

BERKELEY ECOHOUSE

Environmental Showcase House

1.1 KW grid-tied photovoltaic system

852 SF House with 2 Bedrooms, 1 Bath



Rainwater Catchment Pond
Native California Plantings
Permaculture Gardens

Environmental Showcase House

Educational Programs

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Safecoat Paints
throughout house

Bamboo Countertops
with FSC certified
Angico Trim

Salvaged Cabinets
from Urban Ore

Salvaged Douglas
Fir Flooring

On Demand Hot
Water Heater



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**Sculpted
Recycled Metal
Security Bars**

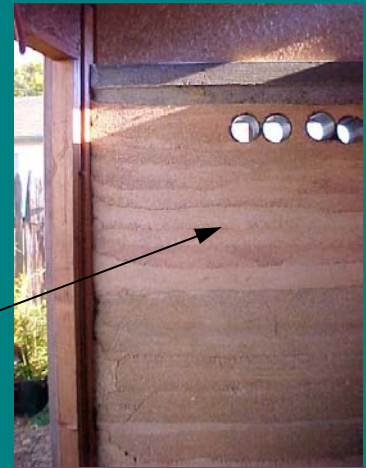
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**Photovoltaic
Roof Shingles**

**Rammed Earth
Trombe Wall**



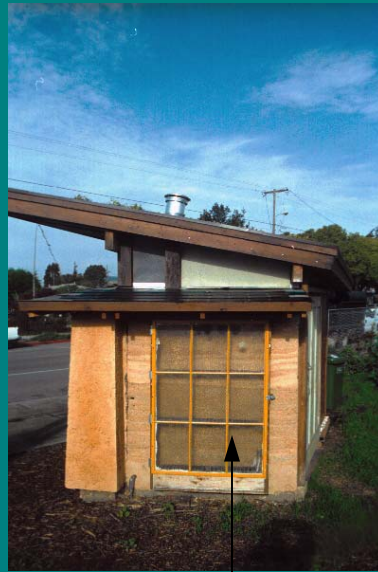
Salvaged Windows



PISE Earth Plaster



**Strawbale
"Truth" Window**



**Passive Heating
Greenhouse**

Salvaged Door

Living Roof

**Rainwater
Catchment**



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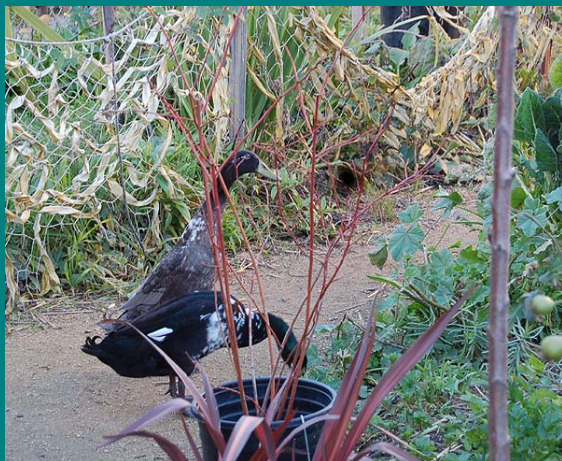
Educational Programs

The EcoHouse Gardens feature dozens of native and edible plant species, including fruit trees, bamboo, flowering plants, tomatillos, alpine strawberries, and many more.



Permaculture Class

We regularly host work parties and classes in mushrooms, permaculture design, landscaping, and gardening.



Composting crew on the prowl

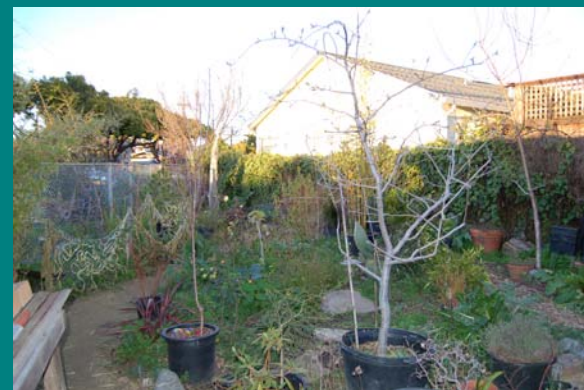
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Permaculture Gardens



The Garden has been a habitat for a variety of insects, too, including 12 species of bees (including 6 native bees). Our resident ducks love to take care of the invasive garden slugs, reducing the population from an estimated 1500 to about a dozen.



Gardens in Winter



Gardens in Summer

Permaculture Gardens

Educational Programs

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Berkeley EcoHouse sponsors the Cob Convergence, which builds structures out of earth and clay.

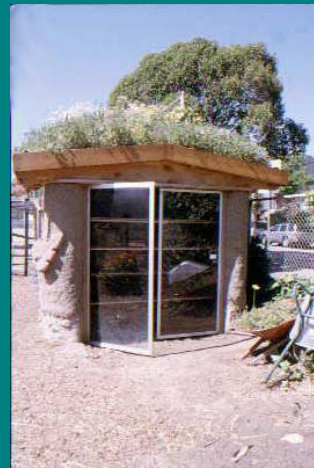


Structures have been built at the Northside Community Gardens and Malcolm X Elementary School.



EcoHouse launched the Solar Energy Education Project (SEEP) teaching passive and hot water solar and photovoltaics, originally in Berkeley and now throughout California under the non-profit Rising Sun.

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Permaculture Gardens



EcoHouse also started the Youth Energy Services Project (YES), which provides energy and water-saving retrofits for seniors low-income residents, and other facilities in the Bay Area. The work and supervision is provided by High School students, giving them job and management skills, as well as connecting them in a positive way with the greater community.

Educational Programs

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The Future For Berkeley EcoHouse



EcoHouse is currently developing plans to expand the structure and provide more comprehensive community services.

A second floor to the existing house will provide space for a Community Room, Teaching Kitchen, Office, and separate residence for volunteer docents. A south-facing greenhouse will demonstrate passive solar heating while providing space for plant propagation, and an upper deck will demonstrate intensive rooftop landscaping.



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Permaculture Gardens

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