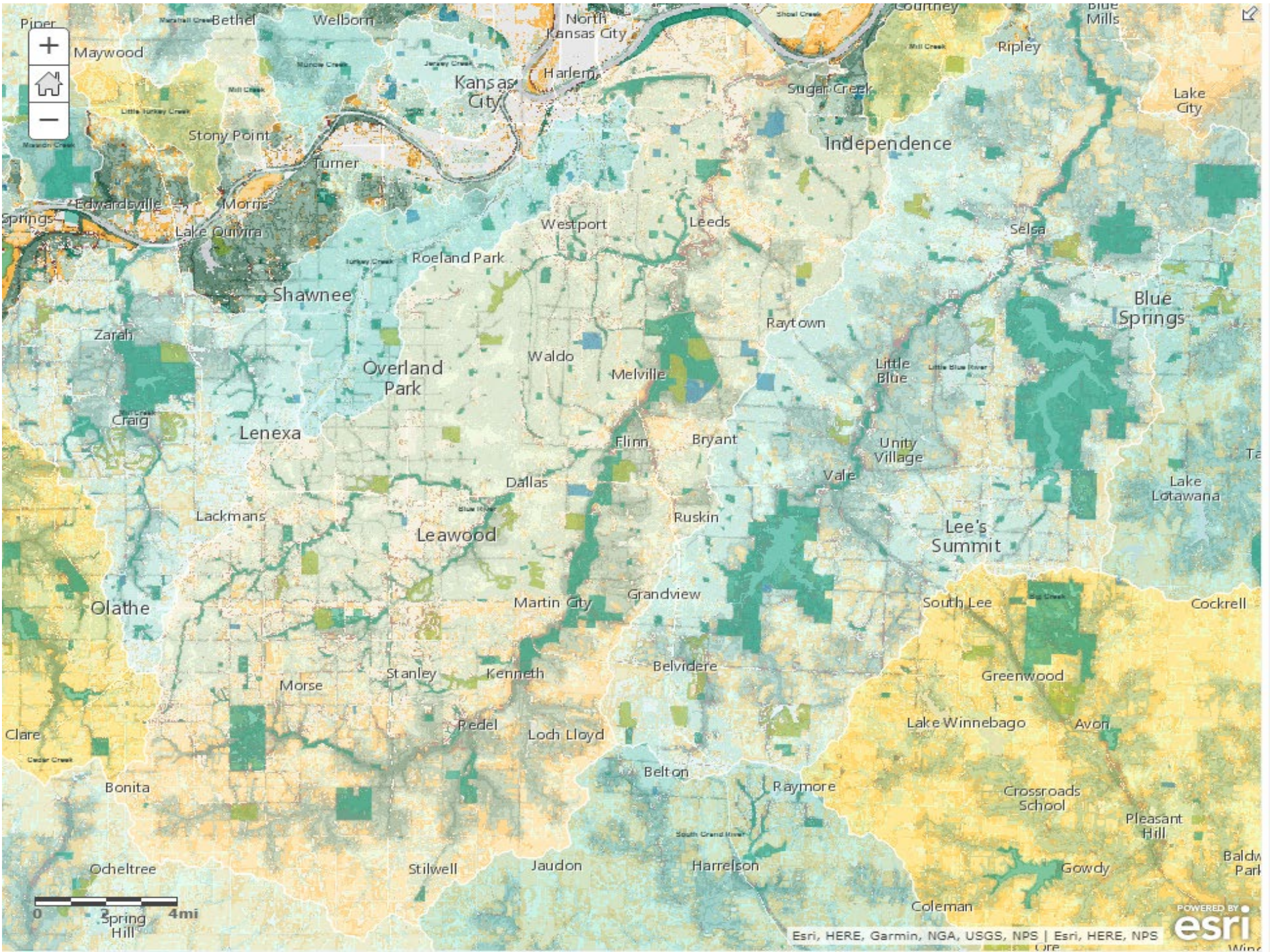
- **Approximately 12 miles in length**
- **Starts and returns at City Park**
- **Travels through residential neighborhood streets – low traffic, low speed limits**
- **Suitable for beginners or advanced adult cyclists**
- **Suitable for families with adult supervision - it crosses several arterial streets**
- **A good way to introduce bicycling on streets**



Raffle Time

Keynote Speaker

Tom Jacobs, MARC


Piper
Bethel
Welborn
North Kansas City
Courtney
Blue Mills
Maywood
Ripley
Harlem
Kansas City
Sugar Creek
Lake City
Stony Point
Independence
Turner
Edwardsville
Morris
Springs
Lake Quivira
Westport
Leeds
Selsa
Roeland Park
Shawnee
Blue Springs
Raytown
Zarah
Waldo
Overland Park
Melville
Little Blue
Craig
Lenexa
Flinn
Bryant
Unity Village
Vale
Dallas
Lake Lotawana
Lackmans
Ruskin
Leawood
Lee's Summit
Olathe
Martin City
Grandview
South Lee
Cockrell
Belvidere
Stanley
Kenneth
Morse
Greenwood
Redel
Loch Lloyd
Lake Winnebago
Avon
Clare
Belton
Bonita
Raymore
Crossroads School
Pleasant Hill
Odeltree
Stilwell
Jaudon
Harrelson
Gowdy
Coleman
Spring Hill
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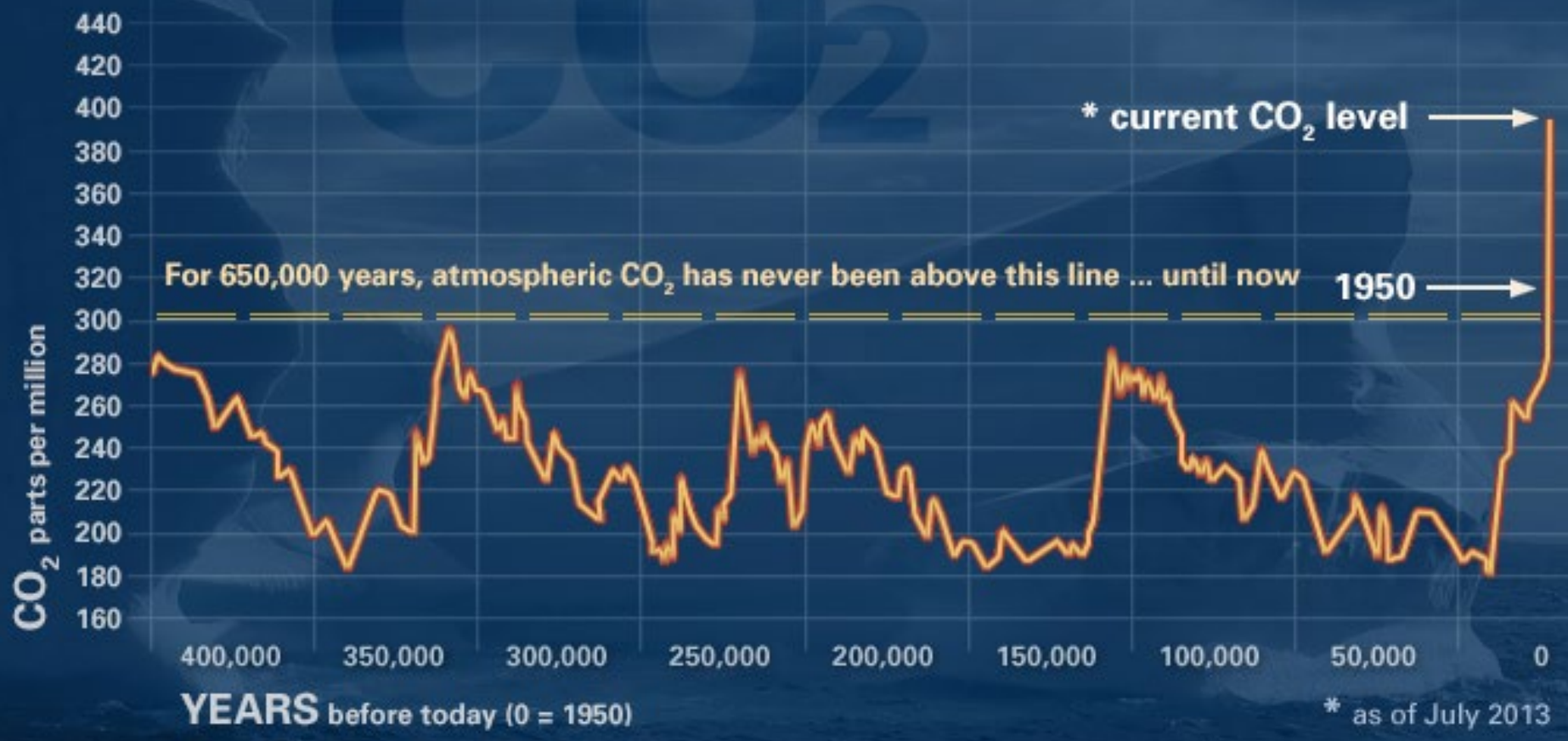
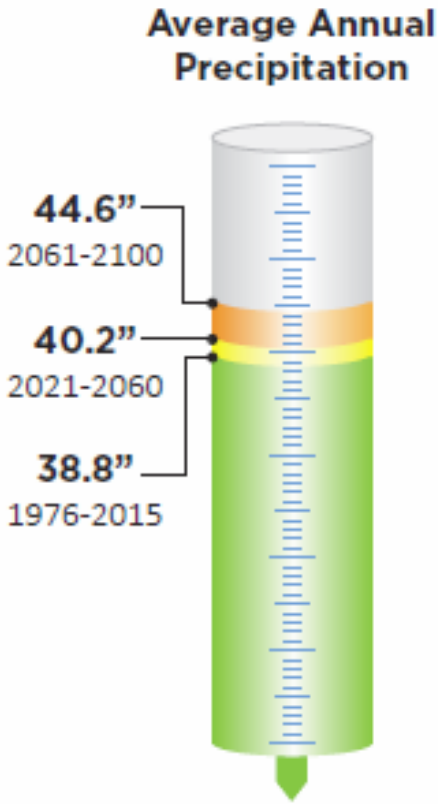
Esri, HERE, Garmin, NGA, USGS, NPS | Esri, HERE, NPS
POWERED BY esri

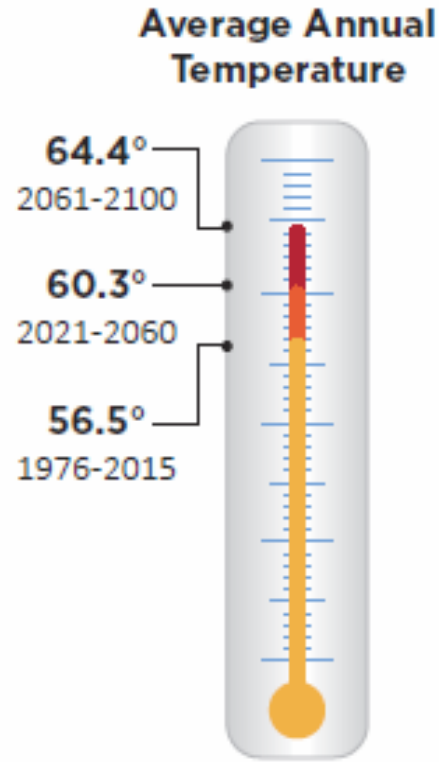
Carbon Dioxide levels are highest in 650,000+ years



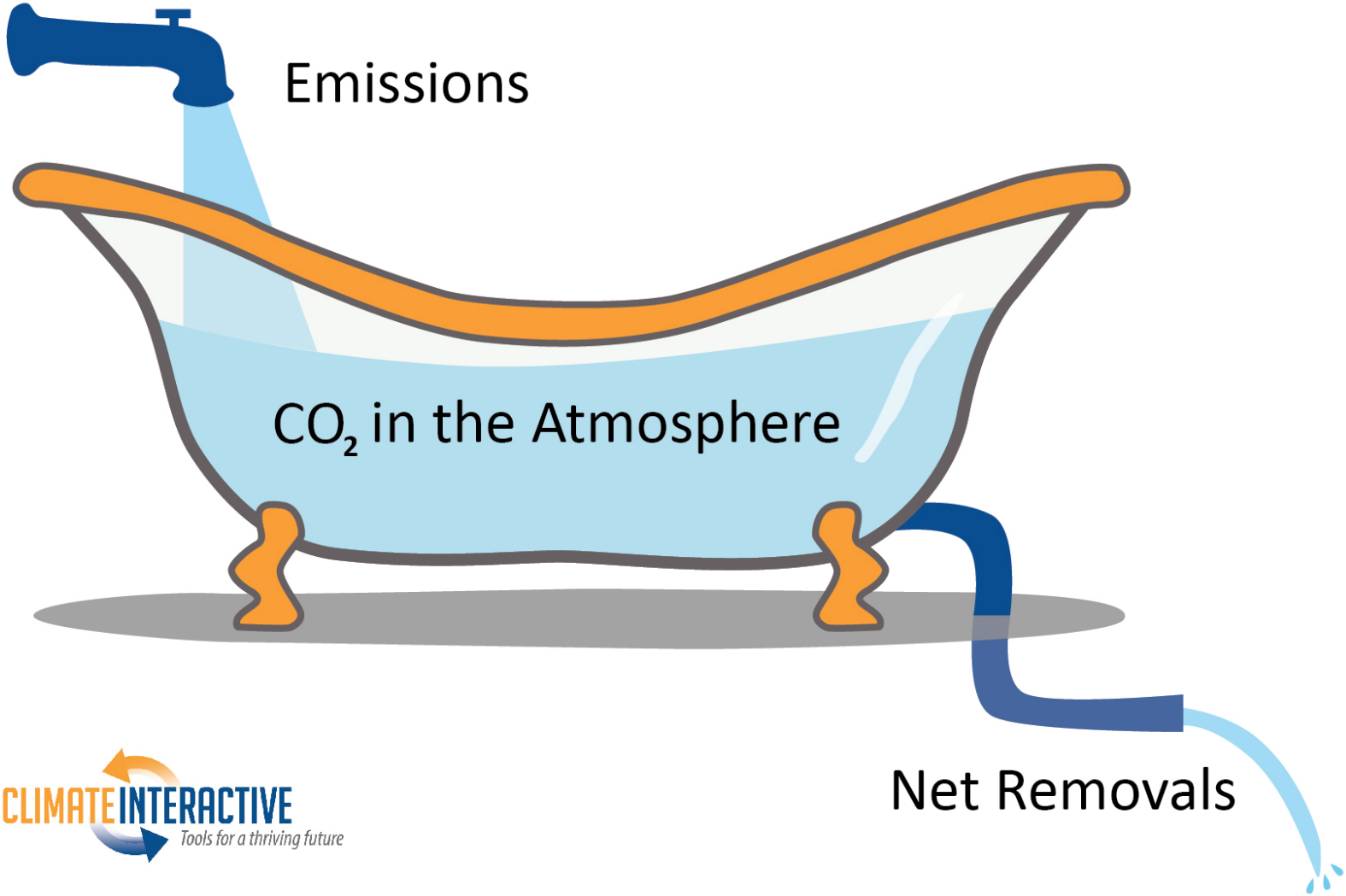
GLOBAL CLIMATE CHANGE
climate.nasa.gov

KC Climate Projections





Source: Dan Walker, Ph.D. A.M. ASCE, Climate Moneys LLC, and Christopher Anderson, Ph.D., Iowa State University, www.climatelook.com

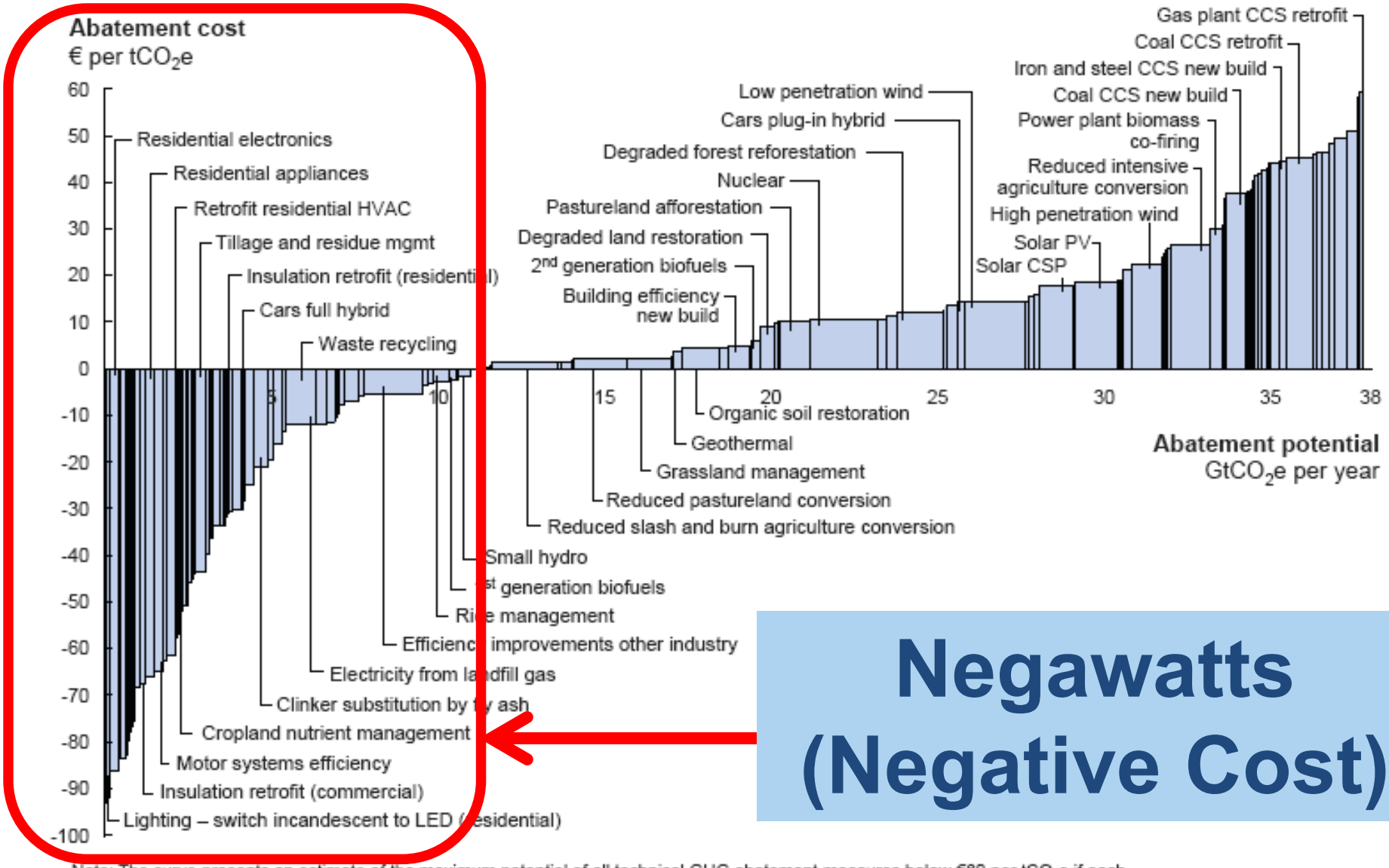


CLIMATE INTERACTIVE
Tools for a thriving future

Overall framing by Dr. John Sterman, MIT Sloan

Cost of Emissions Abatement

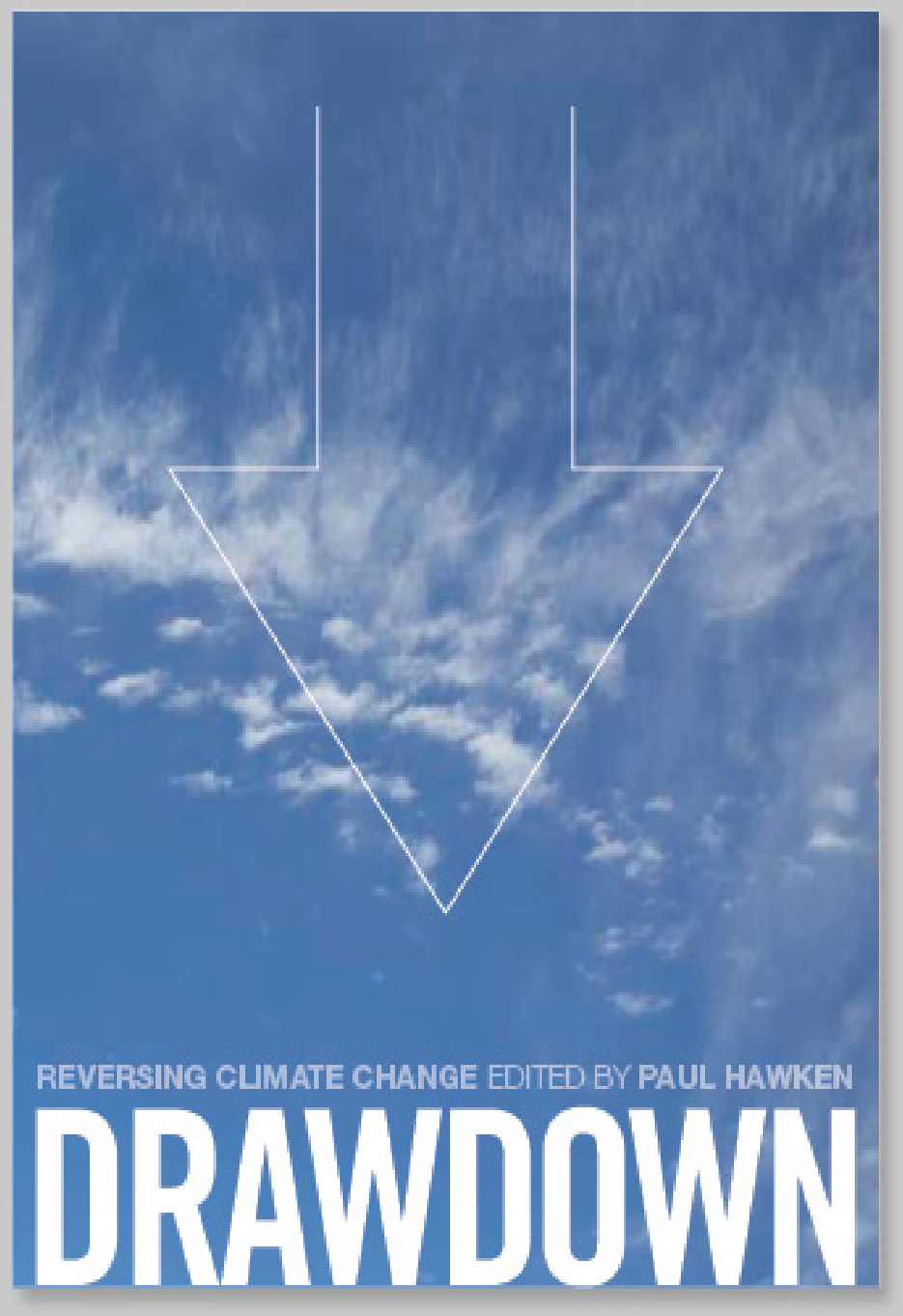
Global GHG abatement cost curve beyond business-as-usual – 2030



Negawatts (Negative Cost)

Note: The curve presents an estimate of the maximum potential of all technical GHG abatement measures below €60 per tCO_2e if each lever was pursued aggressively. It is not a forecast of what role different abatement measures and technologies will play.
Source: Global GHG Abatement Cost Curve v2.0

Source: McKinsey


REVERSING CLIMATE CHANGE EDITED BY PAUL HAWKEN
DRAWDOWN

What can be done?

First we must admit that climate change is everyone's problem. No agency, government, or scientist can "fix it" for us. We are all in this together.

We got here because of our lifestyle. So our lifestyle has to change.

Here's what you can do…

PHILADELPHIA
1776

Heating and Cooling

- Install programmable thermostats.
- Check and repair weather stripping on doors and windows.
- Adjust your clothing instead of the thermostat.
- Keep furnace and AC filters clean.
- Consider closing off unused rooms.
- Install insulated drapes.
- Plant deciduous trees on the sunny side of your home.

What other ways can you conserve heat and AC?

Conserve Hot Water

In the average home, 17% of energy is used to heat water.

http://www.eia.doe.gov/kids/energyfacts/uses/residence.html

- **Take shorter showers.**
- **Install low flow shower heads.**
- **Install a blanket on your hot water heater.**
- **Insulate hot water pipes.**
- **Wash laundry in cold water.**
- **Only run the dishwasher if it's full.**
- **Fix leaky faucets**

What other ways can you cut down on hot water use?

Conserve in the Car

- Plan ahead – do several errands in a single trip.
- Walk or bike. It's healthier anyway.
- Clean out the junk in the trunk. Lighter cars get better mileage.
- Make sure your engine is properly tuned.
- Keep your tires properly inflated.
- Carpool or ride the school bus.
- Support public transportation.
- Consider a smaller car or a hybrid for your next vehicle.

What other ways can you use less gas?

Conserve Electricity

- Unplug chargers for cell phones and other appliances when not in use.
- Get in the habit of turning lights and appliances off.
- Vacuum the coils on the back of the fridge monthly.
- Change to compact fluorescent bulbs.
- Make your next computer a laptop.
- Install timers or motion sensors on outdoor lights.

What other ways can you conserve electricity?

Reduce waste

- Recycle and buy recycled products.
- Choose products that have less packaging.
- Reuse, repair, or donate.
- Don't buy it unless you really need it.
- Carry cloth bags when shopping.
- Use a refillable travel mug or water bottle.
- Give your time instead of material gifts, or donate to a charity in the recipient's name.

What other ways can you cut down on waste?

Students

Tom Jacobs
Mid-America Regional Council
tjacobs@marc.org
816-701-8352

Raffle Time

What's New at City Hall

Development

- Saint Luke's Hospital
- 150 Room Hotel
- Hallbrook Villas
- Waste Water Treatment Plant
- Fairways of Ironhorse Senior Living
- 24 Home Subdivision
- Brookwood Elementary School

What's New at City Hall

Fire

- New Fire Truck

What’s New at City Hall

Fire

- New Fire Truck
- 3 New Paramedics
- ISO 1 Rated and Accredited

What's New at City Hall

Parks & Recreation

- Vista 154 at Ironhorse

What's New at City Hall

Parks & Recreation

- Variety KC Playground

What's New at City Hall

Parks & Recreation

- 2 New Art Pieces Coming

What's New at City Hall

Parks & Recreation

- 100 Year Floods

What’s New at City Hall

Police

- CAPTURE

C.A.P.T.U.R.E.

***C**ommunity **A**nd **P**olice **T**eam **U**p to **R**ecord **E**vidence*

C.A.P.T.U.R.E. provides a data base of security camera systems in both residential and business areas of the city, which allows the police department to request owners of the camera systems to review footage if a crime has been committed in the area. The police department never has access to camera systems, only the footage once requested by law enforcement for an investigation.

What’s New at City Hall

Police

- **Next Door App**

Nextdoor

- A free and private social media network for your neighborhood.
- Provides a trustworthy platform where neighbors work together to build better communities.
- Increases the flow of crime prevention information directly to residents.

What's New at City Hall

Police

- **Prescription Take Back Date with DEA – April 28th**

What's New at City Hall

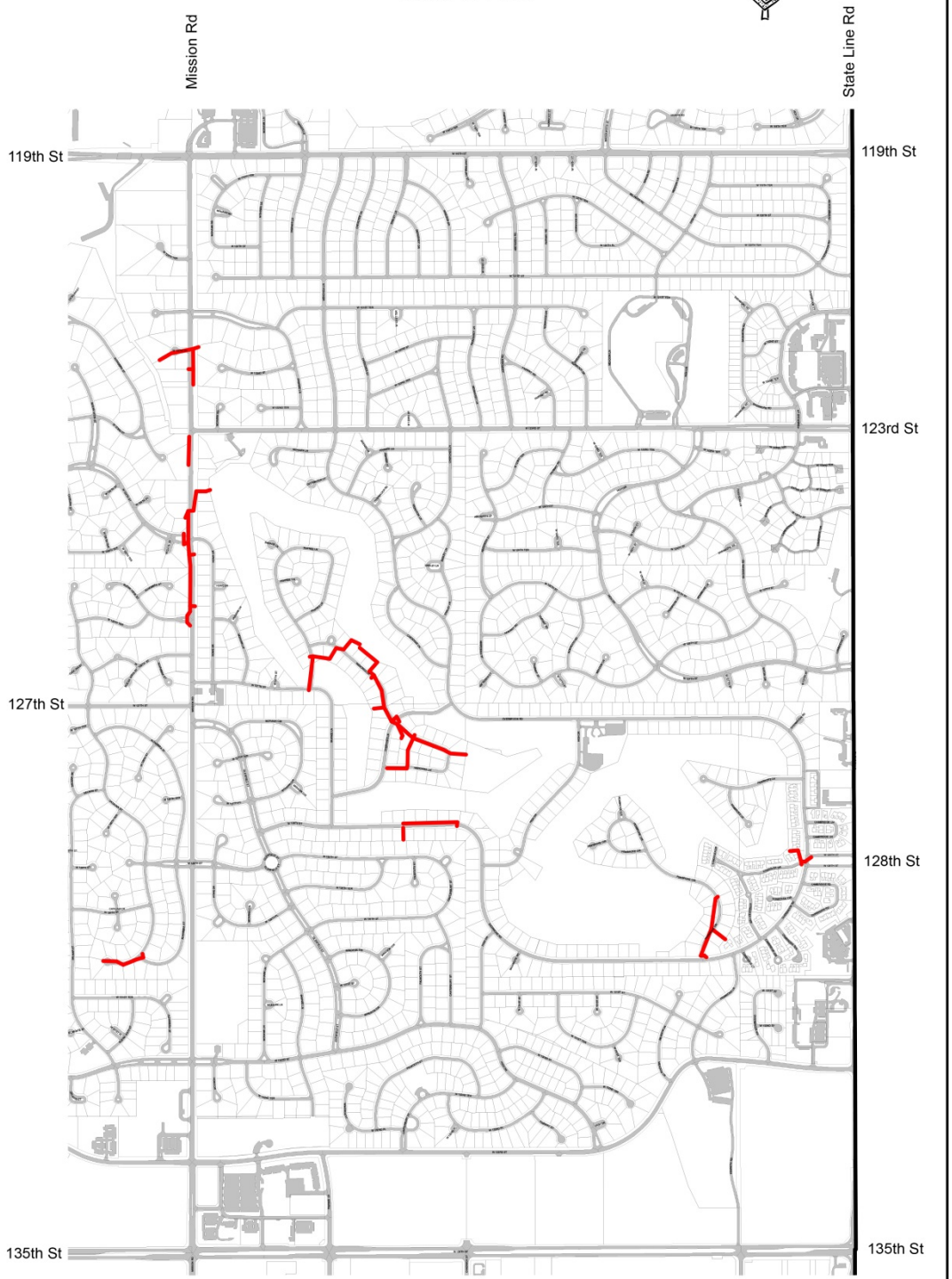
Police

- Coffee with a Cop – Check website for dates and locations.
- Next one will be March 10th at 10:00 am at Starbucks, 135th and Briar.

What's New at City Hall

Public Works

- LED Lighting on 135th Street
- Metal Pipe Replacement


Mission Rd
State Line Rd
119th St
119th St
123rd St
127th St
128th St
135th St
135th St

What's New at City Hall

Public Works

- LED Lighting on 135th Street
- Metal Pipe Replacement
- Mission Road 119th to 127th Street
- 143rd Street Utility Relocation

Mark Your Calendar

- April TBD — Prairie Village Earth Fair
- April 21 — Recycling Extravaganza at JCCC
- April 22 — Earth Day Celebration
- March 31 — Spring Trail Clean-Up
- April 28 — Rx Take Back Day
- May 9 — Bike/Walk to School
- May 14-18 — Bike to Work Week
- June 9 — Leawood Family STRIDE ‘n RIDE
- Sept 15 — Citywide Recirculation Saturday
- Oct 3 — International Bike/Walk to School
- Fall TBD — Fall Trail Clean-Up
- Fall TBD — Recycling Extravaganza

SAVE THE DATE 11th Annual Sustainability Summit | February 21, 2019

Learn more: leawood.org/sustainability

This presentation is on-line…we are willing to come to your HOA

Presentation is available at leawood.org/sustainability

Be the Difference.

THINK GREEN & SAVE YOUR WORLD

Raffle Time

Thank You!
Visit Our Partners

Save the Date!

Thursday, February 21, 2019

11th Annual Leawood
Sustainability Summit
& HOA Dinner Meeting

- Bike/Walk Leawood
- Leawood Cultural Arts
- The Leawood Foundation
- Leawood Information Services
- Leawood Public Works
- Leawood Parks & Recreation:
  Rain Gardens & Urban Forestry, Outdoor Education