

## Program File Structure

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This revision: January 8, 2008

The following is a suggested logical template for filing notes, articles, images, product literature, and other types of information pertaining to Green Building. It is suggested as a means for organizing articles and documents in file drawer, books on a bookshelf, documents and images in a hard drive, bookmarked URL's, etc.

This File Structure (with a few adjustments) serves as the outline for the Reader.

### **Sustainability/green building overview:**

- General
- Case studies
- Costs and financial benefits
- Design Process
- Funding for Green Buildings
- Green Building Programs
- Statistics
- Sustainability principles

### **Site and Land Use Issues:**

- General
- Alternative fuels (biodiesel, ethanol, electric vehicle, hydrogen, etc.)
- Brownfields
- Cool roofs
- Ecological restoration
- Heat island effect
- Light pollution
- Living roofs
- Native plants
- Pervious paving
- Petroleum
- Site design (Stormwater best practices (BMP's), low-impact development (LID), Permaculture...)
- Smart Growth (Sprawl, New Urbanism...)
- Transportation issues and alternatives

### **Water:**

- General (global/regional/local issues, water use statistics...)
- Fixtures
- Rainwater harvesting
- Stormwater [see Water section]
- Wastewater (greywater, constructed wetlands, biological waste treatment systems,...)

### **Energy and Atmosphere:**

- General (energy fundamentals, energy use in buildings, 2030 Challenge, zero-energy homes...)
- Appliances, conventional and alternative
- Bioclimatic design (passive solar design...)
- Carbon (carbon credits, REC's...)
- Climate Change

- Commissioning
- Daylighting
- Energy efficiency
- Energy design and modeling tools
- Glazing
- Heating and cooling (conventional and alternative)
- Insulation [see Materials section]
- Lighting
- Petroleum (end of oil, etc.)
- Renewable energy (photovoltaics, wind, biomass, hydro, wave...)

**Materials:**

- General
- Adhesives and sealants
- Concrete
- Flooring
- Insulation
- LCA
- Materials selection criteria
- Natural materials (bamboo, earth, and straw)
- Paints and stains
- Recycled content
- Roofing
- Salvaged materials
- Siding
- Solid waste issues
- Steel
- Windows and doors
- Wood

**IEQ:**

- General
- Cleaning
- Health effects and human productivity
- Moisture, mold, building science
- Occupant controls
- Source control
- Ventilation