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Fresh Start: Analyze your Home Assets then Budget and Create a Sustainable Enviroscape

Seek an eco-correct direction that links your resources to promote a healthier property, home and family lifestyle. Reduce expenses and increase smart energy after measuring your property's potential and weaknesses.

"Only after the last tree has been cut down, only after the last river has been poisoned, only after the last fish has been caught, only then will you find that money cannot be eaten".

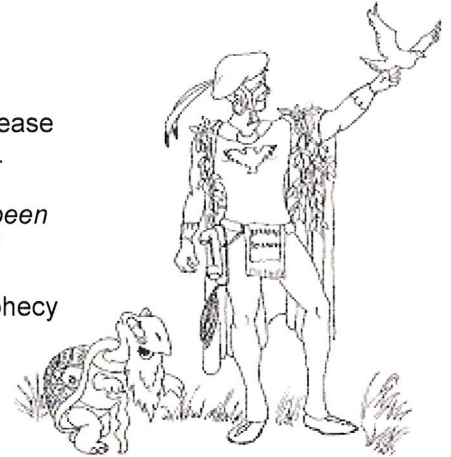
Old Cree Indian Prophecy

Sustainability is the ability to maintain certain ecological processes that balance life...to meet the needs of humans without degrading nature's valuable resources. Sustainable development became prevalent when industry over-developed the land leading to unforeseen consequences in nature: soil erosion, species loss, health issues.

The Construction and Landscaping Industry now is in the process of trying to fulfill the needs of given areas using better and more sustainable techniques such as the use of native vegetation, woody plantings, hydric soil plantings, draught resistant seeds, erosion control mulches and coir matting.

First, you need a site analysis to evaluate the general conditions of your property to reflect the last five (5) years of climatic changes and the site conditions. Every property has a different set of parameters and is as different as snowflakes and people. The problems/solutions are simple:

- Diagnostic testing will determine your soil conditions and if your contractor's methods of fertilization, pesticides and sprinkler system are being duplicated or are justified. Have documentation made for the onsite treatments being performed on premises. The data from your contractor should be recorded including the specific names of species used, MSDS results, labor, equipment, and materials used. Make sure to inventory all site work influences including any flooding or environmentally disturbed areas.
- A base sheet with testing results of multi-nutrients, accumulation of pesticides and chemical factors, soil, water, light, moisture, overall expenses, and prevailing schedules and maintenance programs should be gathered for review.
- A professional must perform soil testing by taking samples of various areas and averaging them to find tracing of harmful areas. Each individual problem area must be analyzed to calculate its intensity so that the steps taken will ensure your property is treated properly to maintain sustainability.
- The diagnosis and prognosis report will interpret the why, how, when, what was done, what adjustments should be made and the costs to produce benefits, and in what order to reach the best results. By doing this, one can calculate the savings to be reduced from duplication and creation of a less expensive and more ecologically friendly utilization of land. (Preservation of ornamental trees, shade trees, special gardens, etc. may need independent observations and surveys).



- The Alignment Program. The parent soil profiles are located in various areas approximately 18 inches deep and you need a sieve bulk density test to figure and evaluate the filtration and water holding capacity. Specific areas should be Ph tested for acidity and alkalinity. Topsoil and areas of multi-nutrients should be tested for activity of pesticide accumulation and organic content as the relationship between topsoil and the parent soil is very important. The biological and cultural disorders of large trees, shrubs, turf areas and their general growing conditions should all be noted for examination.
- There are many solutions that will easily achieve reduction of fertilizer, pesticides, water and nutrient uptake in trees and plants. All are beneficial contributors to the actual needs and will significantly reduce the time needed for your routine weekly/monthly/season treatment program.
- The basis → living, nonliving, biological, cultural, cycles. Your data and facts should identify any of these special service areas and their effects on lawns, streams, ponds, lakes, etc. Data should also include non-point influences of upstream or hillside water flows into your property, influences from town roads, and other projects being built, etc.
- Community feedback is important. Your professionals and contractors have valuable knowledge and information which may apply to your situation, so it's important to ask questions.
- Investigate plant function. Remove harmful contaminants. Find ways to replenish depleted oxygen.
- Depending upon your report, selectively remove invasive weeds and vines choking trees and wetland shrubs.
- Visual views of wetlands can be revitalized with colorful lively year-round plantings.
- Create a bare root plug or seed nursery for propagating a crop of ornamental grasses, perennials, woodland plants, ground-covers, and small plants and trees. They will grow and become useful on other parts of your property when you transplant them.
- Establish a 'wildlife landscape feeding plan' from existing and future plants that will be used to produce a natural food for animals (i.e.: Oak trees for acorns, etc).

Related Sciences Inc. provides a consulting service. We provide the knowledge, technical support and experience to assist you in your troubleshooting as well as in your planning/management through successful completion.

We can help you reach your eco-correct goals to a sustainable and welcoming landscape.

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