

# THE PERMACULTURE ACTIVIST

Vol. II, No. 2 Newsletter of the Permaculture Institute of North America (PINA) Spring, 1986

## Author of The One-Straw Revolution to speak at International Permaculture Conference

Editor's note: At the invitation of the Permaculture Institute, Masanobu Fukuoka, recognized as one of the foremost proponents of "natural farming", will journey to the United States to attend the Second International Permaculture Conference this summer. Fukuoka attracted worldwide attention within the organic farming movement when his book The One-Straw Revolution was released in 1978. Like many "over-night" successes, Fukuoka's accomplishments represent a lifetime of experimentation, observation, critical thought and careful labor. We feel honored that Fukuoka-san has consented to make this trip to North America, and hope that many people will be able to take advantage of this incredible opportunity to learn more about applying his farming and orcharding methods.

This issue of The Permaculture Activist is an invitation to participate in the International Permaculture Conference, and other programs of the Permaculture Institute (and other permaculture groups around the country) taking place this summer. The Conference will be held at The Evergreen State College in Olympia, Washington on August 8th - 10th. For information on registration fees and other details please turn to page ??

The author of this article, Larry Korn, lives and works in Soquel, California. Larry is the editor of the English language translation of The One-Straw Revolution.

Larry Korn

During the past 45 years Masanobu Fukuoka has been developing a unique method of natural farming which could help reverse the degenerative momentum of modern agriculture. His method uses no agricultural chemicals or prepared compost. It requires little weeding and less labor than any other farming technique. The soil in his fields on the Japanese island of Shikoku have not been plowed for more than thirty years, and yet his yields are comparable to those of agribusiness farmers who use all the latest chemicals and technology.

The idea for this way of farming came to Mr. Fukuoka when he was a young man of 25 years old. At the time, he was working as a microbiologist for the Japanese Customs Bureau inspecting incoming and outgoing plants. Without warning, one day he had a sudden realization about the relationship of people and nature. He saw that nature had evolved in perfect balance and abundance. Most of the problems facing modern society, he saw, arose out of peoples' mistaken and arrogant idea that we can improve on nature.

He tried to explain this insight to his coworkers in the laboratory, but without success. At the time, during the mid-1930's, modern technology was just coming to Japan and most people believed it would lead to a kind of science-based paradise. Mr. Fukuoka's ideas appeared to be behind the times. But Mr. Fukuoka was convinced that the idea of working with nature instead of trying to use nature strictly for human benefit was of great practical value to society. He decided to return to his father's farm and create a practical demonstration of his philosophy for all to see.



For the next 40 years his work was toward a natural way of farming. Having no model to go by except nature itself, his overriding principal was to eliminate, one by one, unnecessary agricultural practices. Once he managed to tilt conditions in his fields and orchard slightly in favor of his crops, he interfered as little as possible with the plant and animal communities. As he explains, "My way of farming now is little more than sowing seed and spreading straw, but it has taken me more than 40 years to reach this simplicity."

Today Mr. Fukuoka is the leading spokesman for natural agriculture in Japan. With the publication of his book, The One-Straw Revolution, and its subsequent translation into four other languages, including English, French and German, Mr. Fukuoka has become an inspiration to natural farmers throughout the world. In the summer of 1979 he made his first trip outside Japan visiting the east and west coasts of the United States for several months. Two years later he travelled to Europe to meet with natural farmers and natural foods enthusiasts there. Last year he was in Africa trying to find a way to reverse the devastating process of desertification.

continued page 2, column 1

We invite you to join us at:

**The 2nd International Permaculture Conference**  
August 8 - 10, Olympia, Washington, USA  
with: Wes Jackson, Masanobu Fukuoka, Bill Mollison  
& 60 other presenters from around the world.

Registration form & details - see pp 21-23



photo: Larry Korn



Mr. Fukuoka's current interest is centered mainly on the problems of arid lands. He was shocked to see the condition of California and how human activity had accelerated the spread of the desert northward. This was caused, he believed, primarily by overlogging using careless techniques and overgrazing. In Africa he hoped to find a way to get a ground cover established eventually preparing the way for shrubs and trees in natural succession.

Mr. Fukuoka's upcoming visit to the United States this summer could not come at a more important time. Problems in modern agriculture and society continue to become worse, yet the activity to create effective natural techniques to counteract this

trend is also at its peak. The practical techniques and inspirational presence of this great teacher can only help the movement of those who are trying to develop a sustainable and truly ecological agriculture throughout the world.

Editor's note: Mr. Fukuoka will be speaking at the 2nd International Permaculture Conference to be held August 8 - 10 in Olympia, WA. For details contact: Permaculture Institute of North America (PINA), 6488 Maxwellton Road, Clinton, WA 98236, (206) 221-3979. The One Straw Revolution, and Fukuoka's new book, The Natural Way of Farming, The Theory and Practice of Green Philosophy, are both available from PINA, \$3.95 and \$15.95 + shipping charge of \$1.25 per book. «

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Vol. III, No. 2	Apr. 1, 1987	May 1, 1987

The Permaculture Institute is located on a 23 acre farm on Whidbey Island in Washington State. The farm and its four story farmhouse are being developed as an interpretive center and educational facility demonstrating permaculture design and methods. Contributions to PINA are tax deductible. PINA is supported by donations, grants, education program revenues, special projects and membership dues.

## Permaculture Design Course - An Introduction

Guy Baldwin

Between May and November, 1986, various permaculture groups around North America are organizing several Permaculture Design Courses. While the basic approach to permaculture design will be similar, each course is unique because different instructors and participants bring their own special expertise. What follows is a quick introduction to the goals and purposes of the course and what you can expect to happen there.

Permaculture is a holistic approach to landscape design and human culture. It is an attempt to integrate several disciplines including biology, ecology, geography, agriculture, architecture, appropriate technology, gardening, and community building.

Several different curricula and teaching styles have been developed for teaching permaculture design. Of course, each group of instructors will emphasize different aspects of permaculture depending on their skills and interests. An example course outline provided by permaculture instructor John Quinney of the New Alchemy Institute is shown on page 4

So, you might ask, what goes on at a Permaculture Design Course? The answer is that each course is different - and primarily reflects the expertise of the instructors and the interests of the participants.

Generally, the courses are attended by 15 to 30 people with very diverse backgrounds. Participants in past courses have included: organic farmers and gardeners, architects, landscape contractors, herbologists, teachers, homesteaders, peace corps workers, city planners, ranchers, students, amateur and professional botanists, nursery operators, tree planters and a whole range of other occupations.

The Design Course is an intensive learning situation - the day's schedule of instruction usually begins at 8:30 AM and goes until 4:30 or 5:00 in the afternoon. Meals are an opportunity for all of the course participants to share experiences and knowledge and brainstorm on strategies for permaculture design. Evenings are usually devoted to quiet study or to additional presentations by "resource" people who are called in for their special expertise. Slide shows, videos, movies, show & tell, and demonstration of different kinds of equipment add a great deal to the regular classroom instruction.

continued next page



Each course includes some time for "hands-on" work, whether it be building a composting toilet, a "Lorena" mud-brick stove, gardening, or tree planting.

In addition, a practice exercise in planning and presenting a "Permaculture Design" is an integral part of every course. This usually involves the preparation of a preliminary design report for a nearby property. Quite often, this is accomplished by dividing into design "teams" of two or three students who research and prepare a design report on a certain aspect of the complete design - such as water supply, buildings, energy production, aquaculture potential, tree species selection, or income production.

What I haven't mentioned is how much fun goes on during the design courses. Each course is a great opportunity for sharing ... sharing concerns about the environment, sharing ideas about regeneration, trading back-massages, trading resources - sharing your own expertise, and the all-important talent show. The talent show is a much-needed release of energy at the end of two or three weeks of intensive head work. Everyone sings, dances, reads poetry, plays music, shows off their special skill.

One of the primary underlying features of the PCD is the rapport which develops between the participants over the 2 to 3 week period (courses vary in length - those organized by PINA tend to be 2 weeks, while the New Alchemy Institute and Dan Hemenway of Elfin Permaculture have developed a 3 week curriculum). The learning is intense - discussion goes on into the late hours over various ways to plan, plant, and maintain permaculture landscapes, and about political, social, ecological, and economic implications of permaculture. There is plenty of time for each person to talk about the particular situation on their land, and to describe the work they are doing and get feedback from other participants.

The longlasting effect of this rapport is the feeling of a "community" which develops.

Mutual support within this community is emphasized. The Maritime Permaculture Institute is an example of an organization formed to provide this support. Its members are the graduates of several permaculture design courses taught in Oregon, Washington and British Columbia. Through meetings, conferences and publications, their goal is to provide continuing support for course graduates, both in the way of technical information sharing, and friendly encouragement between members.

Worldwide, there are over one thousand graduates of Permaculture Design Courses. For most, the course is simply a stepping off point, a foundation of basic knowledge to build on by learning additional skills.

Permaculture Design provides a framework to plug in many kinds of expertise.

The course curriculum is designed to give the background needed for further study in permaculture design. For what it's worth, graduates of the courses receive a "Certificate of Course Completion". A "Diploma of Permaculture Design" is issued to those who complete an additional two years of applied work on permaculture in one of the following fields: Site Development; Site Design; System Establishment and Implementation; Media and Communications; Manufacturing; Community Development; Administration; Education; Finance; Trusteeship; Architecture; or Research.

Neither the Certificate nor the Diploma carry much weight in the "real world", they simply recognize that a good deal of individual effort and work has gone into developing skills useful in permaculture design. A Diploma or Certificate does not necessarily qualify one to work for clients as a "Permaculture Design Consultant", in fact, most of the people who have completed permaculture courses and gone on to receive a Diploma do not work on a professional level as design consultants, since there seems to be a relatively small market for such services. Most do, however, continue to make use of permaculture design techniques in whatever work they do, because these techniques have such a broad application.

From my point of view, as a college graduate in Mechanical Engineering, the "bottom-line" was always considered to be the most important design consideration. This was usually interpreted to mean profit, based on efficiency or cost of production. In the final analysis, as an engineer, the question you'd always have to ask when designing or evaluating a product was, "Does it work?"

I think this question, "Does it work?", is also the most important consideration in permaculture design. The difference between the approach that an engineer and a permaculture designer takes is that permaculture is based on ethics of care for humans and the natural life systems in which we live.

The "bottom-line" in permaculture is the health of people and of the ecosystems upon which we depend for all of our basic needs. We recognize that all of our actions have multiple effects, and that we can not provide for human needs without also providing for the needs of all species.

We also recognize that the impact of human activities on the living systems of our planet has been extreme, and, in most cases, detrimental to the health of these systems. I feel that the most important goal of any permaculture related work is to counteract these detrimental effects, and, in turn, to work for regeneration of a balanced and healthy environment.

(cont. p. 20)

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## Permaculture Design Course - New Alchemy Institute

This course is designed for individuals who will promote permaculture concepts through their work as agricultural researchers, teachers, trainee designers, farmers, etc. The course will include up to 72 hours of instruction and hands-on field experience. Course participants will also complete preliminary design work for a local site, or a landscape of their choosing.

Permaculture is the term coined by Australians Bill Mollison and David Holmgren to describe the characteristics of a permanent agriculture. Permaculture is the conscious use of ecological principles in designing self-sustaining food, fiber and energy producing systems: water and soil management and human needs into harmoniously and intricately connected human communities. In academic circles, the term agroecology, with its emphasis on the use of natural ecosystems as design models for sustainable agriculture, and biologically-derived inputs to production and management requirements, parallels permaculture concepts.

This three week course will be coordinated by John Quinney, Ph.D. Dr. Quinney will be assisted additional instructors with research backgrounds and practical experience in selected aspects of permaculture. These include: Rosalind Creasy, edible landscaper and author of The Complete Book of Edible Landscaping; Dr. William McLarney, author of the definitive text, The Freshwater Aquaculture Book; Gregory Williams, Director, International Tree Crops Institute, editor and publisher, Hortideas; Sego Jackson, Executive Director, Permaculture Institute of North America; and New Alchemy Institute staff experienced in greenhouse design, integrated pest management, aquaculture, hydroponics, energy-efficient design, etc. By structuring the course in this fashion, rather than relying on a single teacher, participants will receive professional instruction in all aspects of perma-

culture from highly experienced and competent experts. Lectures will be supplemented by reading lists and handouts.

In summary, the three week course will include the following topics:

1. Global Environmental Problems: A survey, with supporting data, of soil erosion, pesticide abuse, groundwater pollution, deforestation, acid precipitation, energy consumption, urbanization, water consumption. Designed to set the context for subsequent discussion.
2. Basic Principles: Definitions of sustainable agriculture, permaculture, design, ecosystem fabrication. Basic laws: energy conservation, entropy.
3. Ecological Design Principles: Using natural ecosystems as models, utilizing biological and solar inputs, diversity and stability. Illustrated by reference to farm and orchard systems, native forests, nitrogen-fixing, allelopathic, and mycorrhizal plants.
4. Permaculture Design Principles: Problems as opportunities, multiple functions, spatial analysis by zone, sector, slope and interaction.
5. Site Analysis: Vegetation analysis, microclimatic characteristics, contour mapping, light, etc.
6. Designing Zones I & II: A comprehensive review of urban agriculture, intensive vegetable production, small fruits, and livestock. Illustrated with many proven applications. Emphasis on low labor requirements, efficient utilization of space.
7. Edible Landscaping: Concepts and practical examples of the use of plants to design aesthetically pleasing landscapes.
8. Landscape Components: Function and design of hedgerows and windbreaks, fire-based systems, fencing, etc.
9. Animals and Permaculture: The role of animals as multifunctional elements. Integrated pest management, habitat enhancement, birds and pest control, wildlife enhancement, designing beescapes, intensive use of weeder geese, ducks and chickens, sheep, pigs, goats, cattle, etc.

10. Topography and Design: Designing with gravity. Water management and irrigation, pond siting and construction, keyline water management and irrigation systems, swales, small catchments and erosion control systems.

11. Aquatic Crops and Aquaculture: Emphasis on the integration of agriculture and aquaculture, homescale tilapia and carp systems, channel catfish, trout, minor species, manure-driven fish ponds, aquaculture water for irrigation. Survey of European and Chinese systems.

12. Plant Survey: A comprehensive survey of up to two hundred useful annual and perennial plants. Introduction to species matrices and data storage systems.

13. Structures and Permaculture: Siting principles, solar design for energy-efficient houses and greenhouses, greenhouse design, rainwater collection and storage, low flow and waterless toilets, landscaping and structures.

14. Greenhouse Agriculture: The greenhouse environment, varietal selection, year-round cropping schemes, integrated pest management, the economics of commercial greenhouse systems.

15. The Design Process: A step-by-step outline of the procedure for translating concepts into actual designs. To be used by course participants in individual and group design work.

The course fee is \$600, which includes lunches and dinners for three five-day weeks. Accommodation will cost between \$150 and \$300 extra. A limited number of scholarships are available, especially for Native Americans and people living on low incomes. To apply for financial assistance, please write stating your need, your intended career and its relation to promoting permaculture concepts. Registration is limited to thirty. To apply please send a brief letter, stating why you want to take this course and how you will use the knowledge gained. Please include a resume and a \$50 deposit. If the course is cancelled, or you are not selected, the deposit will be returned. Application Deadline: September 1, 1986. Send applications to:

Mr. John Quinney, Ph.D.,  
Executive Director  
The New Alchemy Institute  
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## Permaculture Design Course

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Steve Erickson

Permaculture is a whole systems approach to land use planning and design, whose basic criteria are sustainability and suitability to the demands of the environment and the needs of the people. With this base, the course will explore Permaculture Design and Third World societies.

Often, problems are defined and solutions proposed with little or no relevance to the lives of the people they impact. At worst, they cause displacement and starvation of the people they were supposed to help. At best, they become one more obstacle to sustainable grass roots development.

Permaculture has a very different orientation. First, the systems already in place must be analyzed to learn how they evolved to their present state and how, why and, if, they are no longer adequate. Any changes or interventions proposed must be culturally acceptable to the people they affect, environmentally sound, and ecologically sustainable.

The course will emphasize ecological and permacultural design principles, agriculture, and agroforestry in the Third World. Subjects covered will include reading the landscape, low energy food production and preparation,

tree planting strategies for arid and tropical lands, agroforestry, fuelwood and improved charcoal production, aquaculture, integrated livestock systems and breed selection, hedgerow and shelterbelt design, sociological factors, and more. Participants will gain hands-on experience in the construction and design of wood conserving stoves.

**Course Instructors:** Primary course instructor is Ianto Evans, Director of the Aprovecho Institute, and one of the developers of the wood conserving Lorena Cook Stove. Aprovecho has worked in over 20 Third World Countries. Ken MacDicken, of the Nitrogen Fixing Tree Association, will teach the agroforestry segment of the course. Jim Peterson will share the hands-on experience he gained from three years with the Peace Corps in the Phillipines. Additional resource people will also participate and be available during the course.

**Location and Facilities:** The course will be conducted at the Permaculture Institute located on Whidbey Island in the Puget Sound of northwestern Washington State. Classroom facilities at PINA are good, but other facilities are minimal. Lodging will be in our outbuilding or your own tent (we may be able to provide tents if needed).



Course instructor Ianto Evans with wood conserving "mud" cook-stove made from sand, clay, and water at the Third World Permaculture Design Course, August, 1985, held at PINA.

**Tuition:** Tuition for the course, including all meals, lodging, curriculum materials, and field trips, is \$460. Registration is limited to 25 participants. An initial, nonrefundable deposit of \$50 is required for registration. The remainder of the course fee is due by May 13. A limited number of partial scholarships are available. If you would like to be considered, please send us a letter about yourself. «

For more information:

Steve Erickson, Course Co-ordinator  
PINA  
6488 Maxwellton Road  
Clinton, WA 98236 ph. (206) 221-3979

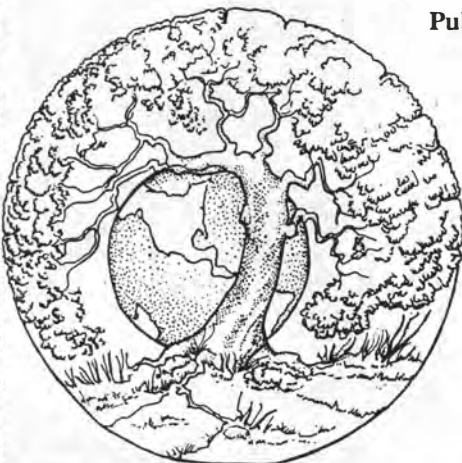
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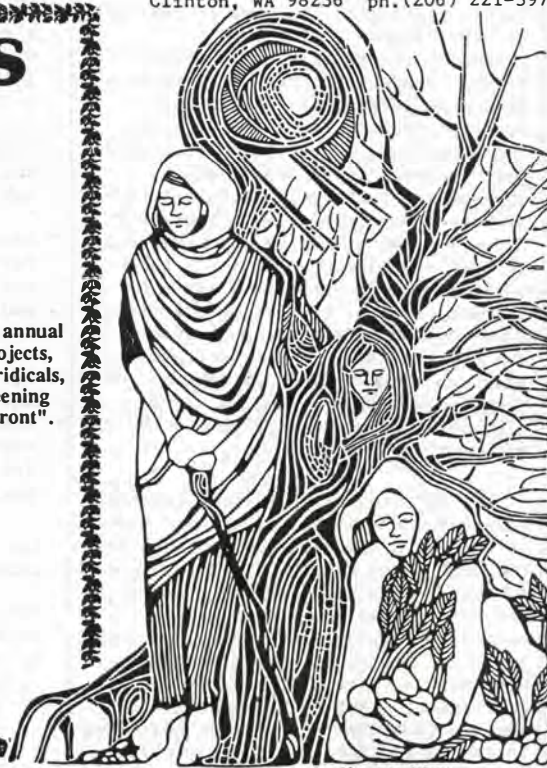
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KAREN KENT



**WOMEN'S PERMACULTURE DESIGN COURSE**

TAUGHT BY AUSTRALIAN DESIGNERS ROBYN FRANCIS AND LEA HARRISON

**July 12 - 27, 1986****Whidbey Island, Washington, USA**

(repeated Sept. 6-21, Freeland, Maryland)

Editor's note: Since we first started advertising this program, many people have inquired as to why we feel there is a need to have a "segregated" permaculture design course for women. By way of explanation, we have included these short articles by the women who are directly involved in organizing and teaching the women's, courses.

Lea Kouba

Women, historically and in modern times, occupy a major position in agriculture and food production throughout the world. In addition, they bring intuitive skills to the evolution of community and culture.

This design course offers women an opportunity to recognize and share their unique contribution to society and to integrate past experience with new information through a creative and non-traditional process. By fully acknowledging our personal power and encouraging others to do so, we can create a supportive network of women working with land and community to build a better, healthier world, and encourage the emergence of the feminine side in all people.

The women's courses will examine the ethics and principles of permaculture and the basic elements of landscapes. Design principles of zones and sectors and the process of creating a permaculture design will be studied in depth. Subjects covered will include gardening strategies and design, nutrient cycling, animal forage systems, orchards, aquaculture, cash crops, pest control, water conservation, appropriate technology, reforestation, community development and alternative finance. There will be an opportunity to practice design on PINA's land and in co-operation with local landowners. Emphasis will be on gaining practical knowledge which can be integrated into our current work. Participants will also weave the images and concepts of permaculture into a cultural fabric through experiences with art, music and movement and ceremony.

Lea Harrison has been both teaching permaculture and developing her farm as an example of permaculture methods for the past seven years. She has taught design courses since 1982 in Australia and New Zealand and developed the course specifically geared toward women in 1983. She received the Permaculture Community Service Award in 1984. Lea is teaching a course for aboriginal women this spring and will be traveling in the US and Europe through the summer

and fall of 1986. She lives on a 140 acre farm in northern New South Wales, Australia where she raises cattle, bees, fruit trees and poultry for both personal consumption and commercial sale.

Robyn Francis is the coordinator of Sydney Permaculture Services, which provides classes, information, and design consultations to Sydney's urban population. She is formerly a commercial herb grower who now manufactures and markets high quality herbal products, and is a superb electric guitarist and singer, playing with her band when not working on permaculture projects.

At the Women's course in Washington, Lea and Robyn will be assisted by 10 other women including:

- \* Bev Reed, former owner of water fowl and rare breeds hatchery with over 2000 birds, currently manager of the Permaculture Institute's weeder geese project and Permaculture Resource Service;
- \* Leta MacDonald, owner of Penn Cove Sea Farms, one of the first commercial mussel farms on the West Coast, which is exploring the possibilities of harvestable polycultures in marine aquaculture;
- \* Shery Litwin, who makes her living as a permaculture and edible landscape designer in Seattle, and co-owner of Edible Landscape Services;
- \* Marianne Edain, co-owner of Frosty Hollow Nursery, experienced in seed collecting, propagation and natural habitat revegetation;
- \* Anne Schwartz, employed by Cascadia Farm, one of the Northwest's largest and most successful organic farms, and co-ordinator of Tilth Producers Cooperative;
- \* Dr. Margrit Kennedy, noted West German planner, architect, and writer, responsible for energy, ecology and womens projects for the International Building Exposition - Berlin, 1987;
- \* Lea Kouba, PINA staff person and coordinator of the women's course;
- \* Reny Slay, formerly a staff person with the Farallones Institute, now a director of the Permaculture Institute of Australia, living and working in Tasmania with Bill Mollison;

\* Susan Davidson, from Community Alternatives Society and Fraser Common Farm in British Columbia, which has been working with the permaculture design process and is developing an edible flowers business;

\* Joyce Moulton, PINA staff member who has just completed a house and is in the process of having a permaculture design completed for her property, and;

\* Robyn McCurdy from Tui Community in New Zealand, a community organizer and permaculture instructor.

**Location & Facilities:** the course will be conducted at the Permaculture Institute located on Whidbey Island in Washington State. Classroom and dining facilities are in the farmhouse which also houses the Institute's office. Lodging will be in your own tent, with outdoor toilet and bathing facilities. We will arrange child care if it is needed, at additional cost.

**Tuition:** \$460, including all meals, curriculum materials and field trips. Registration is limited to 25 participants. An initial, non-refundable deposit of \$50 is required to reserve a space, the remainder of the course fee is due by July 1. Make checks payable to: Permaculture Institute of North America. A limited number of scholarships and work trades are available - if you would like to be considered, please send us a letter about yourself.

For more information:

Lea Kouba, Women's Course Coordinator  
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6488 Maxwellton Road  
Clinton, WA 98236 ph. (206) 221-3979.



Sketch drawing by Debra Koff-Chapin.



## § PERMACULTURE DESIGN COURSE FOR WOMEN §

Heathcote Women's Community - Heathcote, Maryland

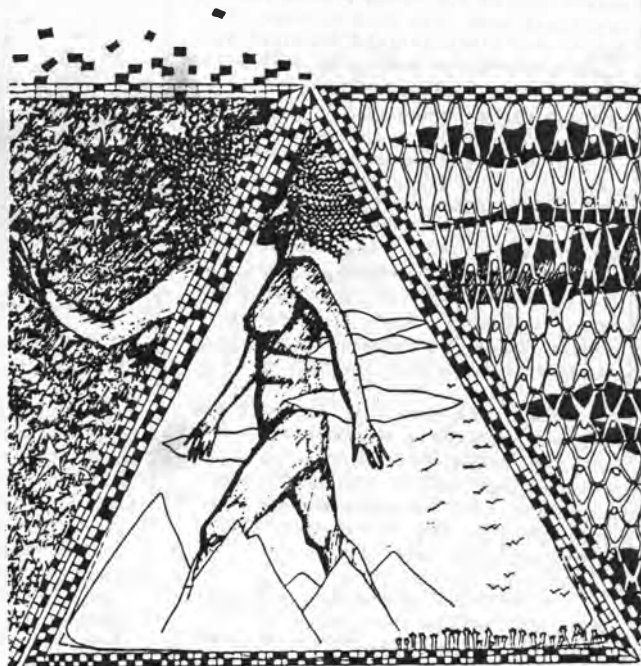
SEPTEMBER 6-21, 1986

**Instructors** - Robyn Francis & Lea Harrison  
*Permaculture designers, consultants and teachers from Australia, assisted by other resource women*

**COURSE INCLUDES** all aspects of permaculture design, urban and rural; slides & films; field trips; hands-on design work

**COST:** \$500 - includes room & board, tuition, and related materials

**Contact:** Cynthia Edwards  
 Heathcote Center  
 21300 Heathcote Road  
 Freeland, MD 21053  
 (301) 343-0280



## Women's Design Course Information Alone is not Enough

Cynthia Edwards

We are living on a planet in crisis. Our diminishing resources need conservation, our threatened life-support systems need restoration. We need to solve these problems creatively. Basically, we already know what the dangers are. The essential questions are: Can we free ourselves to respond and how do we go about it?

The "bad news" about what's happening to our world can drive us deeper into denial and feelings of futility, causing us to block out painful information in order to go on with our daily lives.

To fully respond on an action level we need a way to process this information on a psychological and emotional level. The Women's Permaculture Design Course at Heathcote Women's Community will address these and other needs as part of a comprehensive approach to the full range of instruction in permaculture design and field work. The process will include issues of personal power; creating the world we envision; empowering others to act; and creating support networks for those doing this work.

Australian designer/teachers Lea Harrison and Robyn Francis will lead the course, assisted by other resource women.

This approach to permaculture design and education is being developed by Cynthia Edwards, design apprentice from Heathcote Community. It draws on the pioneering work of Joanna Macey and the Interhelp network done in the area of empowering people to act effectively in the face of global crisis.

The goal of the Women's Permaculture Design Course is to provide the physical, emotional and spiritual tools needed to empower participants to carry on this important work.

Heathcote Women's Community and Conference Center was begun in 1965 by the School of Living, a decentralist organization which was part of the early homesteading movement of the 1930's. It has been an education center for self-reliant living and is now becoming a permaculture center as a way to broaden its work. It's 35 acres are in the School of Living Land Trust, which is the site for the Community Land Trust Conference, June 6-8th.

The community is actively seeking new members interested in fully participating in community living and developing the Permaculture and Conference Center. «

## Taking on the City

Robyn Francis

After six years quietly tending my herb nursery, poultry, orchard and gardens in a remote rural area, the city of Sydney seemed a formidable challenge for a "country girl".

Following an adjustment period of several months and experiencing intense frustration from the apathy encountered in many "alternative" people (comments like "I'm only renting", "My yard's too small to grow anything", "I'll do permaculture when I buy a farm", "You can't do it in a city like Sydney") plus news that the Permaculture Sydney group had long ceased to exist, I was determined to make something happen.

continued next page





A house for rent with a tiny back yard materialised on a small side street behind Australia's most heavily trafficked road, one of a cluster of duplex dwellings largely occupied by acquaintances, including my only sister & her friends - it seemed to be the perfect place to begin.

The yard, too polluted and acid to even support a lawn, was soon transformed into a productive little oasis with the help of deep sheet mulch gardens made with copious amounts of composted stable sweepings from the nearby University Veterinary Sciences Dept. Within a couple of months a substantial proportion of my vegetable needs were ready for harvest.

I then felt confident to teach and expound upon the green potential of the city and small spaces; printing & circulating leaflets and conducting workshops on urban permaculture, square foot gardens, edible landscapes and green guerilla tactics.

A frustrated journalist seeking practical applications of "Deep Ecology" philosophies was referred to me by Bill Devall. Her subsequent article "A Backyard Bonanza" published in a regular women's magazine brought in a deluge of mail; hundreds of enquiries about permaculture from all over Australia, New Zealand and even Malaysia.

Things were beginning to happen on all fronts; Permaculture/Sydney Association was reborn, a permaculture consultancy group formed, ethical investment meetings and workshops, tree planting program for a local government in Sydney's outer suburban sprawl. During this time I also began teaching Permaculture part-time at the Ryde School of Horticulture where it was being offered for the first time as an elective subject for the Horticulture Certificate final year and also as a short course. One hundred and fifty students later it was time to run a full scale Permaculture Design Course which we conducted on several weekend sessions.

This was closely followed by a seminar at Macquarie University on Integral Urban Design specifically targeted at local government planners, and the convening of the 2nd National Permaculture Consultants Conference on the outskirts of the city of Sydney's National Park.

During this period many other things were happening; a design project for a 215 acre property leased to the "Sisters of Mercy" for employment, skills development and recreation - incorporating working farm, nursery, community gardens, etc. The consultants group came of age with the registration of a non-profit company "Permaculture Services Ltd.", and I



Lea Harrison

The idea of Permaculture Design Courses specifically for women first arose at the Harrowgate Permaculture Consultants Conference in South Australia in February, 1983. There were only 5 or 6 women present (20 % of the total). Stephanie Goldfinch read a paper on "Women in Permaculture" and considerable discussion followed. The question of why there were so few women participating in permaculture remained unanswered.

Bill Mollison suggested that permaculture should not become male dominated and therefore we should try to have 50/50 men and women at all design courses. But in practice, only a very small number of women were applying to do courses - usually less than five out of 30 people at each course.

The women present at Harrowgate continued informally talking over this question. We came up with three possible factors that could bring more women to courses: holding a course only for women; making it low cost; and having child-care available.

I found myself being commissioned to write articles for various farming, lifestyle and alternative magazines.

The pace continues unabated with two part-time design courses - one in Sydney and the other with students at the Hawkesbury Agriculture College, an Edible Landscapes Design, Construction & Maintenance collective forming as a division of Permaculture Services and busy-bees scraping, scrubbing and painting our newly acquired premises (shop front & upstairs residence) to be christened the EPICENTRE - Earthcare Permaculture Initiatives.

The centre will provide facilities for offices, library, meeting/workshop space, land access office, demonstration inner-city edible square foot garden, organic & biodynamic garden supplies, publications sales, information services and anything else we can fit in.

We decided to hold such a course - it was held in November, 1983 in the Tweed Valley, northern New South Wales. Twenty-six women attended, bringing twelve children with them. Registration for the course was full several months beforehand and forty more women wished to register after it was filled. We were amazed at this response from women, compared to that for previous mixed courses.

The course was held on my farm using farm buildings and large tents. Despite the rather basic conditions, complicated by a week of torrential rain, a lot of information was exchanged and an enduring network has formed - we also had a lot of fun, and the concert held on the final night will go down in permaculture history!

The continuing level of participation from this course has been very good. Ten of the twenty-six women took part in the International Consultants Conference held in 1984 in Australia. A good number are working in different areas of permaculture today.

The present need for women-only courses has been demonstrated by the good response and also by the low level of participation of women designees at other events. For example, although 24% of the consultants present (at the International Conference) were women, no women at all gave papers. In response to this, more Women's Design Courses will be held. (One was held in Australia in September, 1985 and two are planned in the USA this year). However, I see this as a temporary measure until the number of women designers approximately equals the number of men, and until women designers feel they have gained, among themselves, the information, confidence and experience to feel on an equal footing in the larger mixed network. <<

...And it all began with a garden in a tiny polluted back yard just 18 months ago. There is much an individual can do with a fearless drive expressed through affirmative action - one individual, any individual can set off an avalanche of positive change and feedback, it only takes a bit of faith - in nature, the future, and yourself. <<



KAREN KENT



## Bill Mollison

For the past eight years, Bill Mollison has been actively engaged as a lecturer, teacher, and consultant in the field of environmental design. He has written two books, Permaculture One and Permaculture Two, which have sold over 100,000 copies and have been translated into four languages (German, French, Portuguese, Spanish). He is currently writing a third book, Permaculture: A Designer's Handbook, to be published in 1987.

Permaculture is an integrated system of design encompassing not only agriculture, horticulture, architecture, and ecology, but also money management, land access strategies, and legal systems for communities and businesses. It is this approach that brought permaculture to the attention of many students, and in the past six years Mr. Mollison has taught design training programs, numerous weekend and week-long workshops, and has lectured extensively in Australia and other countries.

As a result of these efforts, permaculture consultancies and associations have formed throughout the world, with some 70 local associations currently active, and the 3,000 member international association linked together by the magazine Permaculture: The Journal of the International Permaculture Association.

In addition to his freelance courses, Bill Mollison has taught design workshops for the Australian Department of Education's Technical and Further Education (TAFE) colleges, focusing in the area of nutritional agriculture, dryland planting techniques, and appropriate housing for arid climates. He assisted in short teaching films for schools and universities, and has developed a teaching manual in arid land techniques for TAFE's School of Aboriginal Education. He has conducted special arid land design courses in central Australia and in Nevada, USA, and is invited to do so next year (1987) in Brazil, the U.S. and Bahrain, in the Middle East.

Bill Mollison travels extensively and has been asked to consult on numerous properties, both for government agencies and private individuals. Among his many consultations are:

- \* Village housing and planting design for factory workers in Brazil.
- \* House design and nutritional gardens for Australian Aboriginal settlements.
- \* Tropical polyculture systems in Hawaii, Fiji, and the Seychelles.
- \* Design strategies for city farms in the U.K.
- \* Sewage lagoon planting, dryland garden and farm, and food-producing schoolground designs in Australia.

Australian ecologist  
**Bill Mollison**  
teaches a 16 day intensive  
Permaculture Design Course

August 30 - Sept. 14

Permaculture Institute  
of North America  
Whidbey Island, Washington, USA

**\$460 - early registration  
encouraged**

(registration form on page 20)

Mr. Mollison has written articles, reports, and recommendations on permaculture, contemporary agriculture, alternative technology, Aboriginal health, and community economic strategies, and is often a key speaker at universities and at conferences worldwide. He is currently writing a booklet on Arid Land Permaculture (for release in 1988), and is researching arid land plant species for use as food, windbreak, dune stabilization, and animal fodder.

Bill Mollison has been very active in initiating and promoting ethical investments and community economics. He founded the U.S.A.'s "EarthBank Association" and Australia's "Earthbank Society", both entities dedicated to informing the public about alternative economics and advising on monetary strategies for groups and small businesses.

In 1981, Mr Mollison received the Right Livelihood Award (sometimes called the "Alternative Nobel Prize") for his pioneering work in environmental design. He has been active in conservation work and, through the Permaculture Institute, provides funding for tree planting programs around the world. He has appeared on Australian, European and U.S. television and radio, and has been widely interviewed in newspapers and magazines whose readers are interested in perennial agriculture, ecology, and ethical financial strategies.

Prior to his development of permaculture design, Mr. Mollison taught at the University of Tasmania for 10 years, where he developed the course on Environmental Psychology (the effect of environmental stressors on human behavior); in addition, he taught post-graduate courses in environmental design. He received his degree in bio-



Bill Mollison at home in Stanley, Tasmania. Photo: Guy Baldwin.

geography from the University of Tasmania in 1967, and qualified for a Masters a few years later. He is also the holder of a Diploma in Applied Design. While teaching at the University, he independently researched and published a three-volume treatise on the history and genealogy of Tasmanian Aborigines, which has directly assisted Aboriginal descendants to apply for schooling grants.

Before his appointment to the University of Tasmania, Bill Mollison worked three years as a biologist for the Inland Fisheries Commission, and a year with the Tasmanian Museum in curatorial duties. He spent nine years as senior technical officer in the Commonwealth Scientific and Industrial Research Organisation (CSIRO) where he worked on animal populations and forest regeneration.

Mr. Mollison is president of the Permaculture Institute, and is the research supervisor of the Institute's College of Graduates, which issues Diplomas of Permaculture Design and higher degrees to students who have studied a minimum of two years. «



Bill Mollison cutting a tractor tire to be used in constructing a garden pond. Photo: Guy Baldwin.



Reny Slay

Bill Mollison will be the primary instructor for a Permaculture Design Course for Arid & Semi-Arid Lands. Sponsored by the Permaculture Institute of North America (PINA), the course will focus on design strategies for all aspects of drylands: true desert, arid to semi-arid land, cold desert, and areas which are very dry only in summer. The course is intended to assist people who:

- \* Currently live and work in dry areas (farmers, gardeners, ranchers, and builders);
- \* Consult at home or overseas in dryland strategies - landscaping for climate control, architectural design, dryland planting and water harvesting techniques;
- \* Plan towns and villages (settlement design and layout);
- \* Are involved in community development - land access strategies, nutritional gardens, home energy conservation, cooperatives and other financial strategies; and
- \* Study past and present dryland strategies in order to teach others.

Topics included in the course are as follows: Principles of natural design systems in arid lands \* Methodologies of design \* Tribal use of drylands--past and present \* Classical landscape profiles \* Strategies for water harvesting and storage \* The desert garden: nutrition, design, soils, species, and specific techniques \* The desert house: designs and integration with landscape for climate control \* Strategies for village settlements \* Animal systems in arid areas \* Rangeland management \* Revegetation and successful tree planting \* Causes and solutions of soil degradation and salting \* Useful plant species for drylands and their growing requirements \* Management and plant species for fire control \* Hedgerow and shelterbelt design \* Energy conservation \* Regional self-financing systems \* Land access and development \* Commercial and business strategies \* Permaculture design report writing.



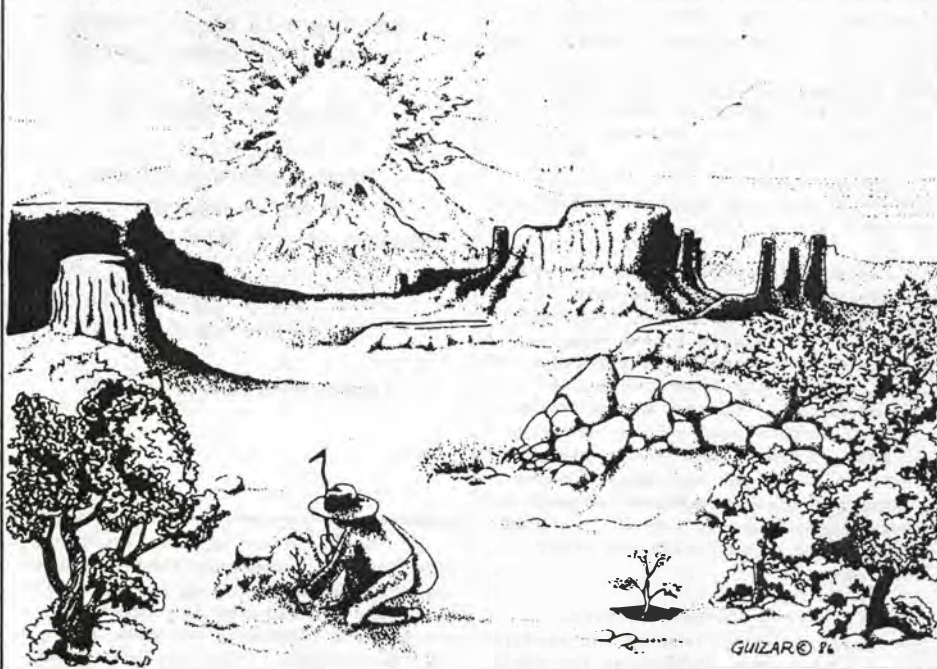
Map of natural vegetation on the Columbia-Snake River Plateau.

- ☒ Spruce-Fir Forest in the Wallawa Mountains, includes some alpine grassland
- ☒ Yellow pine and Douglas fir
- ☒ Western juniper
- ☒ Sagebrush
- ☐ Bunchgrass
- ☒ Marsh vegetation

## ARID/SEMI-ARID LANDS PERMACULTURE DESIGN COURSE

JULY 12-26, 1986

Upper Kittitas Valley  
North-central Washington



Kris Ray

There are vast expanses of arid lands throughout the western United States. Decades of mismanagement and overgrazing have increased the extent of arid areas due to the process of desertification. Increased population pressure means more people are trying to find economical ways of growing and producing food and fiber in these areas.

The course is being held at Camp Koinonia near Cle Elum, Washington. The site is located in the upper Kittitas Valley, a major valley draining the east slope of the North Cascades. To the west, within two hours driving time, is Seattle in the maritime Pacific Northwest. By going east, traveling through the rain shadow of the Cascades, one can see some of the driest landscapes in Washington, with as little as five inches average annual precipitation. There are large expanses of arid, shrub steppe on deep, light soils and lava bedrock. The terrain varies from the mountainous North Cascades to the fairly level land of the Columbia Basin. The Yakima and Columbia rivers have cut deep canyons and coulees in the lava with resultant talus and scree slopes. The lower Kittitas Valley is one of the windiest places in Washington because of the air movements forced over Snoqualmie Pass. The nearby Yakima valley is the most developed, irrigated agricultural area in the Northwestern United States.

Bill Mollison will be the primary instructor for the course. Mollison brings his experience working with aboriginal people of Australia's arid outback. To round out the course there will be presentations by other resource people including: Michael Pilarski (of Friends of the Trees; Kris Ray (range ecologist). The collective experience of the course participants will also add to the educational exchange of information. Several field trips are planned to explore the varying arid and semi-arid landscapes in central Washington and to visit noteworthy farms and places of interest.

The program is limited to 30 participants. Tuition, including all meals, lodging, curriculum materials and field trips, is \$500, or \$450 if you bring a tent to sleep in. An initial, non-refundable deposit of \$50 will reserve a position, with the balance due on June 1st. For further information about the Arid/Semi-Arid Lands Permaculture Design Course, write to: Permaculture Design Course, c/o Kris & Betty Ray, Star Rt 69, Box 59CD, Okanogan, WA 98840. Registration will be handled by PINA, 6488 Maxwellton Road, Clinton, WA 98236, tel. (206) 221-3979. <<





## Permaculture Design Course for Native American Peoples

Gus & LaNada James

SEPTEMBER 20 - OCTOBER 5. Location: Pyramid Lake Indian Reservation, Nevada. The instructor is Bill Mollison, author of Permaculture I and Permaculture II, with years of research and experience working with aboriginal cultures and Australia's native people in the arid outback. A once in a lifetime opportunity to learn skills and techniques of self-sufficiency.

Permaculture has given a common term to the work of ethics, and dreams of a wide spectrum of people from all over the world. The result is what can only be described as a movement, and is drawing an increasing amount of interest and activism. Permaculture Design Courses have been developed to help teach the principals, methodology and techniques of permaculture and appropriate technology to a wide variety of people. Permaculture is a philosophy of working with, rather than against nature.

Resource People. Tribal Survival Ecosystems will draw on special resource people including:

- \* Alvin James (Washoe/Pauite), Plant Biologist, M.S. Renewable Natural Resources;
- \* Stanley Smart (Pauite), Traditional Elder;
- \* Thomas Banyacya (Hopi), Traditional Elder;
- \* Corbin Harney (Shoshone), Traditional Elder;
- \* Mike Myers (Iriquois Confederation), International Native Consultant;
- \* LaNada Boyer James (Bannock), Native Woman Activist, Tribal and Natural Resource Political Analyst;
- \* Carol Fields, Sierra Club
- \* Guy Baldwin & Sego Jackson, Permaculture Institute of North America.

The course will emphasize design principals as applied to Indian lands and peoples. In the broadest sense, permaculture refers to land-use systems which promote stability, utilize resources in a sustainable way, preserve wildlife habitat and the genetic diversity of wild and domestic plants and animals.

Mollison has proposed that we can design ecosystems that are food and energy producing while conserving of resources and wildlife habitat, and which strive toward the diversity, stability and resilience of natural ecosystems. This can be done - and is being done - on urban, suburban, or rural properties or for entire neighborhoods or watersheds, using techniques appropriate to the type and scale of the area being considered.

The James Ranch,  
Pyramid Lake Indian Reservation.

Plants, animals and buildings are coordinated to make the best use of a site's terrain, to establish beneficial interactions and to make the most efficient use of time and resources. Elements are placed in the design to serve many functions, and each function is served in a number of ways.

Permaculture, as specifically applied to Native Americans, includes traditional techniques such as group consensus used in the Longhouse and Hopi governments; and insight into current reservation tribal and natural resource issues.

Location. Tribal Survival Ecosystems is located on the Pyramid Lake Reservation, 30 miles northeast of Reno, Nevada, on a private 196 acre ranch. High desert (Great Basin) weather is ideal for outdoor activities during the end of September. Reno can be reached by Amtrak train, major airlines, buses and Interstate 80.

Facilities and Meals. Three meals a day are provided. Indoor and outdoor sleeping space available. Bring your sleeping bags. Camp space is also available. Central kitchen and showers are on-site. The ranch is a demonstration site for Permaculture.



Activities. Field trips to petroglyphs, Pyramid Lake, water catchment demonstrations and other areas of interest. Cultural events, riverbank stabilization plantings and cookouts are also planned.

Fees. Seminar tuition will be \$500 per student. Scholarships will be provided for all Native American applicants based upon need and availability of funding. Individuals are asked to provide a "Statement of Introduction" citing group or organization (if any), tribe, background and interests, need (full or partial), and homeland environment and geographics. Early enrollment encouraged. Class limited to 30 scholarships.

Send Fees and Statement of Introduction to:

Permaculture Institute of North  
America  
c/o Tribal Survival Ecosystems  
PO Box 27  
Wadsworth NV 89442

For further information, write to the same address or call and ask for Alvin or LaNada James at (702) 575-2688. «

Petroglyphs at  
Pyramid Lake







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**ECOLOGY AS THE BASIS OF DESIGN**

**JULY 26 - AUG. 10**

**BREITENBUSH HOT SPRINGS, DETROIT, OREGON**

STUDENTS OF THE ABOVE  
AND OTHERS WORKING IN  
AN URBAN ENVIRONMENT

Guy Baldwin & Kristan Johnson

Editor's note: I communicated briefly over the telephone with Dr. Margrit Kennedy, who called from Dortmund, West Germany, to send news of current projects. From my notes of our conversation, here is a brief glimpse at the kind of work that the Kennedys are involved in.

We are pleased to have noteworthy Berlin architects Drs. Margrit & Declan Kennedy as the course instructors for a special program sponsored by PINA this summer entitled: Urban Permaculture Design Course - Ecology as the Basis of Design. The course curriculum has been developed especially for architects, planners, and others working on the greening of the urban environment.

Within this context, there have been found to be numerous design possibilities for preserving and enhancing the biological basis for life, i.e., the air, water, soil, green space and food production areas. Reduction of noise levels and traffic are also achievable goals. Of equal importance, however, is the fact that most of the ecological changes in planning and design can be implemented at reasonable cost, with a result of enormous savings of non-renewable resources over the long run.

Dr. Margrit Kennedy is a West German architect and planner responsible for ecology and energy research and its application, as well as women's projects at the International Building Exhibition to be held in Berlin in 1987. Widely published, her most recent work *Oeko-Stadt*, is a series of two books spelling out practical ways for improving and maintaining the biological basis of life in dense inner-city areas.

Dr. Declan Kennedy is a professor of architecture specializing in ecological design at the University of Berlin, and coordinates the Permaculture Institute of Europe.

Margrit and Declan are working with four other firms on a five year development project at the University of Dortmund. They will be planning and developing an integrated green belt including: commercial organic farm; permaculture demonstration; industrial park; stream habitat rehabilitation; highway de-construction. In order to devote more time to the project, Declan has taken a five year leave of absence from his position at the University (in West Berlin).

The site will be tended by 10 people living in a "zero-energy" house, producing food from its glasshouse, garden and aquaculture system designed to facilitate the cleaning up of household wastes. For the purposes of evaluation and research on permaculture, various departments of the University of Dortmund plan to be involved in the project, including: the Architectural faculty; Regional Planning; Sociology; Environmental Design; and Biology. A nonprofit association is being formed to support the project, funding from city, state and private sources. At present, the cost/benefit analysis has been completed, and financing models used for the project will be covered in this Permaculture Design Course.

The Kennedys themselves will be living in a permaculture project near Hanover, West Germany. This project will involve renovating a World War II era ammunition factory settlement built to house 700 women in 1939. The 3 hectare site has been purchased, while purchase of an additional 4 hectare industrial site is being considered. 200 people will eventually inhabit the new village, which will include a center for the surrounding rural region.

Additional resource people involved in the program include:

\* Kristan Johnson, who works in the Puget Sound region of Washington as an edible landscape and permaculture design consultant, as well as landscape installation contractor.

His specialty is the design and construction of wheelchair accessible landscapes. Kristan teaches edible landscaping at the University of Washington, Bellevue Community College, and other institutions. He is well versed in the integral approach to permaculture and landscape architecture.

\* Oriel Moore, resident of the Village Homes subdivision of Davis, California (reported on in *The Permaculture Activist*, Vol. II, No. 1). Village Homes is famous as one of the best large scale solar home developments which includes edible landscaping and natural drainage systems. Oriel has served for three years on the Agriculture Board of the Village Homeowners Association, which manages the extensive plantings of orchards, vineyards, and other edible crops. He has also completed design and installation of several school gardens.

The course will be held at Breitenbush Hot Springs and Conference Center in the Cascade Mountains of Oregon. All energy in this mountain retreat center is geothermal or hydroelectric. There are hot tubs, natural steam rooms, and other facilities that make it a fun place to be and a good place to accomplish a lot of work and learning as friends.

Tuition: \$635, including meals, lodging, curriculum materials, as well as registration fees for the Permaculture Designer's Convergence, and the Second International Permaculture Conference (see pp. 20 - 23). An initial, non-refundable deposit of \$50 is required for registration; the remainder of the course fee is due by July 10.

For more contact:

Kristan Johnson  
Urban Permaculture Course Coordinator  
6488 Maxwellton Road  
Clinton, WA 98236  
ph. (206) 221-3979





## CALENDAR OF EVENTS

(There are additional events listed on the back cover of this issue of the Activist. Please notify us of additions to the calendar - we would like to list any activities of interest to permaculture activists.)

June 6 - 8. Money for Community Land Trusts. Practical solutions to financing is the focus of this School of Living sponsored Community Land Trust conference. A variety of workshops and resources covering the why's and how-to's of Community Land Trusts, legal and tax aspects, ecological land use, etc., will be presented. This conference will be of interest to individuals or groups, in or out of community, trying to get started or expand. Costs: \$65-\$85 (sliding scale) Contact: Heathcote Center, attn: Land Trust, 21300 Heathcote Rd., Freeland, MD 21053, phone (301) 343-0280.

JUNE 20 - 22, 1986, A Peoples Conference on the Fate of our Forests: Slippery Rock University, Pennsylvania. Focusing on the regions of the Midwest, Mid-Atlantic, and North East of the United States and the contiguous, southeasterly and maritime portions of Canada. Purpose: to draw attention to forest death and decline and its consequences for people, and to devise workable strategies to reverse these trends. Contact: Elfin Permaculture, P.O. Box 202, Orange MA 01364, (617) 544-7810.

JUNE 23 - AUGUST 29. Introduction to Sustainable Agriculture Systems (Agronomy 192-01). 8 units University of California, Davis credit, approx. 30 hours/week. Location: Student Experimental Farm, UC, Davis. Two lectures, one lab, and one discussion, and 12 hours of practical field experience per week, plus numerous field trips. \$295 for registration, \$33 - lab fee. Prerequisite: introductory courses in agriculture.

AUGUST 2, 1986. Workshop on Small-Scale Seed Production. Methods of seed growing and wild plant seed foraging, including demonstrations of collecting, and both manual and mechanical seed cleaning. Led by Forest Shomer and Thom Leonard. Site: Abundant Life Seed Foundation gardens at Port Townsend, 95 miles north of Olympia, WA. Registration: Abundant Life Seed Fnd., PO Box 772, Port Townsend, WA 98368, (206) 385-5660. The workshop will be repeated August 16th.

AUGUST 18 - 21, 1986 Sixth International Scientific Conference, International Federation of Organic Agriculture Movements (IFOAM). Location: University of California, Santa Cruz. Contact: Agroecology Program, University of California, Santa Cruz CA 95064. This conference will focus on research and issues related to agroecology and the development of sustainable agricultural systems.

AUGUST 25 - 31 The Second North American Bioregional Congress.

Location: Camp Innisfree, Great Lakes Bioregion. Contact: NABC II Office, The Bioregional Project of New Life Farm, Inc., Box 3, Brixey MO 65618.

AUGUST 22 - 29, Spirit & Nature: the ninth Northwest Sufi Camp. A one-week retreat and spiritual celebration, at Breitenbush Hot Springs, Oregon. Sufi dancing, choral singing, pageantry, poetry, and more. Staff includes Permaculture practitioners David Less and Michael Howden; Dorothy McLean; Forest Shomer; and prominent West Coast Sufi teachers. Complete childrens camp. Contact: Northwest Sufi Camp, Box 95776, Seattle, WA 98145, phone: (206) 789-5172.

FALL, 1986 Tour of Australian farms and homesteads using Permaculture and Keyline Environmental Design techniques. Keyline farm planning is a system of land and water design and management that controls safely, and uses to the maximum productive benefit, all available water, and cultivates land on a basis of ever enhancing fertility and productivity. Contact: Keyline Research and Demonstration, attn: Ardapple-Kindberg, Rt. 1, Bass, Arkansas 72612.

JANUARY, 1987 Permaculture Design Course in Northern California - contact PINA for details.

JUNE, 1987 Permaculture Design Course for High Islands, Western Samoa. Contact PINA for details. «

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## ALLIED GROUPS

## Ecological Farming Conference

Editor's note: the author of this piece, Anna Peerbolt, is an independent journalist and member of the Board of Directors of the Steering Committee for Sustainable Agriculture (SCSA). Based in Davis, California, SCSA sponsors educational programs and research projects to support the organic farming industry in California and elsewhere.

Anna Peerbolt

"Our way of farming is not an alternative," said Robert Rodale, publisher of *Organic Gardening* magazine, in his keynote address to over 600 participants at the Ecological Farming Conference held at the YMCA conference center at La Honda January 31st, February 1st and 2nd.

"It is," Rodale continued, "farming that deals with reality." He pointed out that in the past 30 to 40 years, as the chemical inputs of pesticides, herbicides and fertilizers have gone into the farm, the profits have gone out.

"This is the sixth year we've put this conference on," said Dru Rivers, Executive Director of the Steering Committee for Sustainable Agriculture (SCSA). "Last year we had about 500 people. This year we could have registered 800 if we'd had the space." Many of the 200 turned away had simply arrived at the gate hoping to get in to hear the speakers and attend the workshops.

Besides giving the keynote address, Rodale joined with Marty Strange, Director of the Center for Rural Affairs, and Garth Youngberg, Executive Director of the Institute for Alternative Agriculture, in a panel discussion based on the conference's theme: Building Bridges to Healthier Farms.

"There has never been a better time to build bridges," said Youngberg. "Conventional farmers are looking for answers. The same is true of the scientist." He felt it was time for the government to offer a "predictable program" for farmers, to end tax subsidies and put restrictions on land use.

Asked what he would do if appointed Secretary of Agriculture, Marty Strange brought the house down by saying, "I'd fire everybody and resign myself."

"Agricultural policy is not made in the Agriculture Department," he went on, "We are an export-driven country and world monetary decisions dictate what agriculture will do."

During the discussion Rodale made the point that the largest obstacle to

converting from conventional methods to what he calls regenerative farming, are the high chemical inputs that "...only work full out. Farmers have no way to let up." He felt the only solution was for farmers and government to agree to cut back on production.

Later on in the program, three farmers discussed their own successful conversion from high chemical to organic farming. They all spoke of having had to innovate new methods or reconstruct old ones. Steve Moore, of Carpinteria, solved his 20-acre orchard snail problem in 30 days with 100 Peking ducks. Steve Pavich, of Delano, found that he needed to custom design various machines to work his 1,200 acres of table grapes. "Getting information is hard," he said. "Though most of the research has been done, the problem is how to implement it." He scoffed at the idea of asking the University of California to help, "because they just don't understand

what's going on." His suggestion was to read books, experiment, dig into every bit of information and ask "the few folks who have experience."

Besides listening to the well-known and successful, the conference participants packed over 24 workshops offering help in such subjects as: weed and pest management, water conservation, animal husbandry, crop diversity, seed production, and other practical subjects. In particular, workshops on the gourmet and specialty food markets, had standing-room-only crowds.

Calling it a "loaded question," Lynn Miller, editor of the *Small Farmer's Journal*, tackled the lecture topic "Criteria for Evaluating Farm Success" with a story about his own farm in Oregon where he uses draft horses instead of tractors and saves his seed to replant. He told of leaning on a fence rail and looking at his oat field, knowing he wasn't sure how he'd get his bills paid, but feeling rich. "Farming," said Miller, "must be the careful nurturing, the stewardship, the consummate love affair with our planet Earth. To view it as anything less, is to fail." <<

## 1986 ECOLOGICAL FARMING CONFERENCE PARTICIPANTS DIRECTORY

The Directory is a listing of the participants in this year's conference - approximately 600 people in all, separated into occupational categories: Farmers; Farm Suppliers and Consultants; Produce Handlers; Researchers, Extension & Students; Organization Representatives; Others. An incredible reference of names, organic farms, organizations, and addresses for the organic farming industry (primarily in California). 1986 edition: \$4.00, postpaid. 1985 edition: \$4.00, postpaid. Mail payment to: SCSA, PO Box 1394, Davis, CA 95617.

## ECOLOGICAL FARMING CONFERENCE TRANSCRIPT

SCSA has prepared a transcript of the speeches given by keynote speakers at the 1986 Ecological Farming Conference. The cost of the transcript is \$5.00, postpaid. The transcript includes:

Robert Rodale, publisher of *Organic Gardening*. Keynote Address: "Using your Internal Resources--Strategies for Farm Regeneration";  
Marty Strange, director of the Center for Rural Affairs, Walthill, Nebraska. Keynote Address: "Farmers Creating Change";  
Lynn Miller, editor, *Small Farmers Journal*. "Criteria for Evaluating Farm Success";  
Panel Discussions: "Building Bridges to Healthier Farms", with Robert Rodale, Marty Strange and Garth Youngberg; Strange, Garth Youngberg, director of the Institute for Alternative Agriculture, Greenbelt, Maryland.  
Moderator: Lynn Miller.

## ECOLOGICAL FARMING CONFERENCE TAPES

SCSA has audio cassette tapes available for several of the speeches, workshops and presentations at the 1986 Ecological Farming Conference. The tapes are not professional quality, i.e., we have not edited them, thus they often begin or end in mid-sentence and parts of the speakers talk may have been cut-off. However, we feel

that they capture the essence of the program and contain valuable information and discussion of the issues involved in sustainable and regenerative agriculture. Additional tapes not listed here are available. All tapes cost \$5.00.

Tape #1, 90 Minutes.  
PANEL DISCUSSION: "Building Bridges to Healthier Farms": Robert Rodale, Marty Strange, Garth Youngberg, moderated by Lynn Miller;  
KEYNOTE ADDRESS: "Farmers Making Change": Marty Strange.

Tape #2, 90 Minutes.  
"Criteria for Evaluating Farm Success": Lynn Miller;  
"Using Your Internal Resources--Strategies for Farm Regeneration": Robert Rodale

Tape #3, 90 Minutes.  
PEST MANAGEMENT

Deborah Letourneau, Insect Ecologist, University of California, Santa Cruz: "Vegetation Management to Attract Beneficial Insects"; Question/Answer Session with: Lou Falcon, Entomologist, University of California, Berkeley; Kate Burroughs, Entomologist and Co-owner of Harmony Farm Supply, Sebastopol, CA; Mary Louise Flint, IPM Program, University of California, Davis; John Luna, Extension Entomologist, Virginia Polytechnic Institute, Blacksburg, Virginia.

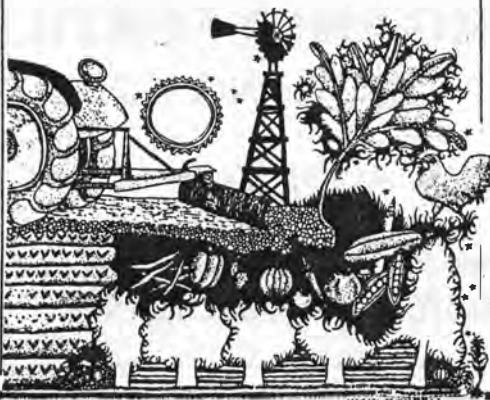
Tape #6, 90 Minutes.  
WEED MANAGEMENT ALTERNATIVES

Paul Bezzerides, farm equipment manufacturer - Bezzerides Brothers, Arosi, California: "Biological Control of Weeds"; Dr. Lloyd Andres, USDA, Albany, California: "Allelopathic Cover Crop Mulches for Weed Control"; Sheila Daar, editor of the *IPM Practitioner*, Berkeley: "Strategies on the Farm"; Ed Sills, farmer, Pleasant Grove, California.

SCSA ACTIVITIES - Kay Thornley, president, SCSA; Dru Rivers, Zee Sonnabend, SCSA officers.

Tape #7, 90 Minutes.  
KEYNOTE ADDRESS, 1984 ECOLOGICAL FARMING CONFERENCE. Wes Jackson, director, The Land Institute, Salina, Kansas. In this classic speech, Jackson describes the historical trends within academia in which microbiology and genetic engineering have gradually cornered budgetary allocations at the expense of population ecology, and "hands-on" biology. Question & Answer session follows the speech.

Mail orders to: SCSA, PO Box 1394, Davis, CA 95617. Shipping & handling charge for tapes: \$1.50 for orders less than \$15.00, \$2.00 for orders over \$15.00. SCSA members receive the excellent newsletter entitled *News Briefs*, which will keep you up-to-date on sustainable agriculture in California. SCSA membership rates: \$10/yr regular; \$25/yr business. SCSA also publishes the highly informative, information-packed *Organic Wholesale Market Report*: a weekly report with current prices on over 80 commodities of organically grown food. For sample copy & subscription info contact: SCSA-OWNIS, PO Box 2402, Davis, CA 95617.





# CLASSIFIED ADS

## Books & Publications

\*\*\*\*\*  
 FOR THE ULTIMATE in maximum land use knowledge, subscribe to BIOLOGICAL FARMING NEWS, only \$7.50 to:  
 701 Madison NE, Albuquerque NM 87110.  
 \*\*\*\*\*  
 Natural Insect Controls, over 100.  
 Safe, effective, inexpensive. 10 page pamphlet, send \$2.00 plus a S.A.S.E.: GROWING (safely) GREEN, Rt. 1, Box 121, Bardstown, KY 40004.  
 \*\*\*\*\*

TWO FOR ONE BOOK OFFER, titles include:  
The Owner Built Home, The Owner Built Homestead, Stone Masonry, Fireplaces, The Earth Sheltered Owner Built Home.  
 New titles by Ken & Barbara Kern in preparation, available in looseleaf form: The Owner Built Home Revisited (\$16 postpaid), A House of Clay (\$12 postpaid). Send for catalog: Owner Builder Publications, PO Box 817, North Fork, CA 93643.  
 \*\*\*\*\*

Back issues of the Journal of the International Permaculture Association.  
 Issues #7-#14 - \$2.50 each,  
 Issues #15-#23 - \$3.25 each.

### Tagari Publications Useful Plant Series:

<u>The Plants of Wetlands</u>	\$3.00
<u>Useful Climbing Plants</u>	3.50
<u>Useful Palms of the World</u>	2.00
<u>Useful Bamboos</u>	2.00
<u>The Onion Family</u>	1.00
<u>Important Legumes of Use</u>	4.00
<u>Useful Cactus, Agave and Aloe Species</u>	2.00
<u>The Oaks</u>	1.00
<u>Panchavati, The Sacred Grove of India</u>	1.50
<u>Arid Land Water Harvesting</u>	2.00

Above publications available postpaid from: Permaculture Communications, P.O. Box 101, Davis, CA 95617.  
 \*\*\*\*\*

## Farming & Gardening Supplies

\*\*\*\*\*  
 ORGANIC Fertilizers, natural pest controls, Disease resistant fruit cultivars, quality tools, big wheel carts. 40# soft phosphate \$12.95, Gallon liquid seaweed \$8.95, 8 ounce Thuricide \$6.95, 1# Tanglefoot \$5.95 - ALL POSTPAID. Catalog: GREEN EARTH ORGANICS, 9422 144th S.E., Puyallup, WA 98373.  
 \*\*\*\*\*

## Help Wanted

\*\*\*\*\*  
 WANTED: Permaculture oriented land steward-caretaker person for western country property one hour from county seat. Contact: Horace Gray, PO Box 188, Glenbrook NV 89413.  
 \*\*\*\*\*

## Housing & Real Estate

\*\*\*\*\*  
 ROOMS FOR RENT: at the Permaculture Institute Farmstead on Whidbey Island, in Puget Sound. \$165 - \$235/month + \$20 utilities. Beautiful farm location, large garden, near forest, beach, good neighbors. Apply: PINA, 6488 Maxwellton Rd, Clinton, WA 98236, Tel. (206) 221-3979.  
 \*\*\*\*\*

LAND-BIG ISLAND, HAWAII. Affordable, already planted with fruit trees. For descriptions: Terence Welch, PO Box 620408, Woodside, CA 94062.  
 \*\*\*\*\*

## Nursery Products

\*\*\*\*\*  
 Potted plants for edible landscaping: Rosa rugosa, hardy kiwis (Actinidea arguta), figs, mulberries, grapes, jujube, gooseberries & currants, oriental persimmons, thornless blackberries, 'Jazbo'-Autumn Olive and numerous others. Free catalog: Edible Landscaping, Michael McConkey, Rt 2, Box 343-A, Afton, VA 22920.  
 \*\*\*\*\*

## Poultry

\*\*\*\*\*  
 DUCKLINGS AND GOSLINGS - Forty colorful and useful varieties nurtured with care. Young shipped safely nationwide, mature stock at farm. Send stamp for literature. Holderread's Waterfowl Farm, P.O. Box 492, Corvallis, OR 97339.  
 \*\*\*\*\*

## Services Offered

\*\*\*\*\*  
 Artwork, Drawings - Vicki Mendell, contributing artist to The Permaculture Activist, is available for special projects on a commission basis. 222 South Branciforte, Santa Cruz CA 95062.  
 \*\*\*\*\*

PERMACULTURE DESIGN CONSULTATION: Permaculture design planning and consultation on an hourly fee basis. Referral to qualified permaculture and edible landscape designers working in many areas of North America. Guy Baldwin, Certificate of Applied Permaculture Design. Contact: Permaculture Communications, PO Box 101, Davis CA 95617, (916) 756-6070.  
 \*\*\*\*\*

\*\*\*\*\*  
 Display advertising space is available in the Activist. For rate card and other information contact: Editor, Permaculture Activist, 6488 Maxwellton Rd., Clinton WA 98236. Tel. (206) 221-3979. Our circulation is 5,000 copies.  
 \*\*\*\*\*

Classified ads in the Activist: 25 cents per word, \$5.00 minimum.  
 \*\*\*\*\*

## Permaculture Designer's Convergence

August 4th - 7th will be the second international conference for "Permaculture Designers", i.e., graduates from Permaculture Design Courses (like the courses described in this issue of The Permaculture Activist). We will be using this four-day business meeting to discuss the design work and practical techniques of permaculture being used around the world. The setting will be an intimate hot-springs health retreat in the Cascade Mountains of Oregon.

As we go to press, we have confirmations from permaculture people located in Australia, West Germany, England, New Zealand, Canada, many states of the U.S.A., and, as expected, a great number from the West Coast of North America. This should be an exciting meeting!

A good number of the participants in the "Convergence" will also attend the Second International Permaculture Conference taking place immediately afterwards on August 8 - 10, in Olympia, Washington. To some degree the convergence is a smaller "professional" type conference. Almost all of the people who attend will have taken a two or three week Permaculture Design Course. Consequently, there will be a shared language of terminology and experiences in design education, which is not to say that this is the conference where the Permaculture "experts" get together, but rather that the convergence is a more intimate, "in-house" gathering.

We all feel that the concept of permaculture is not the only the property of Permaculture Design Course graduates. As discussed in many of the articles in this issue, permaculture is an open-ended, non-specialized discipline, and we can't really pretend to have a corner on knowledge useful in developing permaculture landscapes and living environments.

We welcome all Permaculture Design Course graduates to participate in the Convergence. If you are a serious practitioner of permaculture, and very conversant on the topics and activities of the permaculture movement, and not a course graduate, but still interested in joining with us at the Convergence, please contact the event facilitator. A letter to let us know that you are interested in coming, along with a description of the work you are involved will be necessary if you'd like to attend.

contact: Guy Baldwin, POB 101, Davis, CA 95617 USA



continued from page 7

A certain amount of humility is necessary in this work. We can't really presume to understand so well how the natural world works that we can "design" everything into nice neat little productive ecosystems where everything fits together and works harmoniously. However, we can try to design our personal living environments and modify our own lifestyles such that a sustainable human culture (a permaculture) becomes possible.

A recently released book, Meeting the Expectations of the Land (available from Permaculture Resources - see page 14 - 17 of this issue) discusses many different approaches to this ideal. It is important to recognize that the expectations of the land, and the needs of all life on this planet are more important than simple gratification of human desires.

Permaculture design recognizes that humans have an important role to play in the life of our planet, yet we are just a part of this "life play" and must assume a role that allows for the continued existence and prosperity of all life forms. Design is simply a process of creating and modifying our role to suit this end.

For more information on each of the Permaculture Design Courses being held this year you can refer to the articles in this newsletter, or contact the course co-ordinator.

## Registration Form - Permaculture Design Course

(write to the addresses listed in articles to preregister for the Maryland Women's Course, the New Alchemy Institute Course, and the Native American Course)

Please register me for the following program(s), enclosed is my nonrefundable \$50 deposit:

- ☐ Third World Course (\$460) - balance due June 14.  
☐ Women's Course (\$460) - balance due July 1.  
☐ Arid/Semi Arid Lands Course (\$500) - balance due July 1.  
☐ Urban PC - Ecology as the Basis of Design (\$625) - balance due July 15.  
☐ Course with Bill Mollison (\$460) - balance due August 15.

NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_

ZIP \_\_\_\_\_

GROUP AFFILIATION \_\_\_\_\_

MAKE CHECKS PAYABLE IN US FUNDS TO : PERMACULTURE INSTITUTE OF NORTH AMERICA, 6488 MAXWELTON RD., CLINTON, WA 98236 USA

Come Prepared: Required reading includes Permaculture One and Permaculture Two by Bill Mollison (both available from PINA). A reading list of relevant and important books for each course is available on request. Bring notebooks, pens, work gloves, and appropriate camping gear. Bring resource materials and slides or photos

of any past work which you've been involved in. Come prepared for long hours in the classroom and at work. We will also have plenty of time for fun!

Location & Facilities: See the course description in this newsletter.

Course Instructors: See the course description.

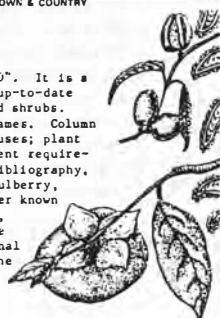
### SUBTROPICAL FRUITS - A COMPENDIUM OF NEEDS & USES

A DESIGN AID FOR PERMANENT AGRICULTURE IN TOWN & COUNTRY

Compiled and published by Max Lindegger, Permaculture Consultancy, Queensland Australia.

Subtropical Fruits is a two-color poster, 26" x 30". It is a comprehensive table providing easily accessible, up-to-date information on ninety-eight fruit trees, vines and shrubs. Species are listed by botanical name and common names. Column headings include: climatic tolerances; landscape uses; plant products; fruit characteristics; cultural/management requirements; maturity times; remarks and an extensive bibliography. Fruits listed include kiwi, fig, cherimoya, mulberry, mango, sapote plus numerous other common and lesser known species. The poster will be useful for nurseries, farmers, and home orchardists as a quick reference guide for selection of species. A great educational tool or gift for anyone interested in exploring the great variety of subtropical fruits.

COST: \$10.60 postpaid in California.  
\$10.00 postpaid to other states.  
Bulk orders of 10 or more discounted 40%.



### THE BEST OF PERMACULTURE

This book is a selection of articles, photographs, drawings and essays that have appeared in Permaculture journals and newsletters from around the world. The editors have updated information whenever possible. Articles have been selected for their contribution to and reinforcement of permaculture concepts and are inspirational as well as educational. Titles include: City Farms; Trees as Animal Feed; Control of Fungus Diseases; Forest Regeneration; Reforestation and Agroforestry in East Africa; Foodscapes, Self-reliance and the Landscape Architect; Composting Perth's Refuse; Double Mulches and Deep Litter.

COST: \$12.50 (+\$3.75 sales tax in California) + \$1.50 shipping for one or two books.

These two publications and others are available from:  
Permaculture Communications  
P.O. Box 101  
Davis, CA 95617



## Membership Benefits

- One year of our quarterly newsletter, The Permaculture Activist;
- One year of the quarterly magazine, Permaculture, the Journal of the International Permaculture Association;
- Discounts on selected PINA sponsored educational programs;
- Discounts on selected book titles from Permaculture Resources;
- One free 25-word communication in the Activist's "Bulletin Board";
- Contributors of \$100 or more receive occasional mailings of reprints, catalogs and other materials PINA's staff think are important.

## Membership Form

Overseas membership dues (outside of Canada, Mexico, Central America) are \$16/year - however, this only includes a subscription to The Permaculture Activist. Overseas members will have to subscribe to the Permaculture Journal through their office in Australia: PO Box 367, Maryborough, Victoria 3463, Australia.

**YES!** I want to become a founding member of the Permaculture Institute of North America and assist it with its goals in the development of ecologically sound and sustainable land use systems. In becoming a member, I pledge to work in some way, in my personal life, to help heal, nurture, and enjoy the world in which we share. I'll be an activist.

Enclosed is my tax-deductible membership:

- ☐ Zone One/Low Income \$16  
☐ Sustainable \$25-50  
☐ Information Craved \$100  
☐ Biological Resource \$250  
☐ Nutrient Cycling \$500  
☐ Permaculture is Forever \$1000  
☐ Founding Patron \$2000 (prior to Jan. 1, 1987)

Name (Please Print) \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Code \_\_\_\_\_ Country \_\_\_\_\_

Vocation, Area of Interest, or Organizational Affiliation and Title (if appropriate)

Make check payable to PINA in US\$ and mail to: PINA, 6488 Maxwelton Rd., Clinton, WA, 98236 USA. (206) 221-3979.

**We Need More Members!**



Please use additional paper and attachments if necessary.



## The 2nd International Permaculture Conference

August 8 - 10, Olympia, Washington, USA

with: Wes Jackson, Masanobu Fukuoka, Bill Mollison

### An Invitation to Attend the International Permaculture Conference

Sego Jackson

An ever increasing number of people are realizing that many of our resource production methods and our levels of resource consumption are not sustainable. That is, some of our current farming, gardening, forestry and other land use activities deplete our environment or harm it, rather than maintaining it in a healthy and productive state. Bill Mollison coined the word permaculture to describe the design, ethics, and lifestyle of land uses which are sustainable and beneficial to the environment as a whole. Using the term "regenerative", Robert Rodale of Rodale Press has been working with similar ideas which appear in editorials in Rodale's publications and are expanded in the Regeneration Project's superb newsletter. Robert explains that sustainability is a first step, but that it is not enough. Regenerative systems are those ways of doing things, such as gardening, farming, forestry, and community development, which can not only be maintained in their current state, but that actually improve. In essence, sustaining in maintaining, regeneration is renewal, and many of our current ways of doing things are far from either.

The purpose of the Permaculture Conference is to bring together the diversity of people, working professionally in specific fields or privately on their own land, who are guided by the goals of sustainability and regeneration, to share their ideas, skills and accomplishments, better refine their questions, and challenge each other.

We are very pleased to bring together three of the world's leaders who have stimulated so many to think differently and to pursue new ways to produce food and other resources. Japanese farmer Masanobu Fukuoka inspired the world with his book, The One Straw Revolution, in which he explains his philosophy and methods of 45 years of natural farming. His methods involve working with, rather than against nature, and the philosophy of doing no unnecessary work. Wes Jackson, director of the Land Institute in Salina, Kansas, is author of New Roots for Agriculture, in which he challenges the appropriateness and sustainability of annual grasses (grain crops) supplanting a native ecosystem predominated by perennial grasses (the native prairie). Wes suggests the research and development of perennial crops more suitable to the ecological requirements and health of the prairie landscape. Australian ecologist Bill Mollison (author of Permaculture One and Permaculture Two) has created what can only be referred to as a movement by developing the ideas and working models of consciously designed landscapes that are productive, sustainable, and ecologically sound. Bill has taught and worked in Australia, New Zealand, North America, South America, Europe, and on tropical islands. Much of Bill's work revolves around how individuals relate to and use their own and community landholdings.

These three individuals have been tremendously important in inspiring work toward a different way of interacting with land in a productive, responsible, and exciting way. It may come as a surprise to learn that, prior to this conference, they have never met each other. Though they have developed their ideas and work in different manners, all of them share a common theme: that for the health of the environment and the sustainability of our land and cultures, we must work more closely with natural processes. The

Permaculture Institute is pleased to provide this opportunity for Jackson, Mollison, and Fukuoka to meet for the first time and exchange their ideas in a public forum. Each will give a lecture to the entire conference and smaller workshops will follow. A panel will also discuss the ideas presented by the keynote speakers during a plenary session.

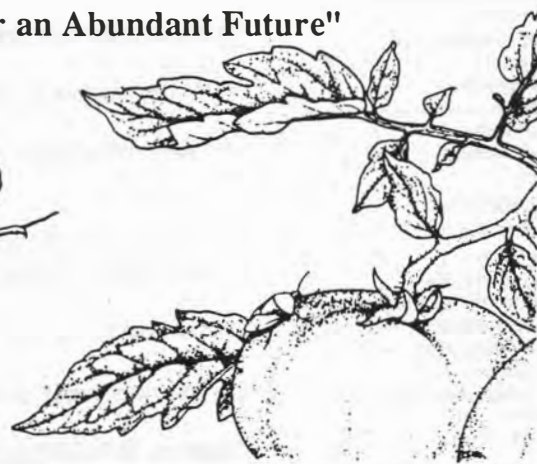
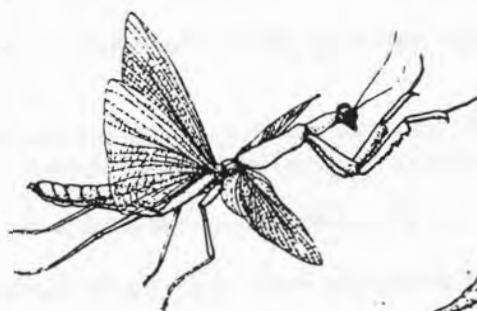
### 60 Workshops

Jackson, Mollison and Fukuoka will be joined by over 60 other resource people in presenting workshops to smaller groups. Workshops will present the application of these ideas in various professions, by individuals, and on landholdings. Immediately prior to the International Permaculture Conference is a private international conference of those who have received permaculture design training from around the world (see page 19). These people will join the Olympia conference giving presentations on their work. Immediately following the conference is the International Federation of Organic Agriculture Movement's sixth International Scientific Conference, "Global Perspectives on Agroecology and Sustainable Agricultural Systems". Some of the resource people and participants of that conference will also be making presentations at the Olympia event as well. There will be a good balance of presentations by those working overseas and by people applying the ideas in North America.

In addition to the scheduled workshops, time will be provided for special interest groups to get together (such as landscapers, foresters, planners, nursery owners, etc.) This time can be used simply to meet each other or to discuss pertinent issues of interest to that specific group.

(cont. next page)

## "Regenerative Systems for an Abundant Future"





Presentation proposals are continuing to be accepted by the workshop review committee. If you would like to be considered as a resource person at the conference, please use the form on page 21 to submit your proposal.

### Trade Show and Displays

Ongoing throughout the conference will be demonstrations, displays, and a trade show of good ideas, supplies, and useful equipment. Many good ideas are being developed and implemented by private individuals, who infrequently get the opportunity to share their ideas or present their work. The conference will provide space, at no cost, for these people to make a visual presentation in the form of a display or a poster. This service is provided for non commercial purposes only. Appropriate subjects include the visual demonstration of an idea or technique, photographs of gardens, designs, or experiments, research and experiment data, blue prints of designs, etc. We encourage everyone attending the conference who has something like this to offer to take advantage of this opportunity.

Organizations, businesses, and people who wish to sell items or services at the conference may purchase display space at a nominal cost. This aspect of the conference will be open to the general public and will thereby reach more than the 600 people involved with the conference. Further information on costs and display areas is available by writing: IPC II - Displays, PO Box 2223, Olympia, WA 98507 USA.

In addition to the above, the Conference will have information tables distributing information on organizations working on permaculture and related areas, including the conference cosponsors. Permaculture Resources, the Institute's mailorder book service will also have a large display of book titles available for purchase.

The conference begins in the early afternoon on Friday, August 8th with opening remarks and orientation to the conference. This will be followed by an afternoon workshop period, dinner, and a keynote lecture. Saturday's schedule will begin early with another keynote presentation and a day of workshops, panels, and presentations. Saturday's dinner is an all-conference banquet (included in the program fee), and is followed by entertainment, including a dance. Sunday begins with a panel and more workshops, and concludes in the late afternoon with closing remarks. Upon receiving your registration, you will be sent further program details, and will receive the full conference program packet upon your arrival at The Evergreen State College.

### Registration

Program fees, meals, and lodging are explained on the conference registration form at the right. Please use this form to send in your registration as soon as possible. We expect the conference to sell out and can only handle registrations on a first come first served basis. We hope you will join us at this exciting event, and will choose to contribute to it in whatever way you can.

## Registration Form - Second International Permaculture Conference August 8 - 10, 1986

**Preregistration for the conference is required, and early registration is encouraged. The conference is limited to 500 participants and is expected to sell out.**

**Fees:** The program fee is a self-determined sliding scale based on income. It is necessary that all who can afford to pay a higher price do so to ensure the financial success of the conference.

**Meals:** The meal option includes Friday dinner, Saturday breakfast and lunch, and Sunday breakfast and lunch. So that we can all eat one meal together, the program fee includes a banquet Saturday evening. If you do not purchase the college's conference meal plan, **you should plan on bringing your own food.** There are no food establishments near the college, but snacks and beverages will be available for purchase.

**Housing:** There is housing for only 250 participants available on campus in shared rooms. If you want one of these, you should send in an early registration. The conference has also arranged for a limited number of camping places and sleeping places in households in the Olympia community. When these are filled, late registrants will need to provide their own housing. We encourage you to make your own housing arrangements with friends if this is possible. Housing options are for the entire weekend (Friday and Saturday nights) and are not offered for one night only. If you wish to share a room or housing assignment with someone, send in your registrations together.

Car pooling information is available by sending a SASE to IPC II, POB 2223, Olympia, WA 98507 before July 15th. This will be returned to you with a list of people in your area who will be attending the conference.

Childcare may be provided at a nominal cost. Do you need this service and for what ages? \_\_\_\_\_

Program fee (self-determined sliding scale based on income) \_\_\_\_\_ @ \$65-125 per adult  
\_\_\_\_\_ @ \$15 children under 16

Shared room on campus/ meals \_\_\_\_\_ @ \$50.00 per person  
Camping place/ meals \_\_\_\_\_ @ \$36.00 per person  
Sleeping place in a community house/ meals \_\_\_\_\_ @ \$36.00 per person  
Shared room on campus only (no meals) \_\_\_\_\_ @ \$24.00 per person  
Camping place only (no meals) \_\_\_\_\_ @ \$10.00 per person  
Sleeping place in a community house only (no meals) \_\_\_\_\_ @ \$10.00 per person  
I will provide my own housing \_\_\_\_\_  
Send information on local hotels, etc. \_\_\_\_\_

	adults	children under 12	children under 6
Meals only	\$26.00	\$19.50	\$13.00

I want to join the Permaculture Institute of North America and receive 4 issues of the International Permaculture Journal and 4 issues of the Permaculture Activist \_\_\_\_\_ \$25 regular  
\_\_\_\_\_ \$16 low income

Total Enclosed: \$ \_\_\_\_\_

Your name \_\_\_\_\_

Organization or business \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_ Phone ( ) \_\_\_\_\_

Names of other registrants: \_\_\_\_\_

**Please make checks payable in US funds and mail to the Permaculture Institute of North America, 6488 Maxwellton Rd., Clinton, WA 98236 USA**



## Permaculture Programs - Summer & Fall, 1986

See Details Inside Page 13

Page 5

JUNE 14 - 27, 1986 Third World Permaculture Design Course, instructed by Ianto Evans, Director of the Aprovecho Institute, and Permaculture Institute staff. Location: PINA, Whidbey Island, Washington.

Page 2

JUNE 30 - JULY 19, 1986 Permaculture Design Course, Slippery Rock, Pennsylvania. Sponsored by the ALTER Project at Slippery Rock University. Contact: Dr. Robert A. Macoskey, Director: ALTER, Slippery Rock University, Slippery Rock PA 16057. Phone: (412) 794-7397.

Page 10

JULY 12 - 26 Arid/Semi-Arid Lands Permaculture Design Course. Course instructor: Bill Mollison, plus additional resource people. Location: Upper Kittitas Valley, North-Central Washington.

Page 6 - 8

JULY 12 - 27 Women's Permaculture Design Course, led by Australian Permaculture Instructors Lea Harrison, and Robyn Francis, assisted by North American women including: Sheri Litwin (Edible Landscape Service), Bev Reed (Weeder Geese Project), Lea Kouba (PINA), Leta MacDonald (Penn Cove Sea Farms), Susan Davidson (Fraser Common Farm), Marianne Edain (Frosty Hollow Nursery).

Page 12

JULY 26 - AUGUST 10, Ecology as the Basis of Sustainable Design, A Permaculture Design Course for architects, planners, and others working on the regreening of the urban environment. Taught by West Berlin architects Margrit and Declan Kennedy. Location: Breitenbush Hot Springs, Oregon.

JULY 28 - AUGUST 16, Permaculture Design Course. Instructor: Dan Hemenway. Contact: Shane Eversfield, PO Box 106, Paul Smiths, NY 12970.

Page 19

AUGUST 4 - 7, 2nd International Permaculture Consultants Convergence. Location: Breitenbush Hot Springs and Conference Center, Oregon. Graduates of Permaculture Design Courses and dedicated permaculture practitioners from around the world gather to discuss strategies and techniques, continuing educational programs, and design projects. Details inside.

Page 20 - 23

AUGUST 8 - 10, International Permaculture Conference - a calling together of permaculture designers, farmers, foresters, appropriate technology researchers, consultants and other people working toward the sustainable use of land, to present and share experiences and information. Keynote speakers include: Bill Mollison, Masanobu Fukuoka (author of One Straw Revolution), Wes Jackson (author of New Roots for Agriculture). A trade show for appropriate technology and sustainable agriculture will be held at the same time. Location: The Evergreen State College, Olympia, Washington. Details inside. Registration and information contact: PINA, 6488 Maxwellton Rd, Clinton WA 98236, (206) 221-3979.

Page 9

AUGUST 30 - SEPT 14, Bill Mollison instructs a Permaculture Design Course at the Permaculture Institute, Whidbey Island, Washington. Contact: PINA. Details inside.

SEPTEMBER 6 - 21, Permaculture Design Course for Women, led by Australian Permaculture Instructors Lea Harrison, and Robyn Francis, assisted by other resource women. Contact: Cynthia Edwards, Heathcote Center, 21300 Heathcote Road, Freeland, MD, 21053, (301) 343-0280. Details inside.

Page 11

SEPTEMBER 20 - OCTOBER 5, Native American Permaculture Design Course, taught by Bill Mollison and other resource people. This course emphasizes permaculture design in the context of Native Americans. Scholarships available. Sponsored by Tribal Survival Ecosystems. Location: Pyramid Lake Reservation. Contact: Gus & LaNada James, Tribal Survival Ecosystems, PO Box 27, Wadsworth NV 89447

Page 4

SEPTEMBER 29 - OCTOBER 17, Permaculture Design Course, location: New Alchemy Institute. This course is designed for individuals who will promote permaculture concepts through their work as agricultural researchers, teachers, trainee designers, farmers, etc. Details inside.

NOVEMBER 3 - 22, Permaculture Design Course. Instructor: Dan Hemenway. Contact: Sister Meriam, Genesis Farm, Box 622, Blairstown, NJ 07852.

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- \* A subscription to our quarterly newsletter - *The Permaculture Activist*
- \* A subscription to the quarterly *Permaculture Journal*
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