

Lake Pontchartrain

GREEN INFRASTRUCTURE NEEDS PLANNERS: HOW PLANNERS SHOULD BE PUSHING THE RESILIENCY AGENDA

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**MS COMMUNITY AND
REGIONAL PLANNING**
UNIVERSITY OF TEXAS

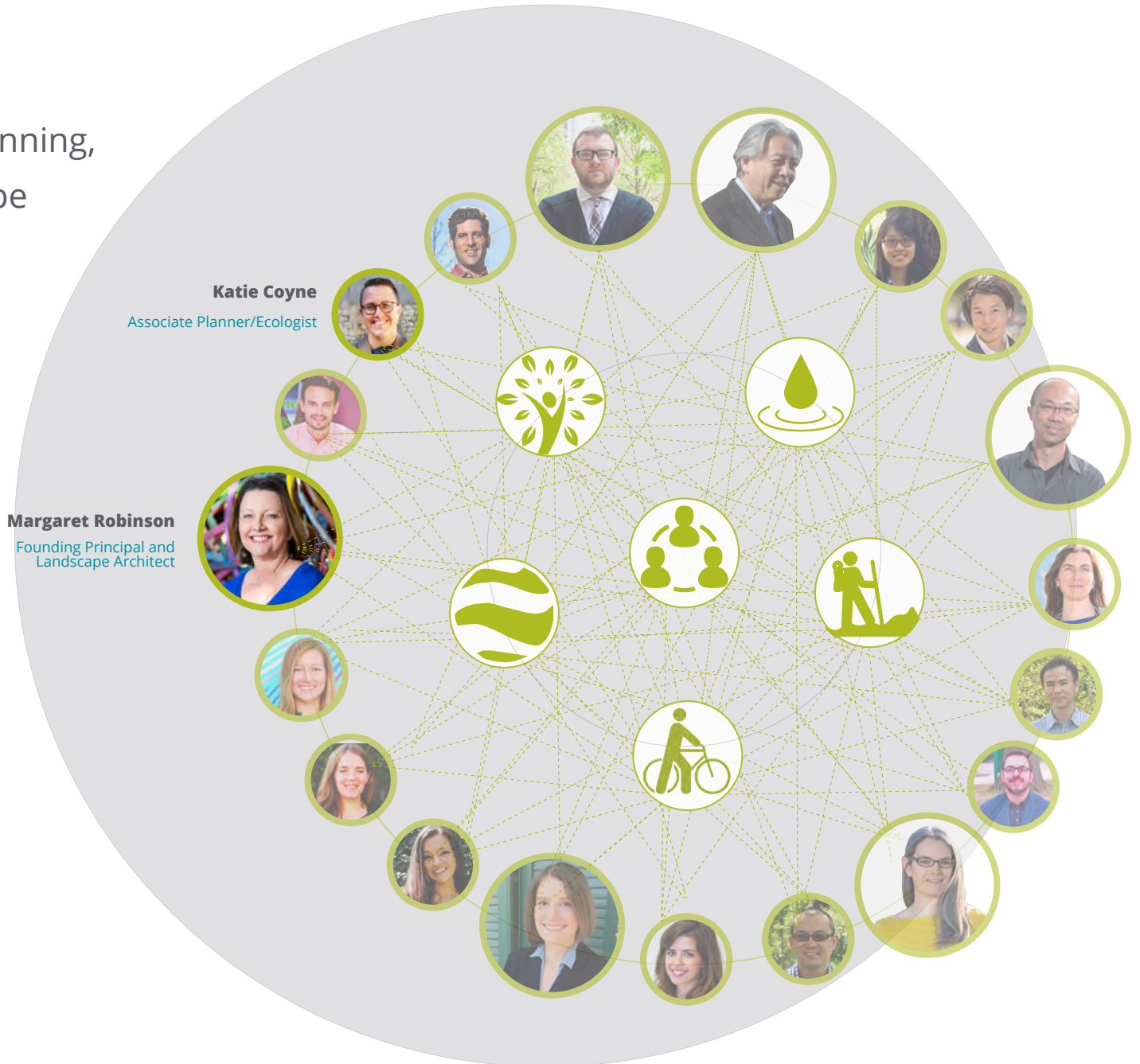
MS SUSTAINABLE DESIGN
UNIVERSITY OF TEXAS

BS ECOLOGY
UNIVERSITY OF FLORIDA

**asakura
robinson**

WHO WE ARE

Asakura Robinson is a planning, urban design, and landscape architecture firm which strengthens environments and positively impacts communities through innovation, engagement, stewardship, and an integrated design and planning process.



THE URBAN ECOLOGY STUDIO



MAIN POINTS

1. SYSTEMS THINKING 101

- What is it and why does it matter?

2. THINKING BEYOND THE SITE

- The importance of scale

3. STACKING LANDSCAPE FUNCTIONS

- Multifunctionality as a question of values

4. THAT'S COMPLICATED!

- A how-to example of thinking about multifunctional systems across scales

5. UNDERSTANDING VALUES

- Communicating internally
- Communicating with communities
- Communicating with policy-makers

6. ENGAGING EFFECTIVELY (TO UNDERSTAND VALUES)

- Engagement strategies and lessons from practice



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IN EDUCATION

"Systems thinking utilizes habits, tools and concepts to develop an understanding of the interdependent structures of dynamic systems. When individuals have a better understanding of systems, they are better able to identify the leverage points that lead to desired outcomes." (The Waters Foundation)

IN MANAGEMENT AND LEADERSHIP

"Systems thinking is a management discipline that concerns an understanding of a system by examining the linkages and interactions between the components that comprise the entirety of that defined system." (The Institute for Systemic Leadership)

IN RESILIENCE

"The idea that nothing exists in isolation—but only as part of a system." And, "Systems thinking would enable us to perceive the patterns that connected otherwise disparate things and to detect the counter-intuitive logic underlying an often deceptive reality, thereby creating more coherent diagnoses, policies, and plans." (resilience.org)

IN URBAN PLANNING

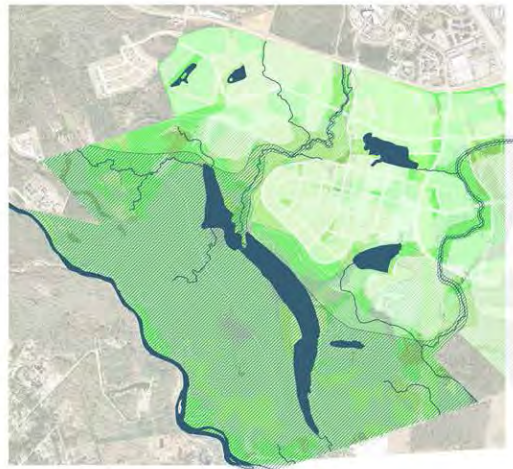
"Systems thinking can make cities work for people." And, "Understanding a city as a whole and finding pathways to more sustainable futures means integrating urban design, strategic thinking, economic analysis and engineering knowledge. It requires an appreciation of the complex interactions between different urban systems – everything from transport networks to social networks." (thoughts.arup.com)

IN ECOLOGY

"Systems thinking is the process of understanding how things influence one another within a whole. In nature, systems thinking examples include ecosystems in which various elements such as air, water, movement, plants, and animals work together to survive or perish. In organizations, systems consist of people, structures, and processes that work together to make an organization healthy or unhealthy. Systems Thinking has been defined as an approach to problem solving, by viewing "problems" as parts of an overall system, rather than reacting to specific part, outcomes or events and potentially contributing to further development of unintended consequences." (environment-ecology.com)



URBAN ECOLOGICAL APPROACH



ecological 

IS NEVER

socially neutral

(and vice-versa)





Time Magazine, Sept. 2015

From 2006 to 2011, large swaths of Syria suffered an extreme drought that, according to climatologists, was exacerbated by climate change. The drought led to increased poverty and relocation to urban areas, according to a recent report by the Proceedings of the National Academy of Sciences and cited by Scientific American. "That drought, in addition to its mismanagement by the Assad regime, contributed to the displacement of two million in Syria," says Francesco Femia, of the Washington, D.C.-based Center for Climate and Security. "That internal displacement may have contributed to the social unrest that precipitated the civil war. Which generated the refugee flows into Europe." And what happened in Syria, he says, is likely to play out elsewhere going forward.





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SCALER THINKING



**BAGBY
STREET,
HOUSTON,
TX:**

0.62 MILES



**AMD SITE:
59 ACRES**



WALLER 3, AUSTIN, TX:

700 ACRES

MUELLER DEVELOPMENT, AUSTIN, TX:

700 ACRES

SOUTH CENTRAL WATERFRONT, AUSTIN, TX:

118 ACRES

AMD SITE, AUSTIN, TX:

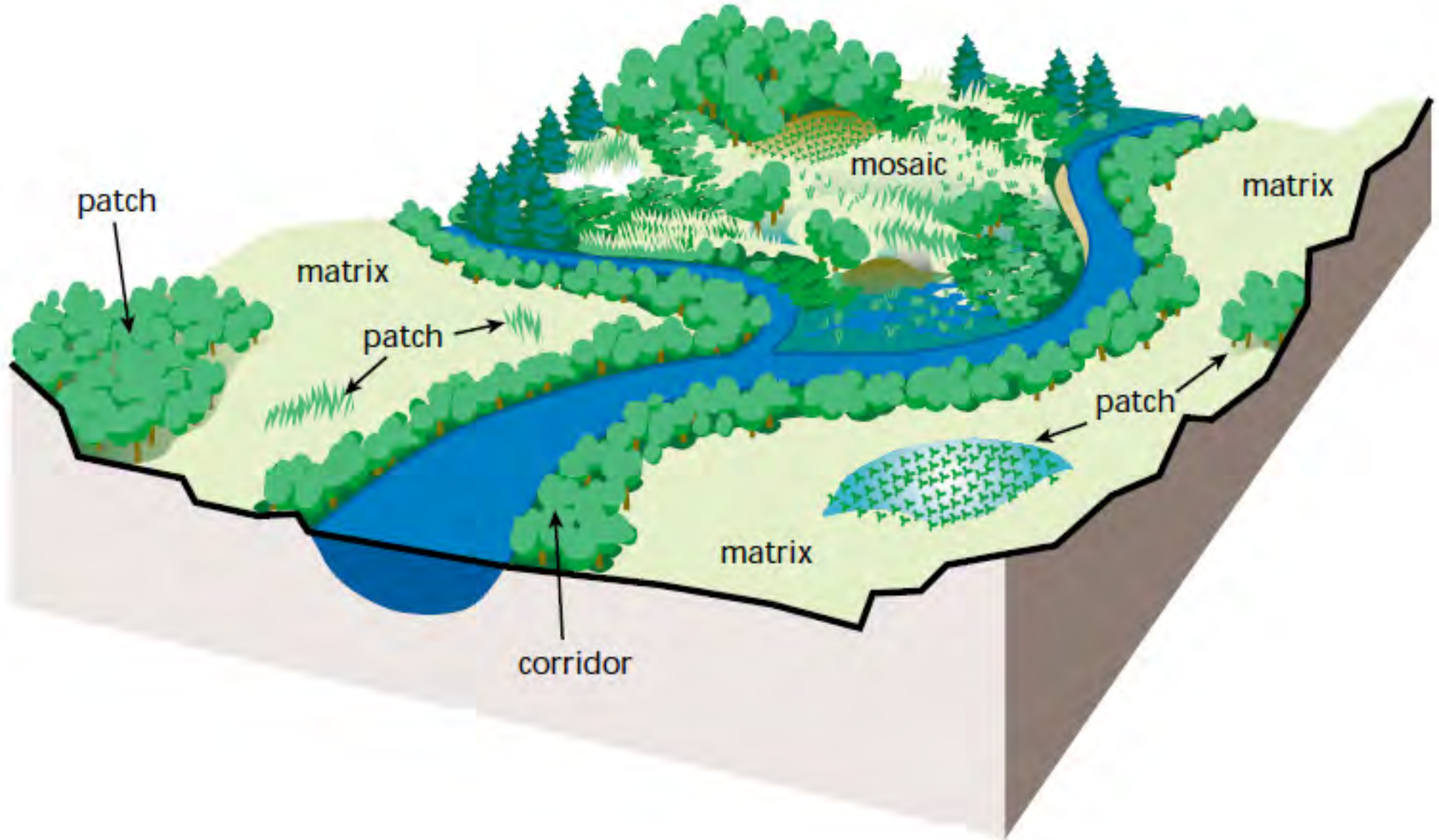
59 ACRES

BAGBY STREET, HOUSTON, TX:

0.62 MILES

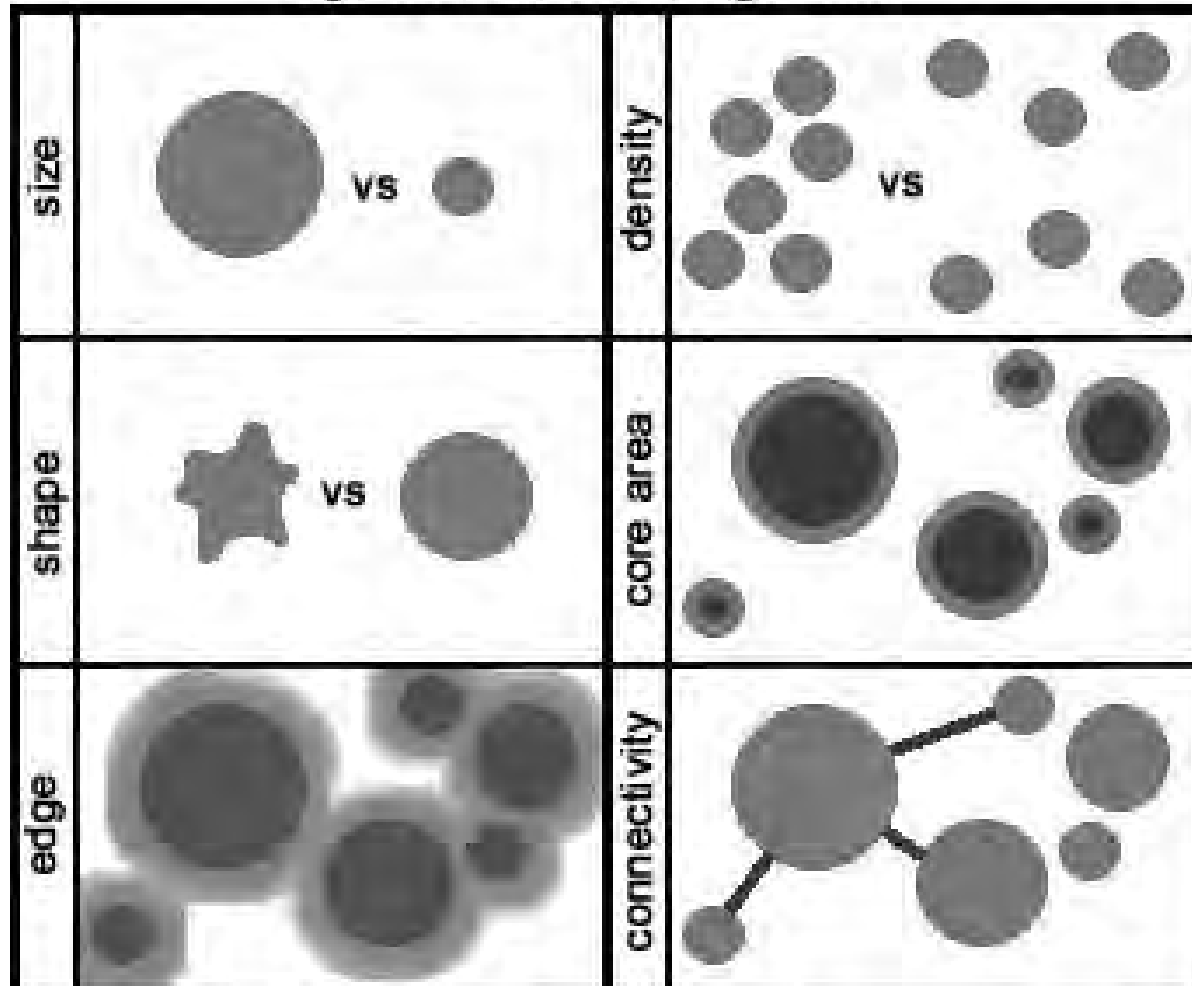


LANDSCAPE ECOLOGY AND ECOSYSTEM FUNCTION

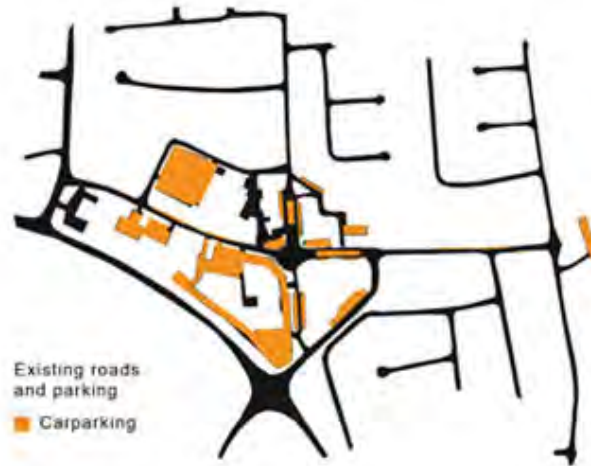


LANDSCAPE ECOLOGY AND ECOSYSTEM FUNCTION

Figure 2 : Patch Configuration



VISUALIZING NETWORKS



VISUALIZING SCALE



Landscape Resilience Framework

This framework helps guide practical applications of resilience in landscape-scale urban design and natural resource management. Here each tenet is brought to life in a high-level example in Silicon Valley to show how coordinated actions can create a more resilient landscape for native ecosystems.

01 Setting

Determines the constraints and opportunities within a landscape. Local species — like oaks, Cooper's hawks, and redwoods — thrive in the unique conditions and climates.

02 Processes

Create and sustain landscapes in a dynamic way. Creeks carry sediment to sustain marshes; fire creates vegetation mosaics.

03 Connectivity

Enables movement of materials and organisms. Riparian corridors provide wildlife passageways from the hills to the Bay.

04 Complexity & Diversity

Provide a range of options for wildlife. Diverse plant communities and floodplains of varying depths ensure habitats under different climate conditions.

05 Redundancy

Provides insurance against loss. Multiple willow groves ensure greater likelihood of habitat persistence (e.g., for native birds) as conditions change.

06 Scale

Determines which processes and functions can operate meaningfully. Anticipate and accommodate sea level rise by providing space for bayland habitats to migrate inland over time.

07 People

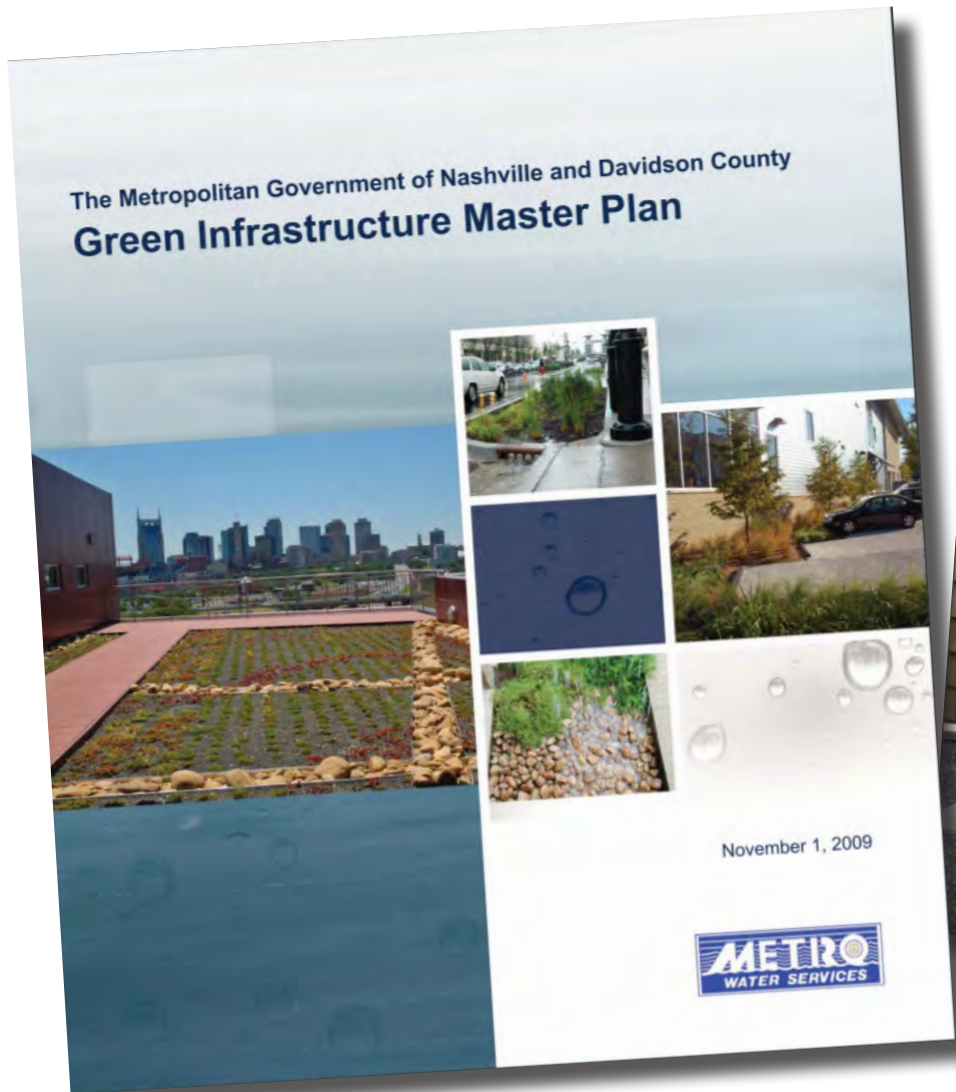
Shape landscapes and provide opportunities. Plant native oaks in the urban and suburban landscape to mimic the form and function of former oak woodlands.

Google Ecology Program

We collaborate to design vibrant living systems in the communities Google calls home.



CITY-SCALE ACTION



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CULTURAL AND SOCIAL ISSUES IN ENVIRONMENTAL PLANNING

Participation in this survey is entirely voluntary. The results will contribute to my thesis research as a graduate student in the Community and Regional Planning/Sustainable Design programs at the University of Texas. The purpose of this research is to better understand the relationship practitioners of ecological restoration projects have between their practice and social and cultural issues. The survey below should take less than 5 minutes and is being distributed to all Urban Riparian Symposium participants. Survey responses will remain anonymous however email addresses will be requested to contact two randomly selected participants to distribute a \$25 amazon gift card. Thank you for your participation. If you have any questions please contact me:

Katie Coyne
 kacoyne@utexas.edu
 561.339.5712

Please answer the questions below to the best of your ability.

In your day to day work, how often do you think about social issues in relation to projects you are working on?

Never	Seldom	Sometimes	Often	All the time
1	2	3	4	5

How often do you include consideration of social issues within decision making processes?

Never	Seldom	Sometimes	Often	All the time
1	2	3	4	5

How often do you include consideration of social issues as part of project management?

Never	Seldom	Sometimes	Often	All the time
1	2	3	4	5

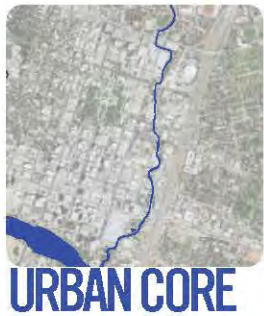
Do you consider human culture to be part of ecological restoration projects?

Not at all	Very little	Somewhat	Very	Extremely
1	2	3	4	5

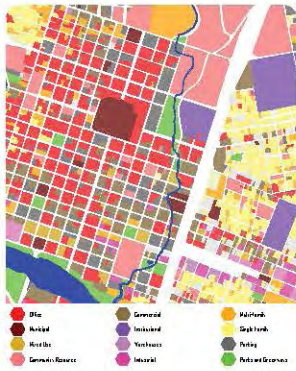
Identify one social component that is related (directly or indirectly) to an ecological aspect of a project you are working on.

See reverse 

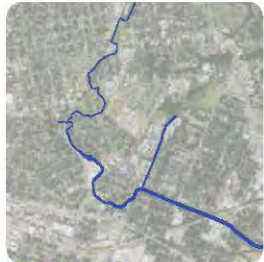
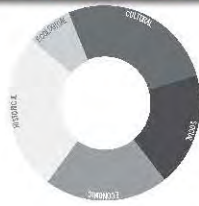




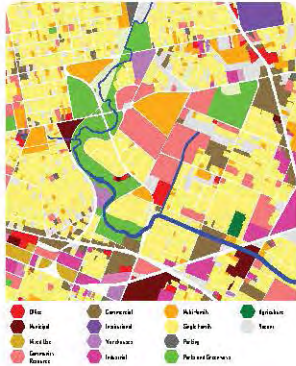
URBAN CORE



Waller Creek



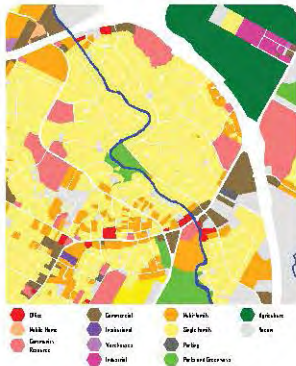
URBAN PERIPHERY



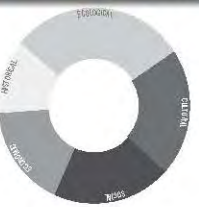
Lower Boggy Creek



SUBURBAN



Little Walnut Creek



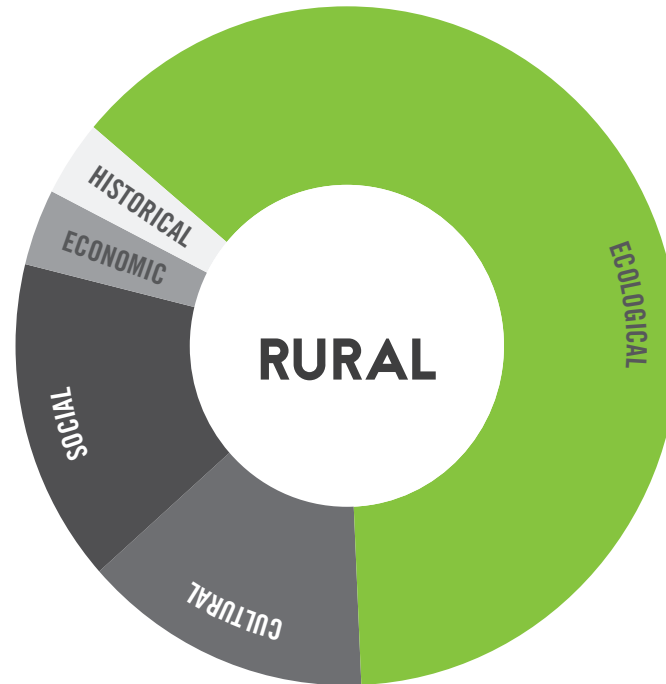
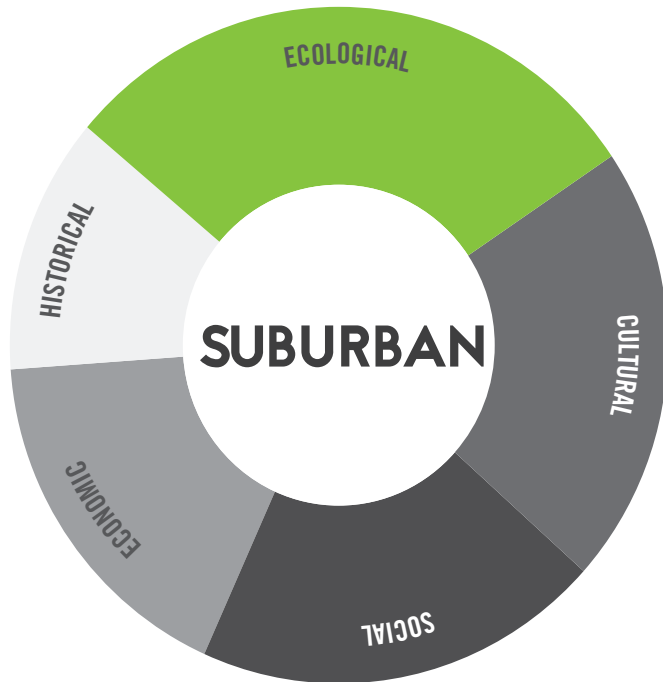
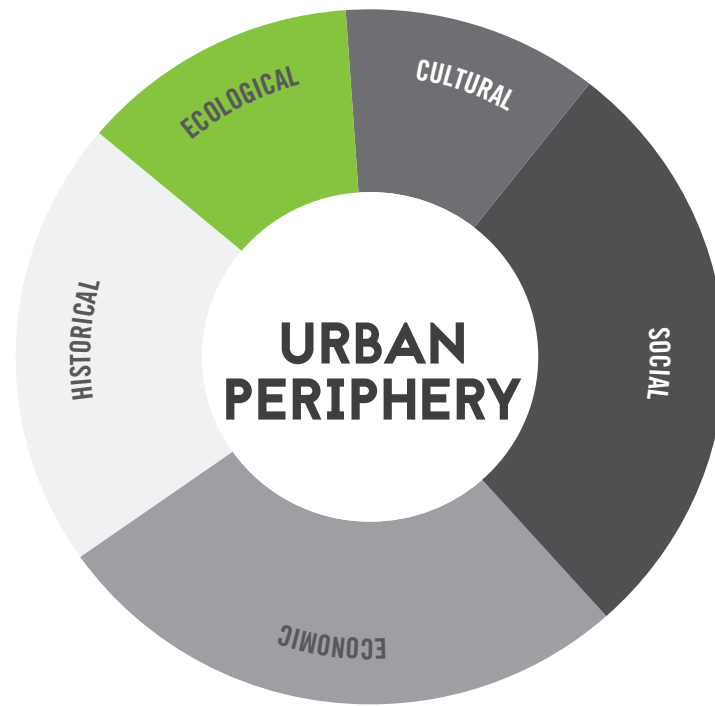
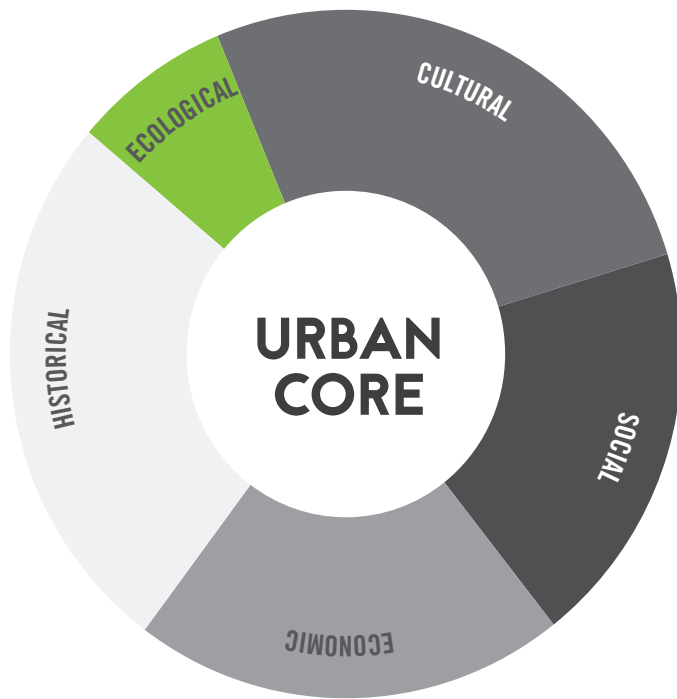
RURAL



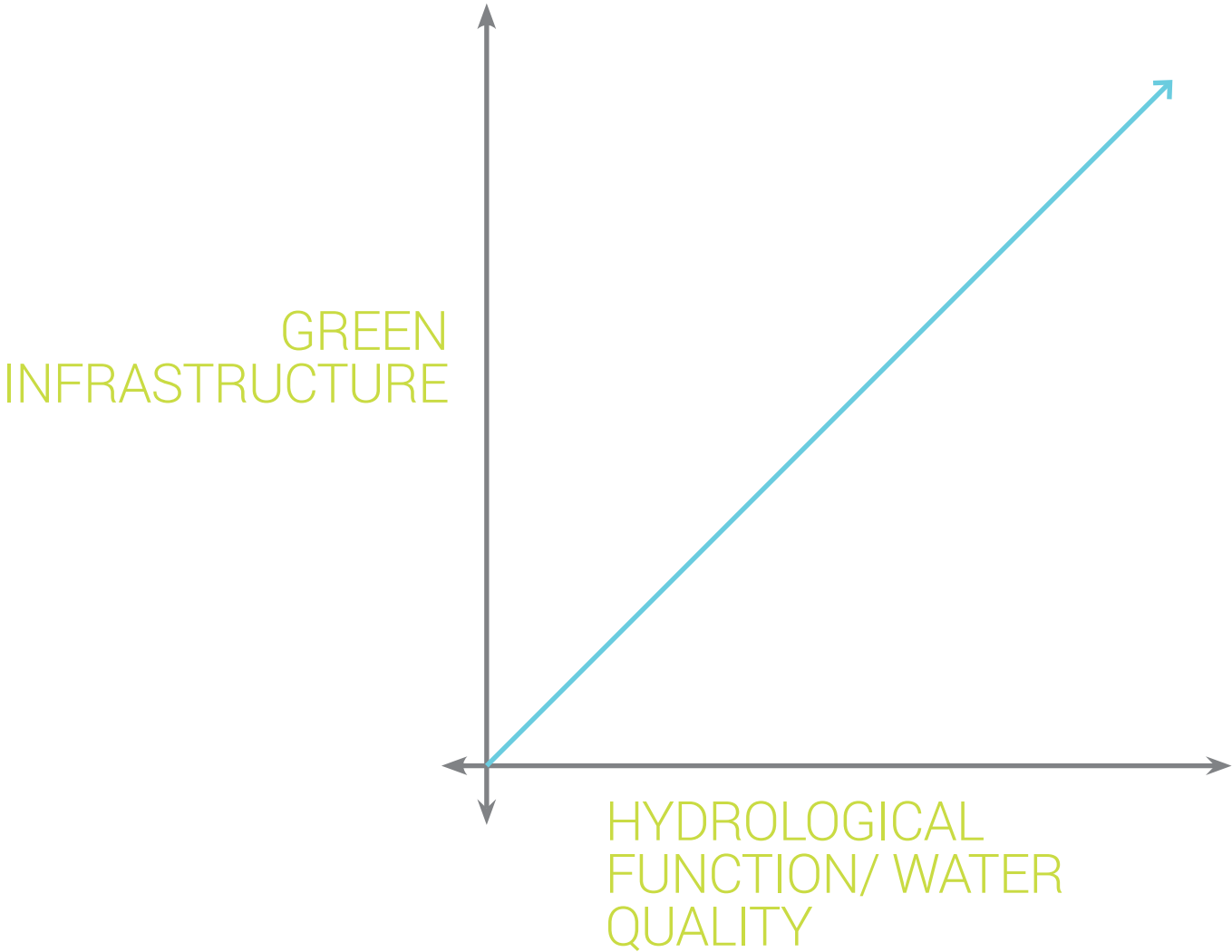
Billeland Creek



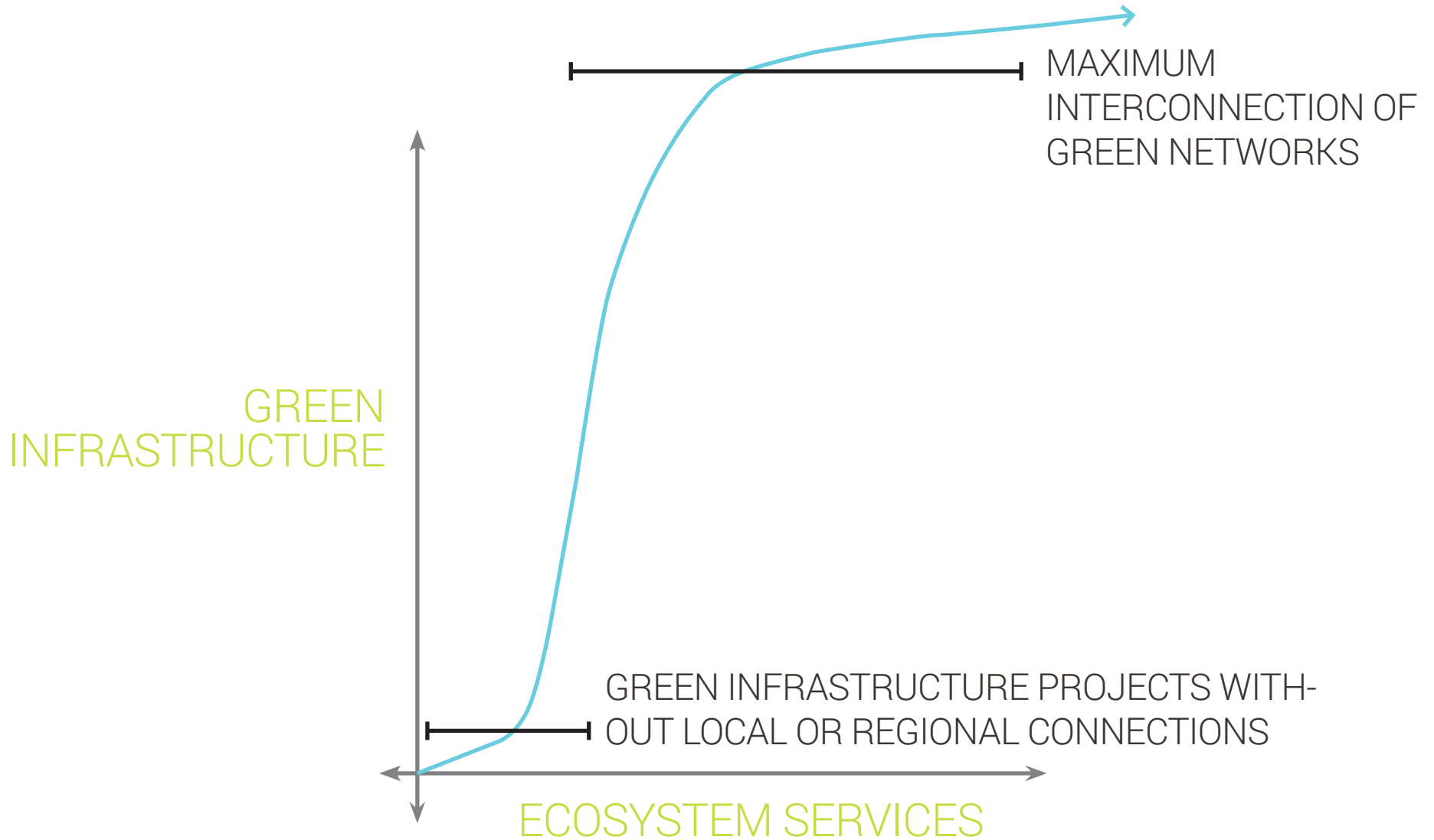
AUSTIN'S CREEK TRANSECT



HYDROLOGICAL BENEFITS



ECOSYSTEM BENEFITS









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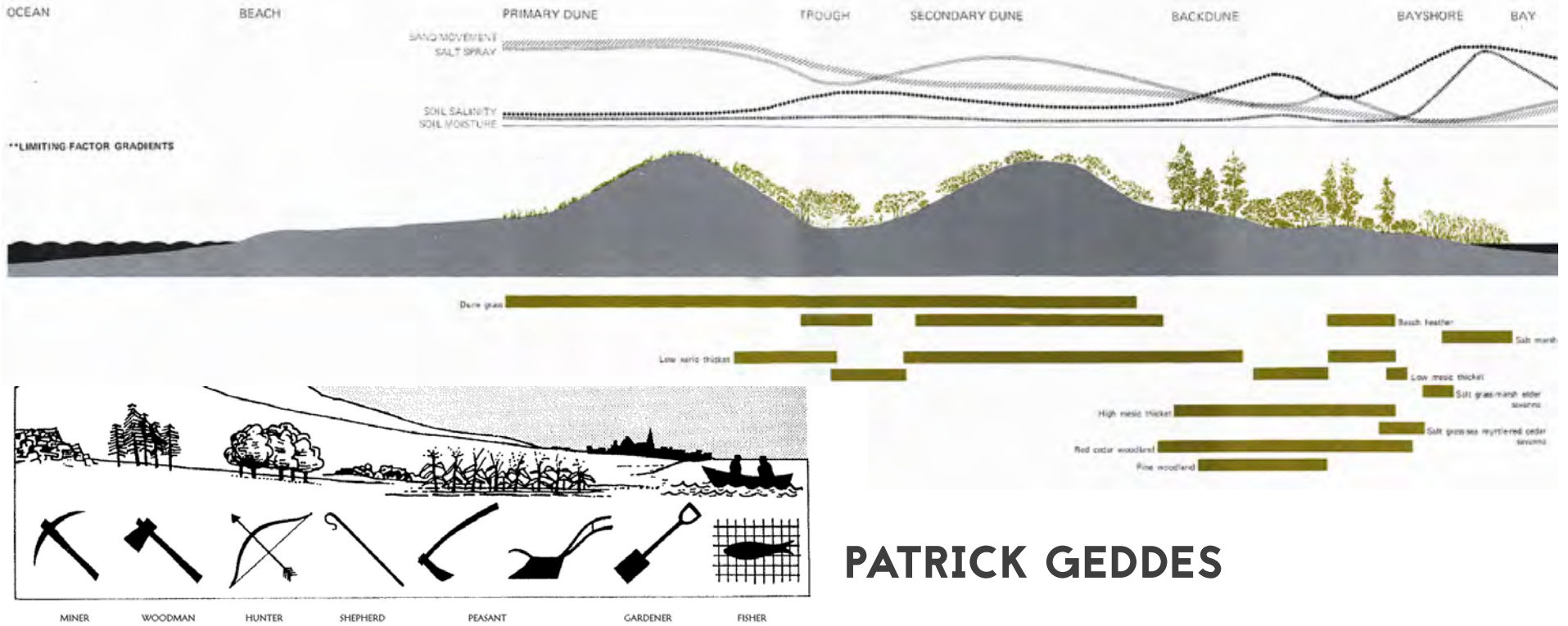
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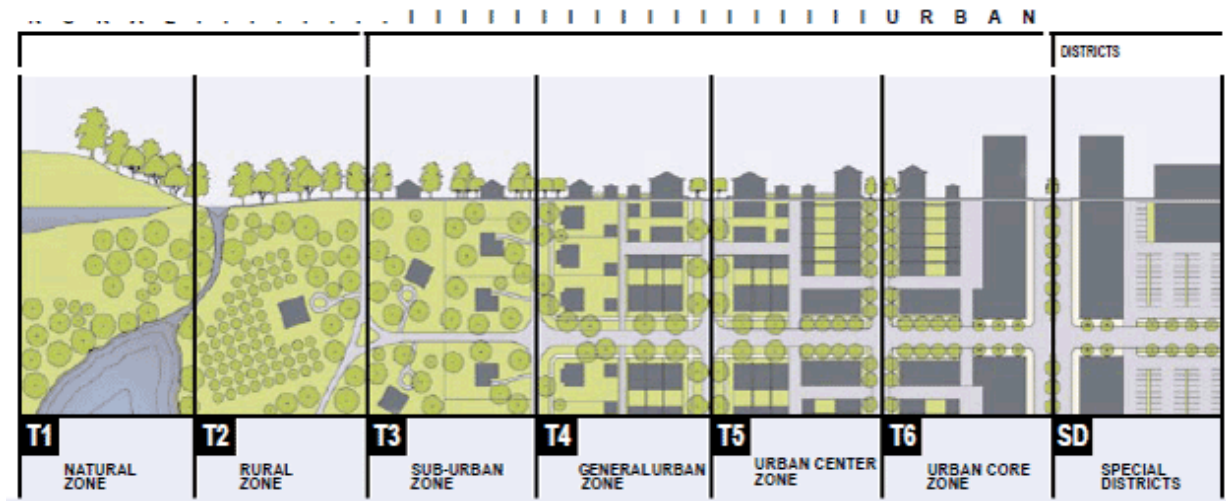


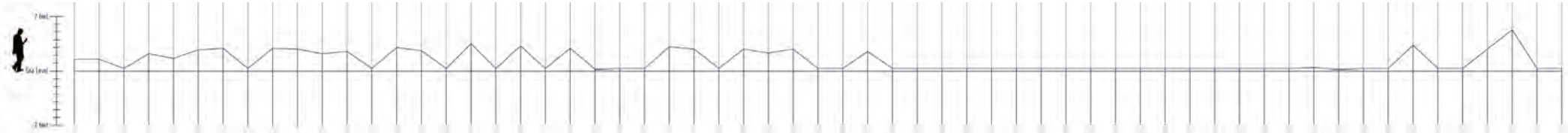
IAN McHARG



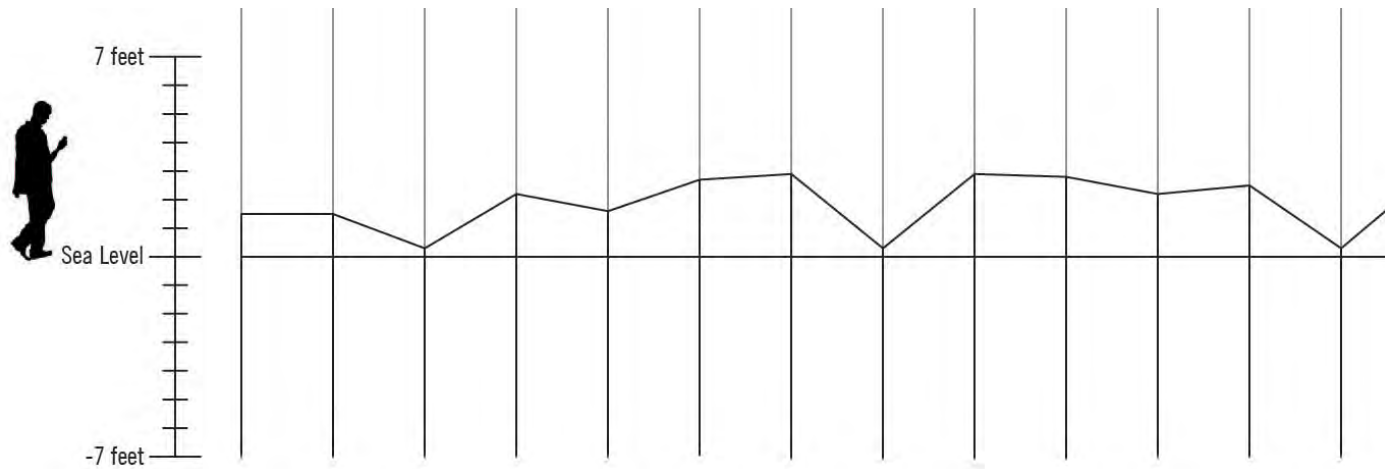
PATRICK GEDDES

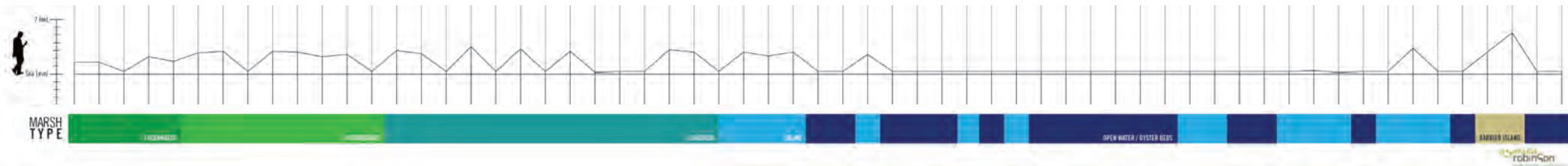
NEW URBANISM



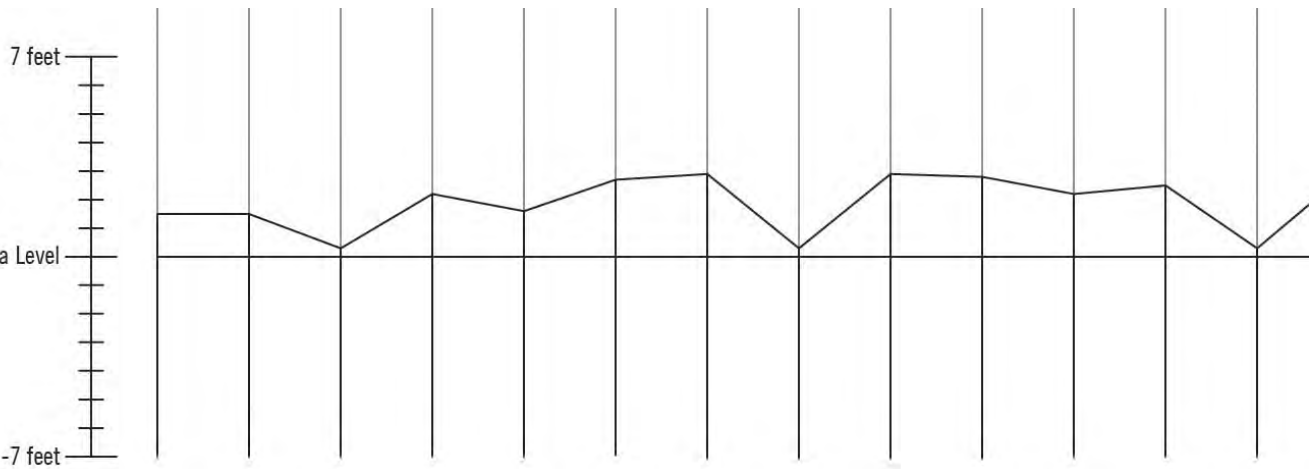


ELEVATION

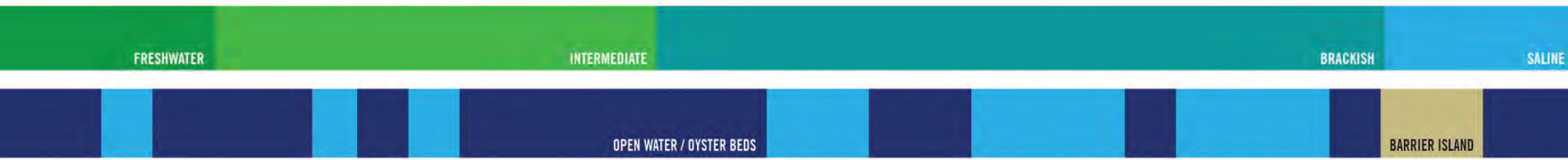


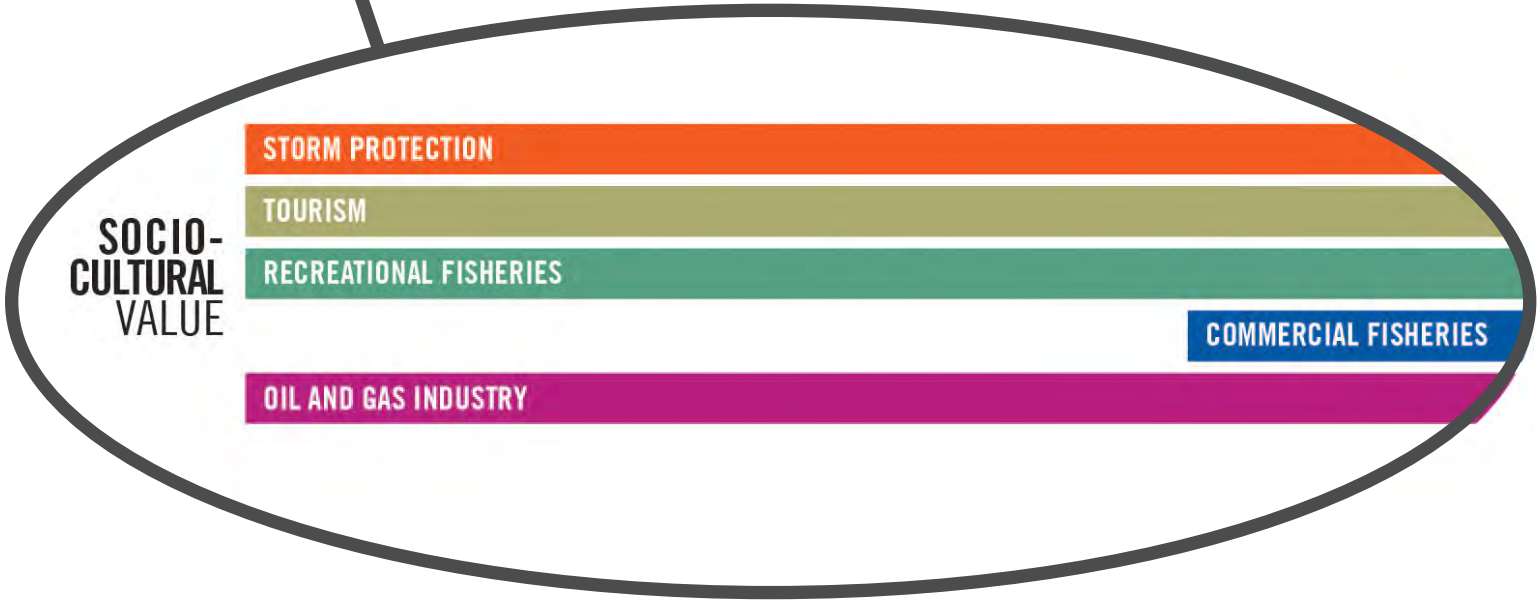
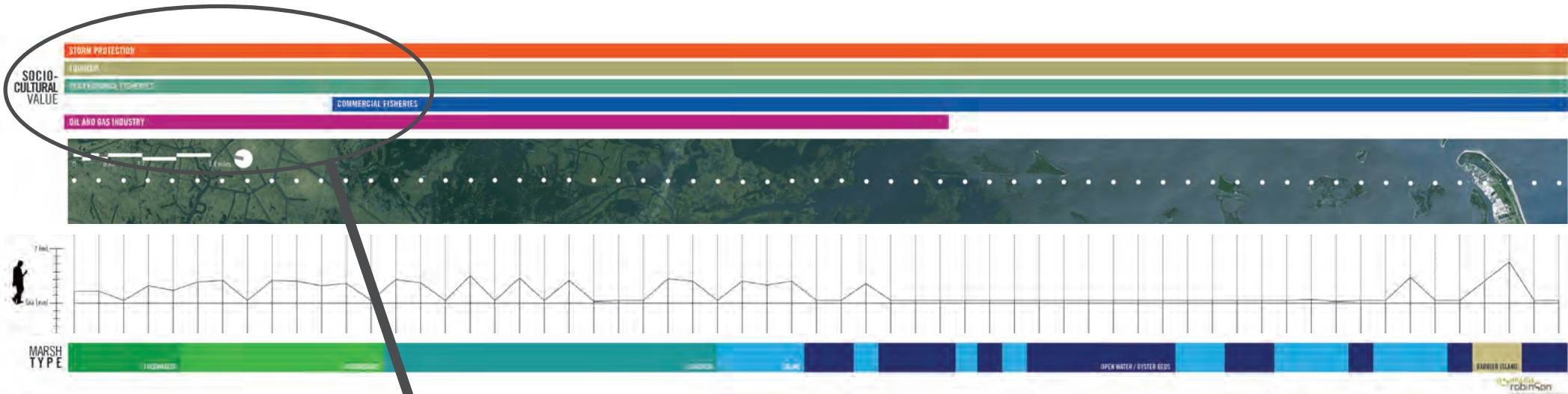


ELEVATION



MARSH TYPES





ECOSYSTEM SERVICES

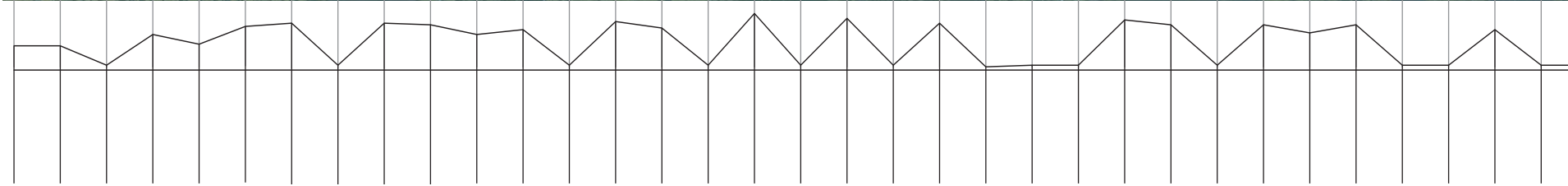
STORM PROTECTION

TOURISM

RECREATIONAL FISHERIES

COMMERCIAL FISHERIES

OIL AND GAS INDUSTRY



MARSH TYPE

FRESHWATER

INTERMEDIATE

BRACKISH

SALINE

RESTORATION TOOLKIT

SHORELINE BARRIERS

SEDIMENT DIVERSION

DREDGING / MARSH CREATION

FRESHWATER DIVERSION

OYSTER REEF RESTORATION / CREATION

BARRIER ISLAND RESTORATION



COASTAL ECOSYSTEM TRANSECT

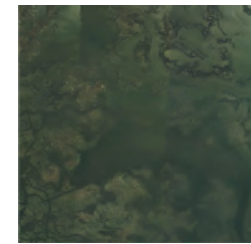
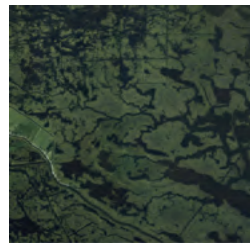
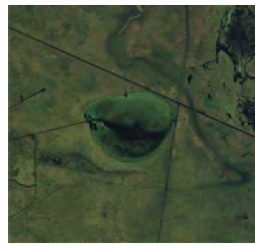
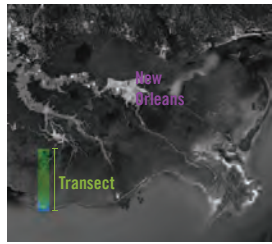
FRESHWATER MARSH

INTERMEDIATE MARSH

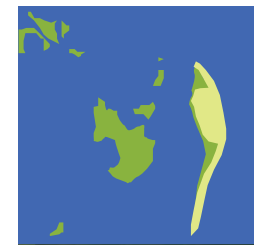
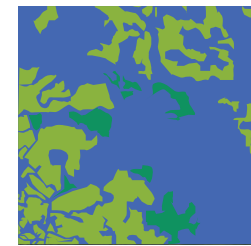
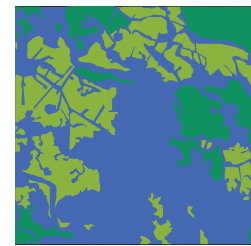
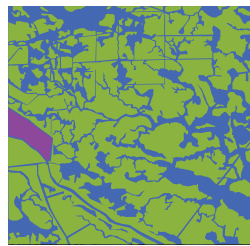
BRACKISH MARSH

BAYS AND SALT MARSH

BARRIER ISLANDS



- Marsh
- Open Water
- Submerged Marsh
- Human Settlement
- Barrier Island



CHARACTERISTIC VEGETATION, ETC.

Dominant: *Panicum hemitomon* (maidencane)

Other: *Eleocharis* spp., *Sagittaria lancifolia*, *Alternanthera philoxeroides*, *Spartina patens*, *Phragmites communis*, *Bacopa monnieri*, *Ceratophyllum demersum*, *Cyperus odoratus*, *Eichhornia crassipes*, *Pontederia cordata*, *Peltandra virginica*, *Hydrocotyle* spp., *Lemna minor*, *Myriophyllum* spp., *Nymphaea odorata*, *Typha* spp., *Utricularia* spp., *Vigna luteola*, and *Zizaniopsis miliacea*

Dominant: *Spartina patens* (wiregrass)

Other: *Phragmites communis*, *Sagittaria lancifolia*, *Bacopa monnieri*, *Eleocharis* spp., *Scirpus olneyi*, *S. californicus*, *S. americanus*, *Vigna luteola*, *Paspalum vaginatum*, *Panicum virgatum*, *Leptochloa fascicularis*, *Pluchea camphorata*, *Echinochloa walteri*, *Cyperus odoratus*, *Alternanthera philoxeroides*, *Najas guadalupensis*, *Spartina cynosuroides*, and *S. spartineae*

Dominant: *Spartina patens* (wiregrass)

Other: *Distichlis spicata*, *Schoenoplectus olneyi*, *S. robustus*, *Eleocharis parvula*, *Ruppia maritima*, *Paspalum vaginatum*, *Juncus roemarianus*, *Bacopa monnieri*, *Spartina alterniflora*, and *S. cynosuroides*

Dominant: *Spartina alterniflora* (smooth cordgrass) in marsh areas; *Crassostrea virginicus* (American oyster) creates reefs

Other: *S. patens*, *Distichlis spicata*, *Juncus roemarianus*, and *Batis maritima*

Salt tolerant xeric grasses and succulent herbs on the dunes grading into salt marsh vegetation on the inland side

Batis maritima (saltwort), *Salicornia virginica* (glasswort), stunted forms of *Distichlis spicata* (salt grass), and *Spartina alterniflora* (smooth cordgrass)

VALUE

- Most biodiverse of any marsh type
- Provides habitat for birds, butterflies, and reptiles of conservation concern
- Provides filtration of pollutants before entering other marsh ecosystems
- Final buffer between dense human settlement and storm surge
- Carbon sink

- Very important to many bird species of conservation concern
- Supports large numbers of wintering water fowl
- Critical nursery habitat to larval marine organisms
- Provides further filtration of pollutants
- Buffers storm surge
- Carbon sink

- Very high value to estuarine larval forms of marine organisms such as shrimp, crabs, menhaden, etc.
- Buffers intermediate and freshwater marsh from saltwater intrusion
- Buffers storm surge
- Carbon sink

- Buffers storm surge
- Provides storage for large amounts of water during storm events
- Functions as a nitrogen and phosphorus sink (at least seasonally), thereby improving the quality of water that passes through it
- Carbon sink

- Initial and vital line of defense against storms

asakura robinson

asakura robinson company LLC
Planning, Urban Design, Landscape Architecture



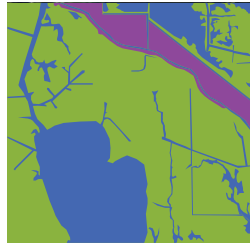
COASTAL ECOSYSTEM TRANSECT

- Marsh
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- Submerged Marsh
- Human Settlement
- Barrier Island

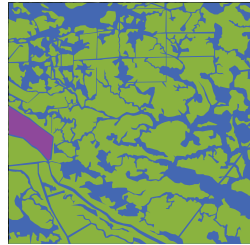
FRESHWATER MARSH



INTERMEDIATE MARSH



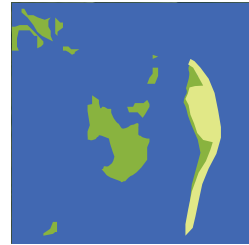
BRACKISH MARSH



BAYS AND SALT MARSH



BARRIER ISLANDS



SALINITY

< 2 ppt

3-10 ppt

8 ppt mean

16 ppt mean

16-35 (gulf-side) ppt

RESTORATION OPTIONS

- Marsh restoration
- Canal infill
- Freshwater diversion

- Marsh restoration
- Ridge restoration
- Canal infill
- Freshwater diversion

- Marsh restoration
- Ridge restoration
- Canal infill
- Freshwater and sediment diversion

- Marsh restoration
- Ridge restoration
- Canal infill
- Freshwater and sediment diversion
- Oyster reef creation

- Marsh restoration
- Sediment diversion
- Oyster reef creation
- Jetty reinforcement
- Dune planting

RESTORATIONS PROS

- Stores 81 to 216 metric tons of carbon per acre
- Most affected marsh system with highest rates of loss
- Highest biodiversity of any coastal marsh type

- Stores 81 to 216 metric tons of carbon per acre
- Important habitat to many conservation species
- Critical estuary habitat to healthy local fisheries
- Important buffer in preserving existing freshwater marsh

- Stores 81 to 216 metric tons of carbon per acre
- Important habitat to many conservation species
- Critical estuary habitat to healthy local fisheries
- Important buffer in preserving existing freshwater and intermediate marsh

- Stores 81 to 216 metric tons of carbon per acre
- Acts as a sink to filter out nitrogen and phosphorus - improving water quality across local systems
- Important habitat to many conservation species
- Critical estuary habitat to healthy local fisheries
- Important buffer in preserving all other marsh types
- Stores large volumes of water during and after storm events

- Acts as a vital storm buffer necessary to all other marsh health

RESTORATIONS CONS

- Needs influx of freshwater (not viable along levees)
- Potentially unsustainable as sea levels rise - little to no tolerance for increased salinity

- Needs some influx of freshwater (less viable along levees)
- Potentially unsustainable as sea levels rise - low tolerance for increased salinity

- Needs some influx of freshwater
- Potentially unsustainable as sea levels rise - intermediate tolerance for increased salinity

- Most fragmented habitat
- Least biodiverse habitat
- Some historic marsh areas have transitioned to oyster reef or open water

- Cost
- Requires ongoing maintenance
- Short life expectancy of projects

AVERAGE COST/ACRE RESTORED

MARSH **\$131,412.00**

DIVERSION **\$11,955.00**

Nationwide, coastal wetlands reduce hurricane damage in the U.S. by over \$3,800/acre/year. (The Conservation Fund)

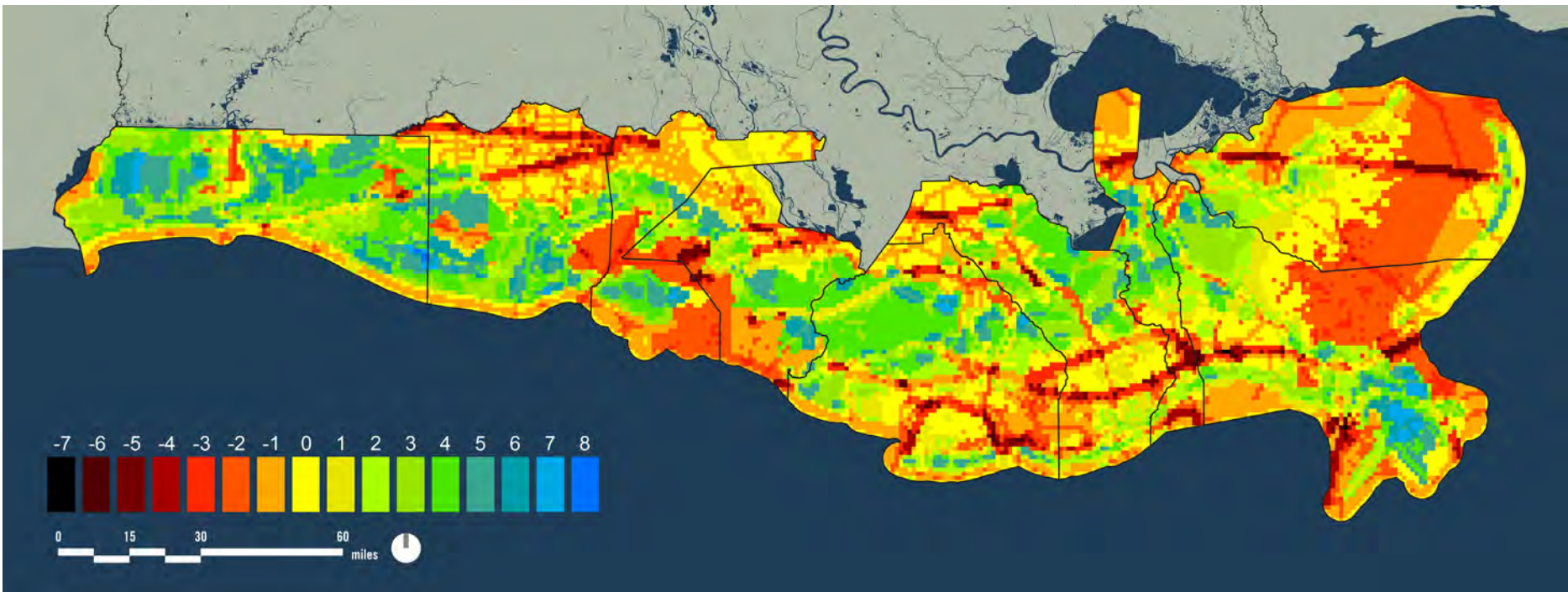
OYSTER

\$12,552.00

BARRIER ISLAND

\$123,302.00





MAIN POINTS

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**DUTCH VALUES AND
THE PRECAUTIONARY
PRINCIPLE:**

*Today, a national
system of dikes and
surge barriers provide
a level of protection
unheard of in the U.S.
– protection against an
event with a probability
of occurring once every
10,000 years. That's not
a typo.*

(EDF.org)





VALUE/GOAL SYSTEMS

1

VALUES
AND GOALS
ALIGN

2

VALUES
MISALIGN

GOALS
ALIGN

3

VALUES
AND GOALS
IN CON-
FLICT



VALUE/GOAL SYSTEMS

1

VALUES
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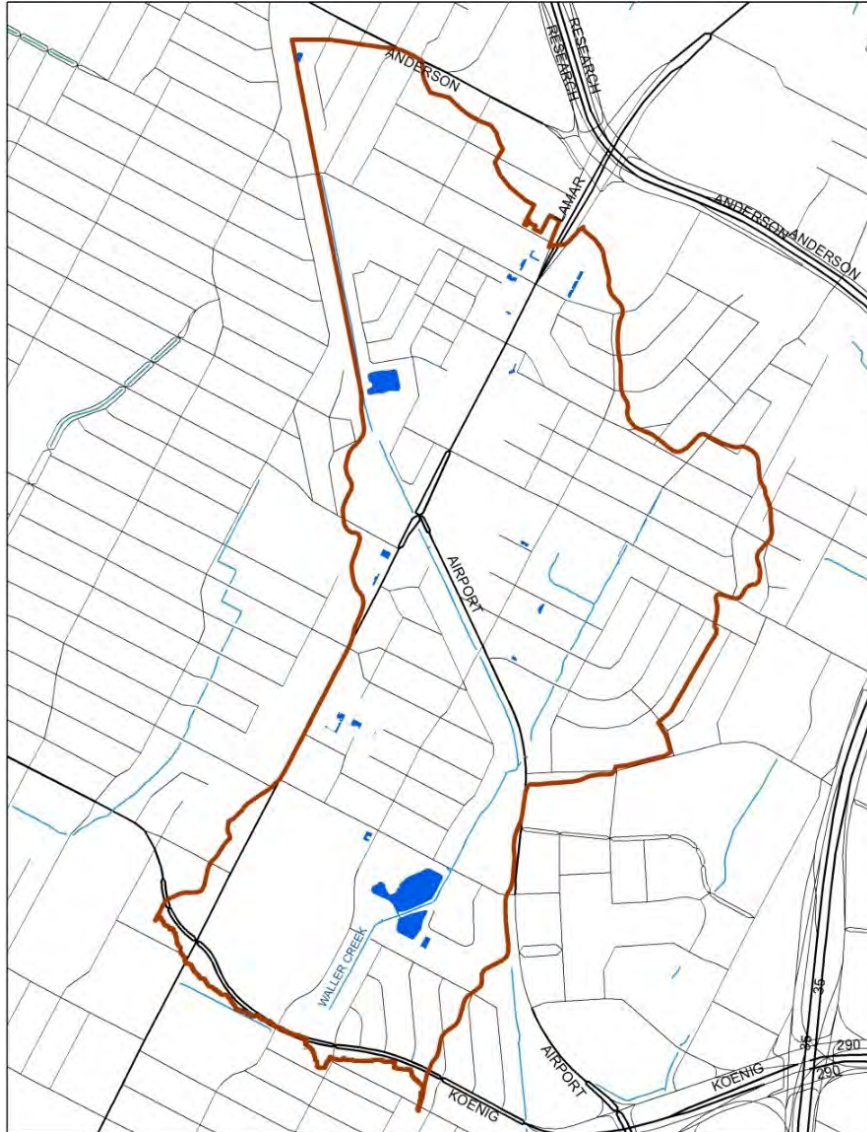
3

VALUES
AND GOALS
IN CON-
FLICT

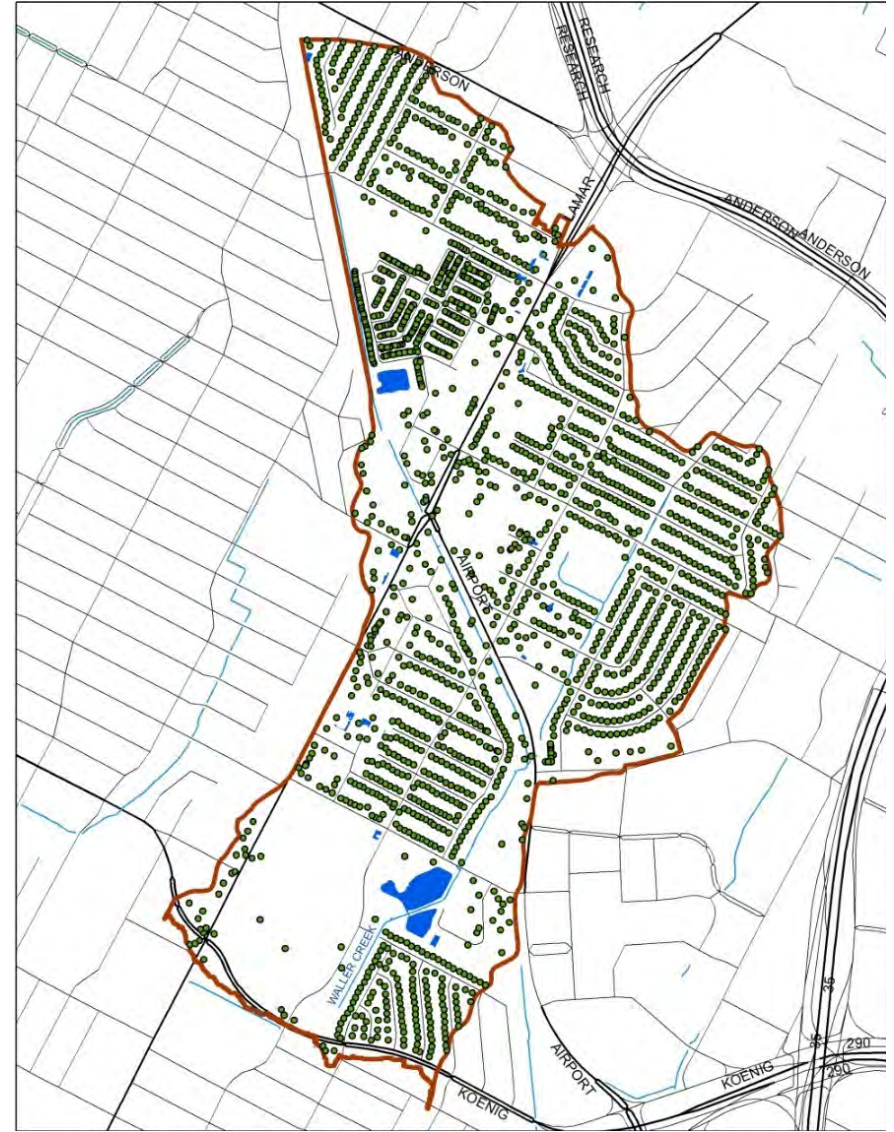


DISTRIBUTED SMALL-SCALE CONTROLS

EXISTING REGIONAL CONTROLS



DISTRIBUTED + REGIONAL CONTROLS



URBAN STREAM SYNDROME



EROSION



WATER QUANTITY



WATER QUALITY





MAIN POINTS

1. SYSTEMS THINKING 101

- What is it and why does it matter?

2. THINKING BEYOND THE SITE

- The importance of scale

3. STACKING LANDSCAPE FUNCTIONS

- Multifunctionality as a question of values

4. THAT'S COMPLICATED!

- A how-to example of thinking about multifunctional systems across scales

5. UNDERSTANDING VALUES

- Communicating internally
- Communicating with communities
- Communicating with policy-makers

6. ENGAGING EFFECTIVELY (TO UNDERSTAND VALUES)

- Engagement strategies and lessons from practice



OUR ENGAGEMENT PROCESS

1. Just listening

2. Compiling what we heard

3. Providing concepts for initial feedback

4. Listening more...

5. Final compilation of concepts + final community comment period

6. Accessible implementation strategy



PROCESS



WESTBURY COMMUNITY GARDEN MASTER PLAN

Houston, TX



1. Just listening



PROCESS



LOWER RICHLAND TOURISM PLAN

Richland County, SC

APPENDIX

Small Business Development Boards

BUSINESS DEVELOPMENT

OPPORTUNITIES / ASSETS FOR LOWER RICHLAND RESIDENTS

- USDA
- SBA
- Microloans - Opt to connect
- Farmers Coop > make equipment available
- EASTOVER COOP - TRY TO GET 2000 ACRES

NEEDS / BARRIERS FOR LOWER RICHLAND RESIDENTS

- lack of loans -> money / job
- no assistance
- medical medical facility
- broken homes & access / infrastructure
- lack of internet
- current zoning
- lack of water & sewer
- cost of infrastructure

WHAT COULD WE CHANGE OR ADD?

BUSINESS DEVELOPMENT

TOURISM BUSINESSES

- * ACCOMMODATION
- * RESTAURANT
- * EVENT CENTER
- * PARKING - PARKING
- * MARKET
- * FOOD TRUCKS
- * HUNT CLUBS
- * AGRICULTURE
- * FARM HUB

COMMUNITY-SERVING BUSINESSES

- * GROCERY STORE
- * GAS STATION
- * MEDICAL CARE

RICHLAND COUNTY CONSERVATION COMMISSION
Tourism & Economic Development Concept Plan

LOWER RICHLAND TOURISM PLAN
November 14th, 2016 - Community Meeting Summary

RICHLAND COUNTY SOUTH CAROLINA

sakura robinson

FERMATA

2. Compiling what we heard



PROCESS

PROGRAM CONCEPTS

City of New Braunfels | aSakura robinson | LANDA PARK & ARBORETUM MASTER PLAN

OPTION A

OPTION B

What do you think?

LANDSCAPE & ECOLOGY CONCEPTS

City of New Braunfels | aSakura robinson | LANDA PARK & ARBORETUM MASTER PLAN

Landscape Strategies

1 Bank Conditions

2 Riparian Conditions

3 Drainage Conditions

Wetland Landscape Features to Hold, Channel and Filter Stormwater

Bank Stabilization and Access Strategies

What do you think?

LANDA PARK AND ARBORETUM MASTER PLAN

New Braunfels, TX

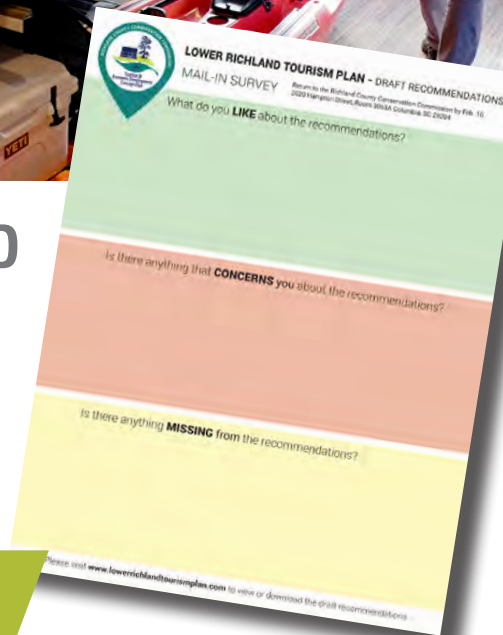
3. Providing concepts for initial feedback



PROCESS



LOWER RICHLAND TOURISM PLAN Richland County, SC



4. Listening more...

STAKEHOLDER INTERVIEWS

LOCAL, COUNTY, STATE, AND FEDERAL

- Congaree National Park
- USDA Rural Development
- HUD – Community Development Block Grant
- SC Department of Natural Resources
- SC State Representative Joe Neal
- Clemson University Extension
- University of South Carolina Hospitality Department
- Richland County Economic Development Department
- Richland County Conservation Commission
- Richland County Planning Department
- Richland County Library System
- Council Member Dalhi Meyers
- Council Member Norman Jackson
- Mayor Geraldene Robinson - City of Eastover

NON- PROFIT

- Palmetto Conservation Foundation
- Congaree Land Trust
- South Carolina Uplift
- Historic Columbia
- Southeast Rural Community Outreach
- Friends of Congaree/Cowassee

BUSINESSES

- River Runner Outfitter
- The Cycle Center
- Wavering Place Bed and Breakfast
- Carolina Bay Farms
- Cabin Branch Organic Farms
- Manchester Quail Farm

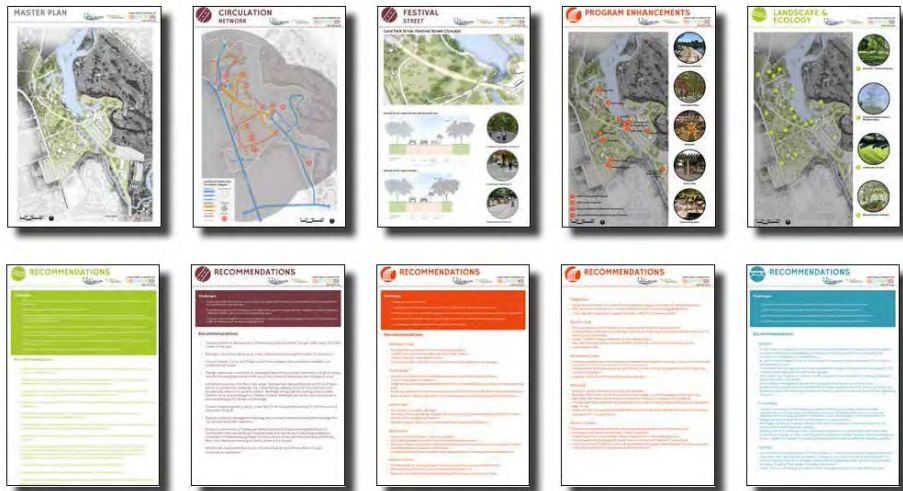
OTHER

- Over 20 local church pastors



PROCESS

OPEN HAUS EXHIBITS

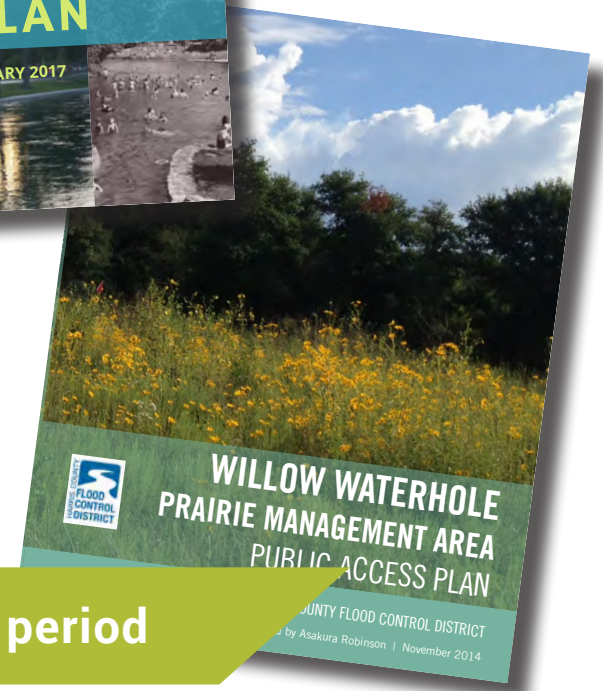


LANDA PARK AND ARBORETUM MASTER PLAN

New Braunfels, TX

WILLOW WATERHOLE PUBLIC ACCESS PLAN

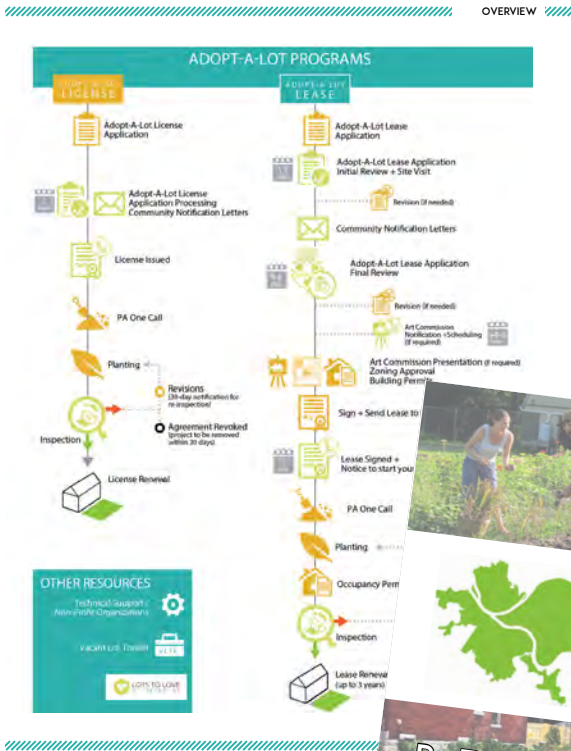
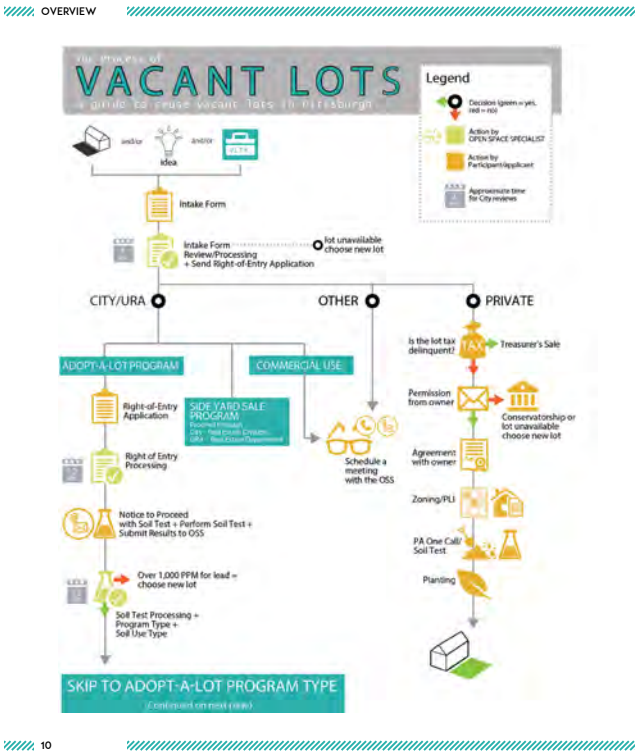
Houston, TX



5. Final compilation of concepts + final community comment period



PROCESS



PITTSBURGH VACANT LOT TOOLKIT

Pittsburgh, PA



6. Accessible implementation strategy

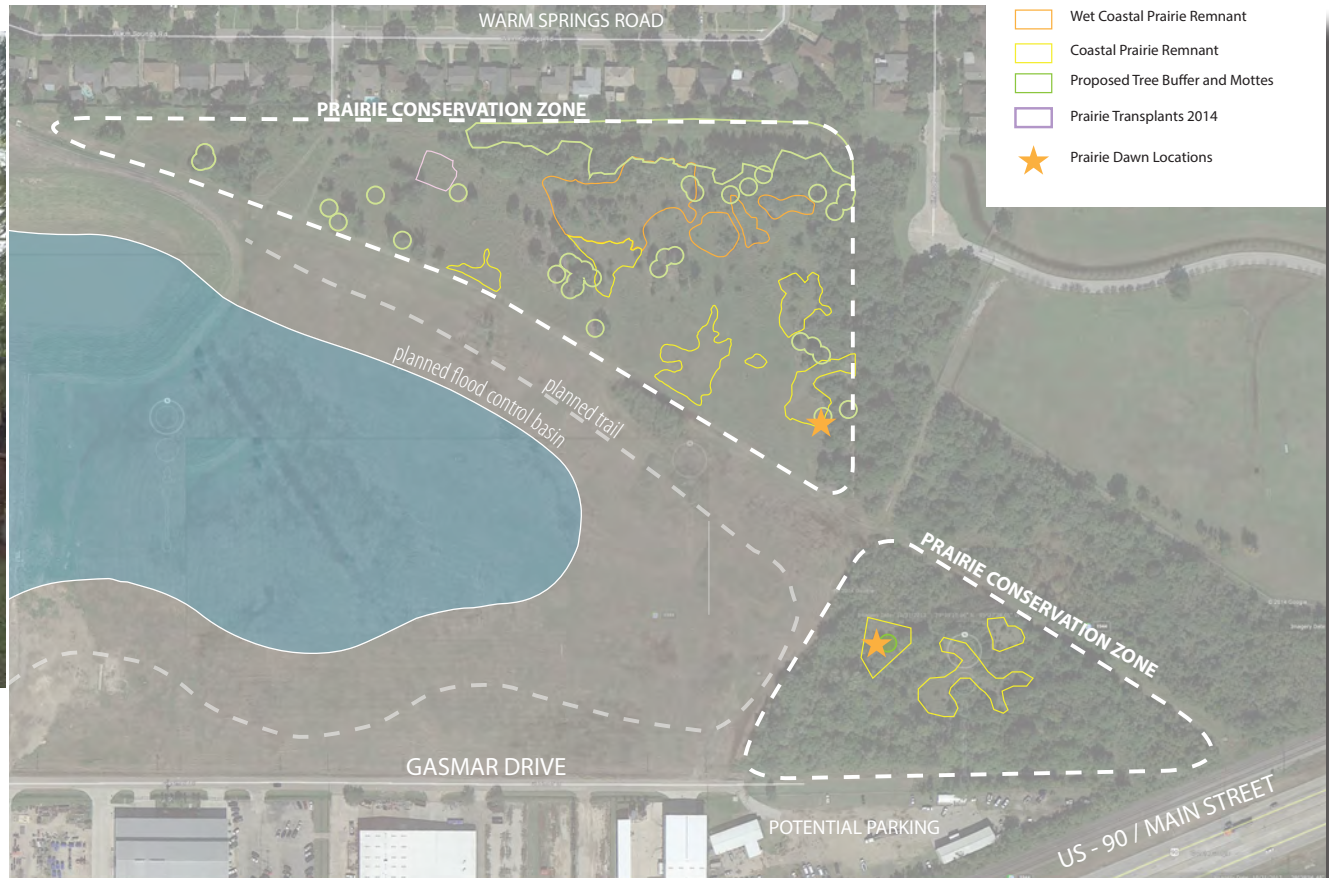


SCENARIO: Mitigating Conflict



LOWER RICHLAND TOURISM PLAN

Richland County, TX



WILLOW WATERHOLE PUBLIC ACCESS PLAN

Houston, TX



SCENARIO: Connecting Communities



**GANNOWAY LAKE
FEASIBILITY STUDY**
Houston, TX

MYCREEKATX
Austin, TX



MyCreekATX: HACKATHON
September 12th, 2015

SEARCHING FOR PROGRAMMERS, DESIGNERS, & SPONSORS!!!!

Sign up at: MyCreekATX.com
Food and drinks provided

What is MyCreekATX?

- A vision of a website and app that can better connect communities with each other and with the environment
- A platform for conversation about and advocacy for Austin's creeks
- A user-friendly collection of information from social media, field and online surveys, USGS creek flow information, Department of Watershed Protection environmental indicators data, maps, and streaming web cams

Creeks are a part of Austin's identity

Our hope is that this will fill a void for Austin residents who want more information about Austin's iconic creeks and creeks in their own backyard. We are passionate about our vision but feel that a resource that's meant for an entire community must be built by that community. Your participation is vital to our ability to execute our vision. We hope you will join us.

questions? call us: 561.339.5712
email us: mycreekatx@gmail.com
visit us: mycreekatx.com

find us on:  

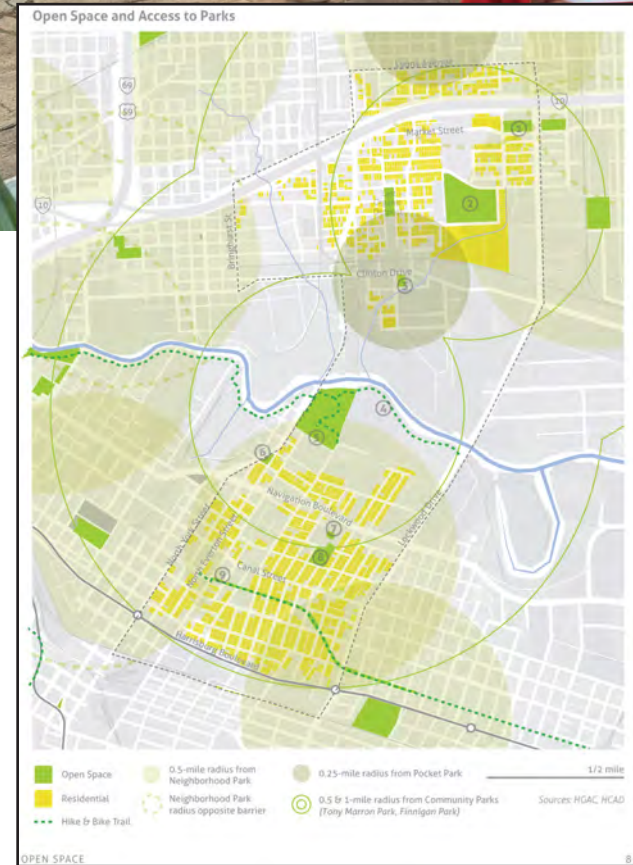
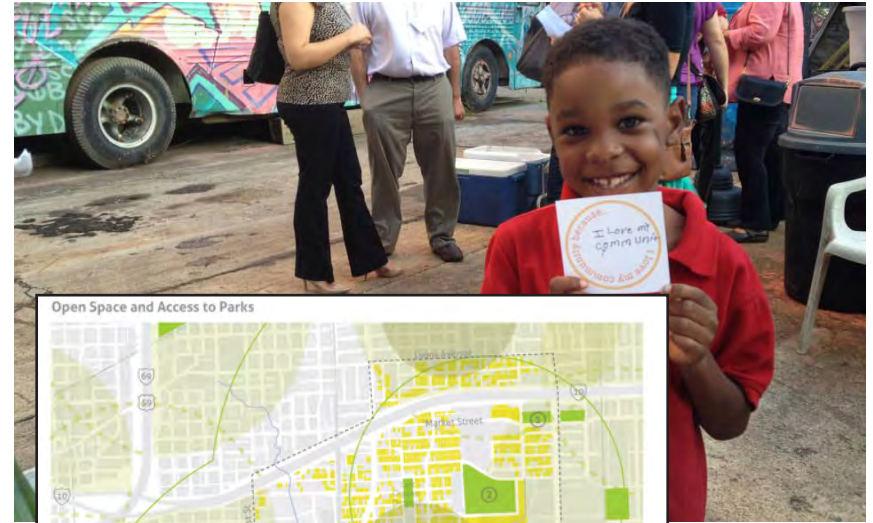


SCENARIO: Working with Underserved Communities



FIFTH WARD/BUFFALO BAYOU/ EAST END LIVABLE CENTERS STUDY

Houston, TX



SCENARIO: Balancing Goals

SURVEY - MAJOR TAKEAWAYS



**THE PARK IS BEING
LOVED TO DEATH!**



LANDA PARK AND ARBORETUM MASTER PLAN

New Braunfels, TX



GENE GREEN PARK

Houston, TX



KEY TAKEAWAY: Tailored Outreach

HOME ABOUT TIMELINE **LANDA PARK & ARBORETUM** PUBLIC INPUT CONTACT NEWS
MASTER PLAN



PROTECTING AND IMPROVING LANDA PARK FOR YEARS TO COME

LANDA PARK AND ARBORETUM MASTER PLAN

New Braunfels, TX

UPLANDS CONCEPT PLAN

Austin, TX

COMMUNITY MEETING

FEBRUARY 8TH, 2017
6:00 - 8:00 PM

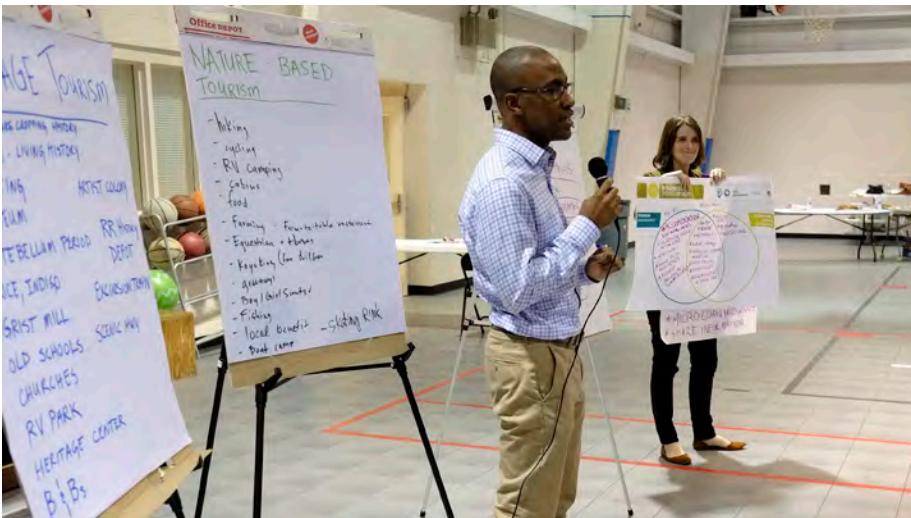
SUNSET VALLEY CITY HALL
3205 Jones Rd,
Sunset Valley, TX 78745



Your input is needed to inform the concept plan and develop a shared community vision for Sunset Valley's Uplands Tract!



KEY TAKEAWAY: Community Leadership



**LOWER RICHLAND
TOURISM PLAN**
Richland County, SC



KEY TAKEAWAY: Staying Flexible

FOUR QUESTIONS FOR TODAY

1. What do we need to know?

Handwritten notes area with horizontal lines for taking notes on question 1.

2. Are there existing programs and projects in Richland that can benefit from this plan?

Handwritten notes area with horizontal lines for taking notes on question 2.

LOWER RICHLAND TOURISM AND ECONOMIC DEVELOPMENT PLAN

COMMUNITY MEETING #2
TWO CHANCES TO PARTICIPATE:

JANUARY 23, 2017, 6:30 - 8:00 PM	HOPKINS PARK GYM 144 HOPKINS PARK ROAD
JANUARY 24, 2017, 6:30 - 8:00 PM	LOWER RICHLAND SHERIFF'S SUBSTATION 2615 LOWER RICHLAND BLVD

Your input is needed to help the Richland County Conservation Commission develop a plan to promote outdoor recreation, education, historic preservation and cultural programming in Lower Richland to enhance tourism and local economic benefits. Share your vision for the future at our second community meeting!

WWW.LOWERRICHLANDTOURISMPPLAN.COM

CONTACT: NANCY STONE-COLLUM
STONECOLLUMN@RCGOV.US
803-576-2083

LOWER RICHLAND TOURISM PLAN Richland County, SC



KEY TAKEAWAY: Managing Expectations



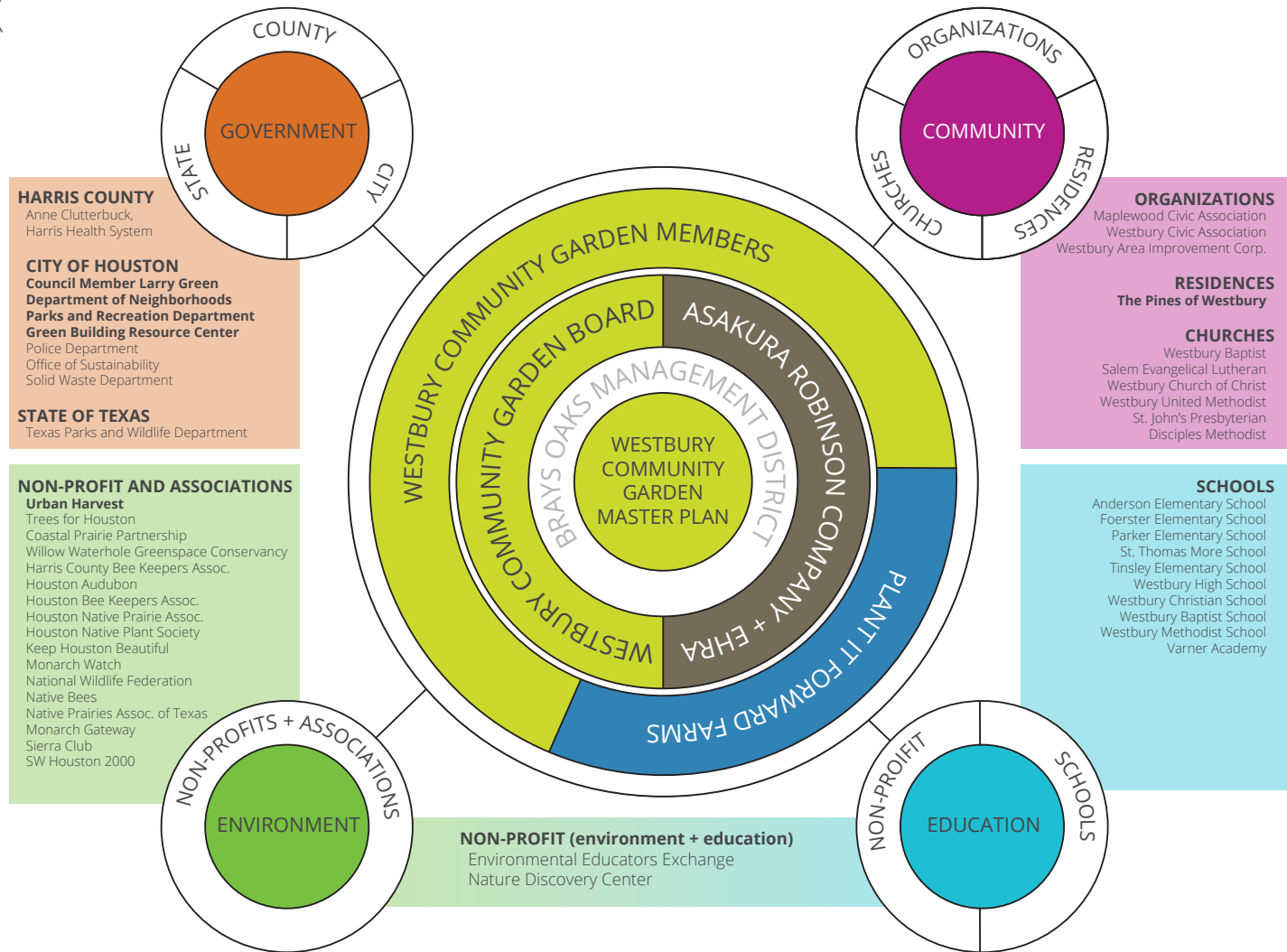
LANDA PARK & ARBORETUM MASTER PLAN

New Braunfels, Texas



KEY TAKEAWAY: Pathways to Implementation

WESTBURY COMMUNITY GARDEN MASTER PLAN Houston, TX



TECHNIQUES: Site Walk/Site Dissection



BREAKOUT SESSION # 1

What have you seen on the Uplands site?

BREAKOUT SESSION # 2

What would you like to see on the Uplands site? What would you like to do there?

UPLANDS CONCEPT PLAN

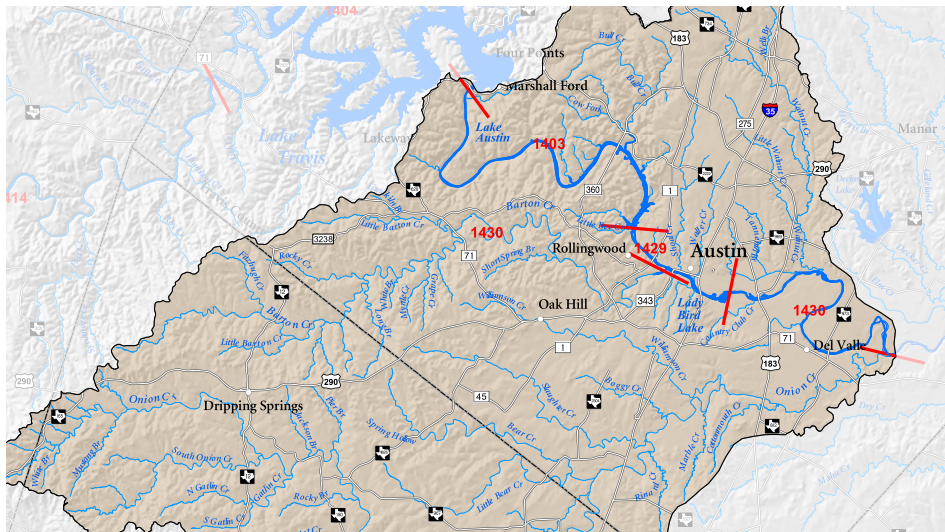
Austin, Texas



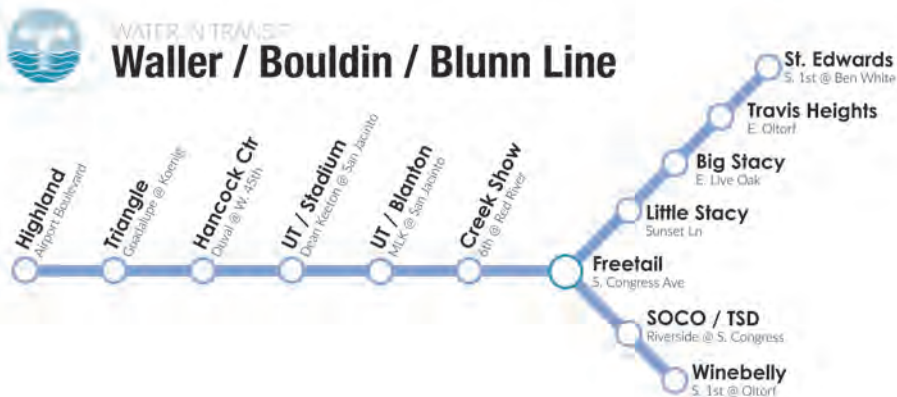
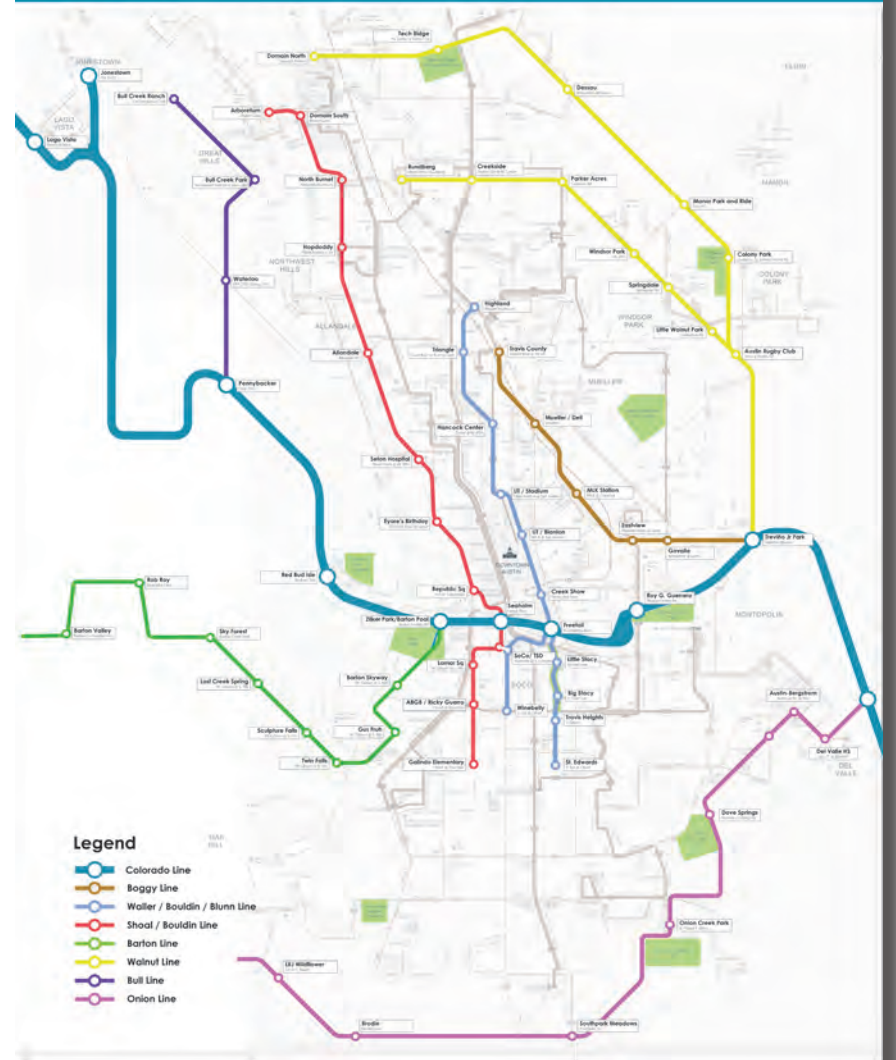
TECHNIQUES: Translating Data

WATER IN TRANSIT CREEKSHOW SUBMISSION

Austin, Texas



WATER IN TRANSIT ACTA System Map



TECHNIQUES: Breaking Down the Tough Questions

BREAKOUT SESSION #1

WHY DO YOU CHOOSE TO LIVE IN SUNSET VALLEY?
WHAT ARE PLACES THAT ARE SPECIAL TO SUNSET VALLEY?
WHAT'S MISSING IN SUNSET VALLEY?

BREAKOUT SESSION #2

WHAT HAVE YOU SEEN AT THE UPLANDS SITE?

BREAKOUT SESSION #3

WHAT WOULD LIKE TO SEE AT THE UPLANDS SITE?
WHAT WOULD LIKE TO DO THERE?

CONTACT:

KATIE COYNE, SITES AP,
CERTIFIED ECOLOGIST - ESA
ASSOCIATE PLANNER/ECOLOGIST

Asakura Robinson Company
katie@asakurarobinson.com



QUESTIONS?