



Master Gardeners of Northern Virginia  
Arlington • Alexandria • mgnv.org

## Landscape Design: Form Follows (multi) Function

### *Recommended Online Resources*

*Compiled by VCE Master Gardeners (Arlington & City of Alexandria)*

## Landscape Design Process and Checklists

- VanDerZanden, Ann Marie and Nelson, Diane. 2007. [Home Landscape Planning Worksheet: 12 Steps to a Functional Design](#) Iowa State University Extension and Outreach Publication PM 612.
- NC State Extension and Extension Master Gardener Volunteer Program in North Carolina. 2022. North Carolina Extension Gardener Handbook. [Chapter 19. Landscape Design](#). Online.

## Site Analysis

### General

- United States Botanic Garden and Lady Bird Johnson Wildflower Center. 2014. [Landscape for Life Instructor's Manual](#).
- [Video: Sustainable Landscaping Basics](#)
- Landscape for Life: <https://landscapeforlife.colostate.edu/>

### Land and Soil

- Contour Map Creator. <https://contourmapcreator.urgr8.ch/>
- Contour Maps Online. <https://contourmap.app/>
- Hunnings, Joseph R., Donohue, Stephen J., and Steve Heckendorf. 2019. *Soil Sampling for the Home Gardener*. VCE Publication 452-129. <http://pubs.ext.vt.edu/452/452-129/452-129.html>
- SoilWeb, UC Davis. <https://casoilresource.lawr.ucdavis.edu/gmap/>
- Web Soil Survey, Natural Resources Conservation Service. USDA. <https://www.nrcs.usda.gov/resources/data-and-reports/web-soil-survey>



**Virginia Cooperative Extension**  
Virginia Tech • Virginia State University



Master Gardeners of Northern Virginia  
Arlington • Alexandria • mgnv.org

## Landscape Design: Form Follows (multi) Function

### Water

- Fox, Laurie J.; Robinson, Daniel; and Sample, David J. 2018. [Stormwater Management for Homeowners Fact Sheet 1: Rooftop Redirection \(Disconnection\)](#). Virginia Cooperative Extension Publication SPES-9P.
- Fox, Laurie J.; Robinson, Daniel; and Sample, David J. 2018. [Stormwater Management for Homeowners Fact Sheet 2: Rain Barrels](#). Virginia Cooperative Extension Publication SPES-10P.
- Fox, Laurie J.; Robinson, Daniel; and Sample, David J. 2018. [Stormwater Management for Homeowners Fact Sheet 3: Permeable Pavement](#). Virginia Cooperative Extension Publication SPES-11P (SPES-610P).
- Fox, Laurie J.; Robinson, Daniel; and Sample, David J. 2018. [Stormwater Management for Homeowners Fact Sheet 4: Grass Swales](#). Virginia Cooperative Extension Publication SPES-12P (SPES-611P).
- Fox, Laurie J.; Robinson, Daniel; and Sample, David J. 2018. [Stormwater Management for Homeowners Fact Sheet 5: Rain Gardens](#). Virginia Cooperative Extension Publication SPES-13P (SPES-612P).
- Fox, Laurie J.; Robinson, Daniel; and Sample, David J. 2018. [Stormwater Management for Homeowners Fact Sheet 6: Buffers](#). Virginia Cooperative Extension Publication SPES-14P (SPES-613P).

### Sun, Wind

- Sun Calculator. [www.suncalc.org](http://www.suncalc.org) (also available as an Android phone app)
- Sun Calculator. [www.suncalc.net](http://www.suncalc.net) (also available as an iPhone app)
- Sun Seeker (iPhone app) – solar tracking and compass application.
- Sun Surveyor – solar and lunar tracking (Android and iPhone applications)
- Wind Rose Dataset. Iowa State University Iowa Environmental Mesonet.  
[https://www.mesonet.agron.iastate.edu/sites/windrose.phtml?station=DCA&network=VA\\_ASOS](https://www.mesonet.agron.iastate.edu/sites/windrose.phtml?station=DCA&network=VA_ASOS)



**Virginia Cooperative Extension**  
Virginia Tech • Virginia State University



Master Gardeners of Northern Virginia  
Arlington • Alexandria • mgnv.org

## Landscape Design: Form Follows (multi) Function

### Elements and Principles of Design

- Hansen de Chapman, Gail. 2010. [Basic Principles of Landscape Design](#). University of Florida Cooperative Extension Service Publication Circular 536. <https://doi.org/10.32473/edis-mg086-2010>
- Maxwell, Denise. [Which Flower Colors Best Attract Pollinators & Birds?](#). Illinois Extension, University of Illinois Urbana-Champaign.
- Brabham, Brandy. 2019. [Creating a Pollinator Haven in your Yard and Garden](#). West Virginia Cooperative Extension. Planting Plans and Plant Selection
- Grow Native: [Native Landscape Plans](#)
- Wild Ones: [Native Garden Designs](#)
- [Video: Creating a Well-Layered Landscape](#)
- Andruczyk, Mike and Fox, Laurie. 2015. [Rain Garden Plants](#). Virginia Cooperative Extension Publication 426-043
- [Video: Selecting Native Plants for Your Home Garden](#)
- Master Gardeners of Northern Virginia: Tried and True Plant Factsheets for Northern Virginia and Best Bets <https://mgnv.org/plants/native-plants/>
- *Common Native Trees of Virginia*. 2022. Virginia Department of Forestry. [https://dof.virginia.gov/wp-content/uploads/Common-Native-Trees\\_ID\\_pub.pdf](https://dof.virginia.gov/wp-content/uploads/Common-Native-Trees_ID_pub.pdf)
- *Native Plant Finder*. 2022. National Wildlife Federation. <https://www.nwf.org/NativePlantFinder>
- Plant NOVA Natives: <https://www.plantnovanatives.org/>
- Plant NOVA Trees. <https://www.plantnovatrees.org/>

### Additional Resources:

- Paper Garden Workshop: <https://www.papergardenworkshop.com/blog>
- Pretty Purple Door: <https://www.prettypurpledoor.com/>



**Virginia Cooperative Extension**  
Virginia Tech • Virginia State University