Blue – Gray – Green Infrastructure

- Blue infrastructure = the natural system of water ways and hydrologic cycle. *Also refers to engineering practices that mimic natural processes.*

- Gray Infrastructure = the built systems that convey water, humans, products, and by-products.

- Green Infrastructure = the nodes and corridors of vegetation. All of our natural resources. *Also refers to the site-scale installation of landscaping and other materials that recreate natural processes.*
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  - Huge role and impact of rivers.
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- Identified Issues to Resolve
  - Grasping the scale of BGG infrastructure.
  - Formalizing the scope of Working Group activities.
  - Identifying a focus.
# Water & Green Infrastructure

<table>
<thead>
<tr>
<th>Distinctive</th>
<th><strong>Access to Open Space</strong> – Percent of population that reside within 1 mile of a park or open space for rural areas or ½ mile for urban areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td><strong>Land Preservation</strong> – Net acres of agriculture and natural resource land lost to development per net new resident.</td>
</tr>
<tr>
<td></td>
<td><strong>Rainscaping</strong> – Acres of land treated for stormwater overflow using water quality best management practices</td>
</tr>
<tr>
<td></td>
<td><strong>Tree Canopy</strong> – Percent of Land with tree canopy</td>
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<td><strong>Watershed Plans</strong> – Number of watersheds with a plan or active organization</td>
</tr>
<tr>
<td></td>
<td><strong>Water Quality</strong> – Percent of assessed streams and rivers that are impaired</td>
</tr>
</tbody>
</table>
REGIONAL SUSTAINABILITY

Water Matters

St. Louis Partners Bring Focus to Importance of Water

Metro Water Infrastructure Partnership

www.onestl.org

Sustainability Summit:
Setting Targets for our Shared Future
April 5, 2017
Eric P. Newman Education Center
## Blue – Gray – Green Infrastructure

- **Potential Stakeholders:**
  - Great Rivers Greenway Dist.
  - Metro East Parks & Rec
  - Heartlands Conservancy
  - MSD & other sewer districts
  - MO Botanical Gardens
  - Area Counties
  - City of St. Louis
  - Area Levee Districts
  - MDNR, MDC, IEPA, IDNR
  - Water Infrastructure Partnership
  - Municipalities
  - The Nature Conservancy
  - Sierra Club
  - Trailnet
  - Deer Creek Watershed Alliance
  - Missouri Coalition for the Environment
OneSTL – Regional Collaborations

- **Community Development**
  - Community Builders’ Network
  - St. Louis Community Foundation
  - Federal Partnerships
  - Invest STL

- **Food Access**
  - Missouri Foundation for Health
  - University Extensions
  - St. Clair County Health Dept.
  - East Side Health District
  - SIUE
  - United Way
  - St. Louis Food Policy Coalition

- **Energy**
  - USGBC
  - Chamber’s – Environment and Energy Committee
  - Earthway’s Center
  - Madison County
  - Utilities

- **Blue-Gray-Green Infrastructure**
  - Botanical Garden
  - Heartlands Conservancy
  - Urban Vitality & Ecology
  - Our Missouri Waters
  - Great Rivers Greenway
OneSTL – Role in Regional Collaboration

- Define regional context.
  - Network/asset mapping
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- Document Collaboration.
  - Through network mapping.
  - On-line communications platform.
  - Goal/Objective/Strategy summaries.