

New Jersey Green Home Remodeling Guidelines Green Products and Services Guide
Project Type: Outdoor Living & Landscaping

Building System: Site

Product	Product Features	Certifications	Product Directory/Service Resources
<p>New Jersey Native Plants</p>	<p>Select plants native or adapted to New Jersey’s climate that promote biodiversity. Shop at local nurseries, and university agriculture sales.</p>		<p>National Gardening Association. 2019 https://garden.org/</p> <p>Native Plant Society of New Jersey, List of NJ Native Plants. 2013 http://www.npsnj.org/pages/nativeplants_Plant_Lists.html</p> <p>NJ Department of Agriculture – Jersey Grown. 2015 https://www.jerseygrown.nj.gov/</p> <p>Rutgers University. New Jersey Agricultural Experiment Station. Incorporating Native Plants in Your Residential Landscape. https://njaes.rutgers.edu/fs1140/</p> <p>Sustainable Sites Initiative http://www.sustainablesites.org</p>
<p>Beneficial Insects</p>	<p>Beneficial insects include predators, parasites, and pollinators that control pests by feeding off other insects that harm plants including praying mantises, certain species of beetles, and ladybugs. Others can be used to target different</p>		<p>Rutgers Cooperative Research & Extension. Fact Sheet: Natural Pest Control. Using beneficial insects to control landscape pests. 2017 http://www.cpe.rutgers.edu/hgs/docs/2017/Workshop-12-Natural-Pest-Control.pdf</p> <p>Virginia Cooperative Extension. Virginia Tech. Virginia State University. Resources for Garden Insects Pests. 2019 https://www.pubs.ext.vt.edu/tags.resource.html?tag=pubs_ext_vt_edu:garden-insects-pests</p> <p>Plant & Pest Advisory. Beating the Bugs in the Bogs: Attracting Beneficial Insects. 2019 https://plant-pest-advisory.rutgers.edu/beating-the-bugs-in-the-bogs-attracting-beneficial-insects/</p>

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	species of insects harmful to plants.		
Pavers	Use block pavers for driveways, entryways, walkways, or terraces.		<p>Interlocking Concrete Pavement Institute http://www.icpi.org/</p> <p>Permeable Pavement. Green Building Alliance. 2016. https://www.go-gba.org/resources/green-building-methods/permeable-pavements/</p> <p>Rutgers Agricultural Experiment Station – Water Resources Program - Green Infrastructure http://water.rutgers.edu/GreenInfrastructureGuidanceManual.html</p>
Pavement	Use porous pavement materials and/or materials that reflect the sun.		<p>Heat Island Effect. US EPA. December 2018 https://www.epa.gov/heat-islands</p> <p>Using Cool Pavements to Reduce Heat Islands. US EPA. 2016 https://www.epa.gov/heat-islands/using-cool-pavements-reduce-heat-islands</p>
Porous Concrete	Use porous concrete that requires the same equipment as standard concrete but composed of gravel and a low water-to-concrete ratio.	<p>American Society for Testing and Materials - ASTM 1319</p> 	<p>PerviousPavement.org, “Pervious Concrete Pavement”. 2011 www.perviouspavement.org</p> <p>NJ DEP</p> <ul style="list-style-type: none"> - Green Infrastructure http://www.nj.gov/dep/gi/ - Stormwater Management http://www.state.nj.us/dep/stormwater/
Rain Garden Plants	Select appropriate rain garden plants.		<p>Rain Garden. Rutgers Gardens. NJ Agricultural Experiment Station. 2018 http://rutgersgardens.rutgers.edu/raingarden.html</p> <p>Rain Gardens. Rain Garden Information Center. Resources from the Water Resources</p>

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			<p>Program. NJ Agricultural Experiment Station. Rutgers University. 2017. http://water.rutgers.edu/Rain_Gardens/RGWebsite/rinfo.html</p>
Pesticide and Fertilizer	<p>For gardening, look for an insecticidal soap and a broad-spectrum natural pesticide containing neem oil, spinosad, or pyrethrum. For lawn care, use a fertilizer with time-released, water-insoluble nitrogen, or use composting for natural fertilizer.</p>		<p>Landscape for Life https://landscapeforlife.org/water/</p> <p>Jersey-Friendly Yards http://www.jerseyyards.org</p> <p>Northeastern IPM Center http://northeastipm.org/index.cfm</p> <p>Rutgers Cooperative Extension Pest Management – IPM Programs http://www.pestmanagement.rutgers.edu/IPM/index.htm</p>
Erosion Control	<p>Silt fencing and mulching help control erosion, especially during construction. Use socks filled with chipped or ground wood to reduce soil erosion and manage runoff.</p>		<p>Landscape for Life https://landscapeforlife.org/water/</p> <p>NJ DEP - Conservation Districts in New Jersey http://www.nj.gov/agriculture/divisions/anr/nrc/conservdistricts.html - Erosion Control Standards http://www.nj.gov/agriculture/divisions/anr/nrc/njerosion.html</p>

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Building System: Outdoor Structures

Product	Product Features	Certifications	Product Directory/Service Resources
Sustainably Harvested Wood	Wood labeled FSC is certified by the Forest Stewardship Council (FSC) and meets high social and environmental harvesting criteria.	Forest Stewardship Council (FSC) Certified 	Forest Certification Resource Center https://ic.fsc.org/en/resource-center Forest Stewardship Council (FSC). Find Products https://us.fsc.org/en-us/market/find-products
Plastic Lumber	HDPE wood plastic composites		Recycled Plastic Lumber. California Department of Resources Recycling and Recovery (CalRecycle). Last updated March 14, 2019 https://www.calrecycle.ca.gov/plastics/recycled/lumber
Rain Barrel	Rain barrels either can be purchased or homemade. Several online retailers and some hardware or garden stores sell rain barrels of varying size and complexity.		Chesapeake Bay Foundation - Rain Barrel Project. 2019 https://www.cbf.org/join-us/education-program/student-wave/shared-action-projects/rain-barrel-project.html - Build Your Own Rain Barrel https://www.cbf.org/document-library/education-resources/rain_barrel_guide-web8bcf.pdf Rain Barrel Program. Water Resources Program. Rutgers, New Jersey Agricultural Experiment Station. 2017. http://water.rutgers.edu/Stormwater_Management/rainbarrels.html

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Compost Bin	Protected area to collect yard and vegetable waste to make organic soil.		List of Demonstration Compost Bins. Rutgers Master Gardeners of Mercer County. Rutgers, New Jersey Agricultural Experiment Station. November 2016 http://mgofmc.org/here/wp-content/uploads/2016/02/Compost-Bins-2016rev.pdf

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Building System: Lighting and Electrical

Product	Product Features	Certifications	Product Directory/Service Resources
<p>Energy Efficient Lighting</p>	<p>Choose Halogen Incandescent, Compact Fluorescent Lamps (CFLs) or Light-emitting Diodes (LEDs); solar lighting fixtures. Set lights to timers or sensors to reduce energy use and light pollution.</p>	<p>Energy Star</p> 	<p>International Dark-Sky Association http://www.darksky.org</p> <p>Light Bulb Key Product Criteria. Energy Star. https://www.energystar.gov/products/lighting_fans/light_bulbs/key_product_criteria</p> <p>Rensselaer Polytechnic Institute: Lighting Research Center. 2019 https://www.lrc.rpi.edu/</p> <p>Types of Lighting, Energy Saver. U.S. Department of Energy. https://www.energy.gov/energysaver/types-lighting</p> <p>US Department of Energy. Lighting Choices to Save You Money. https://www.energy.gov/energysaver/save-electricity-and-fuel/lighting-choices-save-you-money</p>

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Building System: Furniture and Fittings

Product	Product Features	Certifications	Product Directory/Service Resources
<p>Outdoor Furniture</p>	<p>Look for products made with sustainably harvested wood or recycled content.</p>	<p>Forest Stewardship Council (FSC) Certified</p> 	<p>Building Materials Reuse Association https://bmra.org/</p> <p>Forest Stewardship Council (FSC). Find Products https://us.fsc.org/en-us/market/find-products</p> <p>Habitat for Humanity Restores https://www.habitat.org/restores?place=us</p> <p>Whole Building Design Guide – Evaluating and Selecting Green Products http://www.wbdg.org/resources/evaluating-and-selecting-green-products</p>