

# This presentation premiered at WaterSmart Innovations

[watersmartinnovations.com](http://watersmartinnovations.com)



# *Sustainable or Greenwashed: Creating a Balanced Landscape*

Bryce Carnehl, Social Responsibility Manager, Hunter Industries



<http://www.ahbe.com/portfolio/burbank-water-power>



<http://www.artificialgrassaustin.com/syntheticurf/fake-turf-hays-texas-playgrounds-commercial-landscape/148/>

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<http://www.ambius.com/blog/lancaster-general-green-wall/>

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<http://www.ibtimes.com/california-drought-landscapers-cash-lawn-removal-rebates-1892759>

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# What makes a landscape sustainable?

# INPUTS . IMPACTS . OUTPUTS



<https://www.phipps.conservatory.org/green-innovation/at-hipps/center-for-sustainable-landscapes-greenest-building-in-the-world>

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# INPUTS

<http://www.ruppertlandscape.com/services>

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# IMPACTS

<http://www.public.asu.edu/~camartin/plants/Plant%20html%20files/carpobrotusedulis.html>

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# OUTPUTS



<http://crushbrew.com/stone-world-bistro-gardens-great-success-story>

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# Sustainable Landscape Design Principals

<http://inhabitat.com/we-interview-head-of-the-sustainable-sites-landscape-rating-system-program-nancy-somerville/sustainable-sites-initiative-national-instruments-1/>

**THE SUSTAINABLE SITES INITIATIVE™**

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Do No Harm

<http://www.landezine.com/index.php/2016/06/renaturation-of-the-river-aire-geneva/>

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A photograph of a modern, single-story house with a prominent wooden roofline and large glass windows. The house is situated behind a lush, tall meadow of golden-brown grasses. In the background, a dense line of tall, green evergreen trees stands against a bright sky. The overall scene conveys a sense of natural integration and sustainable living.

# Apply the Precautionary Principal

<https://homeoutside.com/landscape-design-ideas/sustainable-solutions/sustainable-landscape-design-a-meadow-in-your-front-yard///>

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# Design with Nature and Culture

<https://www.thenatureofcities.com/2013/05/26/architecture-and-urban-ecosystems-from-segregation-to-integration/>

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An aerial photograph of a city park, likely Kallang River at Bishan-Ang Mo Kio Park. The park features a winding river, lush green lawns, and dense trees. It is surrounded by numerous high-rise apartment buildings, illustrating the integration of nature and urban development.

# Hierarchy of Preservation, Conservation, and Regeneration

<http://www.landezine.com/index.php/2012/06/kallang-river-at-bishan-ang-mo-kio-park-by-atelier-dreiseitz/>

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An aerial photograph of a lush, green wetland park. The landscape is characterized by winding, light-colored paths that meander through dense vegetation and small, interconnected water bodies. The water reflects the sky, and the surrounding plants are in various stages of growth, with some showing vibrant colors. A few people can be seen walking along the paths, providing a sense of scale to the vast, natural environment.

# Provide Regenerative Systems as Intergenerational Equity

<http://inhabitat.com/turensapes-regenerative-wetland-park-cleans-up-a-post-industrial-landscape-in-china/liupanshui-minghu-wetland-park-by-turenscape-5/>

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# Support a Living Process



<http://lariver.org/>

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# Use a Systems Thinking Process

<http://www.svrdesign.com/olympic-college-parking-garden/>

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# Use a Collaborative and Ethical Approach

A group of five people are gathered around a table under a white tent. On the left, a woman wearing a white bicycle helmet and a patterned tank top is looking towards the center. Next to her is a woman in a blue short-sleeved shirt and black pants, who is gesturing with her right hand towards a man in a grey t-shirt and a black bicycle helmet. The man in the grey shirt is leaning over the table, looking at documents. To his right, a woman in a grey tank top and black pants is also looking at the documents. On the far right, a man in a light blue long-sleeved shirt is seen from the back, looking towards the group. The table is covered with several sheets of paper, likely maps or design plans. The background shows green foliage and a brick building.

<http://www.c-d-g.org/featured-project/kenilworth-corridor-landscape-design/>

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# Maintain Integrity in Leadership and Research

[http://news.sina.cn/news\\_zt/saudi0621?vt=4&pos=108/kenilworth-corridor-landscape-design/](http://news.sina.cn/news_zt/saudi0621?vt=4&pos=108/kenilworth-corridor-landscape-design/)

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# Foster Environmental Stewardship

<http://inhabitat.com/10-landscape-design-projects-that-turn-damaged-and-neglected-spaces-into-healthy-beautiful-environments/the-high-line-2/>

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# So, what makes a landscape sustainable?



<http://inhabitat.com/the-green-at-college-park-is-the-first-certified-sustainable-sites-initiative-sites-landscape/>

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