Workshop sponsored by the:

Hawaii Department of Transportation,
City & County of Honolulu and the
Hawaii Local Technical Assistance Program
in cooperation with the
University of Hawaii’s Department of Civil &
Environmental Engineering
and the Federal Highway Administration

Registration Procedure
1. Please contact Gail Yamamoto at 808-956-8367 or gyamamo@hawaii.edu by
   Monday, September 12, 2011.
2. Attendance is limited, and preference is given
to local government employees.
3. Private company registration fee is $55 per
   person.

Parking
Parking is available anywhere in Ala Moana Beach
Park.

Payment
Payment can be made via Check – payable to the
Research Corporation of the University of Hawaii
(RCUH), Purchase Order, Credit Card (Visa & Mas-
terCard) or Purchasing Card. Please mail payments
to:

   Hawaii LTAP
   University of Hawaii at Manoa
   Dept. of Civil & Environmental Engineering
   2540 Dole Street, Holmes Hall 383
   Honolulu, HI 96822

Cancellations
Please contact us if you are unable to attend or if
someone will be substituting for you. Refunds will
be made if notice of cancellation is received at
least 3 working days prior to the workshop date
and the parking passes are returned prior to the
workshop date. Frequent no shows will result in
your receiving lower priority in future enrollments.

Lunch will be provided.

Registration begins at 7:30 a.m.

Electrical Hazard
Awareness
Training Program

McCoy Pavilion
Auditorium
1201 Ala Moana Boulevard
Honolulu, HI 96814

Wednesday,
September 28, 2011
8:00 a.m.—4:30 p.m.
Course Description:

Electrocutions are the leading cause of deaths of tree workers. Training tree workers in identification of electrical hazards and work practices makes good common sense, but is also the law. OSHA 29 CFR, parts 1910.269, 1910.268, 1910.333 and the American National Standards Institute (ANSI) Z133.1 requires that all tree workers, including residential/commercial and municipal staff, receive documented training if their person, equipment or the tree being worked may approach within 10 feet of energized electric lines or equipment. This minimum distance is larger for voltages greater than 50kV.

This EHAP program is the technical, electrical knowledge component required for workers to procure general knowledge and understanding. This program alone does not qualify a worker as a Qualified Line-clearance Arborist (QLCA). In order to become a QLCA, other than acquiring the knowledge within this program, workers must be certified by their current employer that they have demonstrated an acceptable level of knowledge and skills. Regular, documented work monitoring and refresher training is required to maintain safe work conditions and certification as a QLCA.

Course Objective:

The objective of this program is to increase the awareness and knowledge of attendees about the potential hazards of electrical contacts, and to understand what training, knowledge and skill is required to ensure the safety of all workers and the public when working near potentially energized electrical conductors.

Program modules include the following:
- Laws, Regulations and Standards
- Key Definitions
- Training Requirements
- Personal Protective Equipment (PPE)
- Electric Utility Systems
- Electrical Hardware Identification
- Recognizing Electrical Hazards
- Working Near Power Lines and Energized Equipment
- Aerial Rescue techniques

Target Audience:

It is strongly recommended that all arborists, supervisors, planners and tree workers, regardless of whether they are expected to conduct work near electric lines, receive EHAP training to enable them to recognize and avoid potential electrical hazards throughout all phases of the planning and execution of a project.

Instructor:

Kevin K. Eckert
Kevin K. Eckert is President and Principal Consultant of Arbor Global USA and Arbor Global Hong Kong Ltd. AG provides arboriculture and vegetation management consulting, education, training and tree management services to government agencies, environmental organizations, electric utilities, municipalities and private clients throughout the United States, China, Costa Rica, Asia and around the Pacific Rim.

Kevin is an ISA Board Certified Master Arborist (WE-1785 BU) and has been a practicing, climbing arborist for over 30 years. He is recognized as an international authority on arboricultural standards and practices providing expert testimony to legislative subcommittees, regulatory agencies, attorneys, and the courts. Kevin is a lecturer at the University of Hawaii and has designed and conducted research projects on many tree and vegetation management issues.

Kevin is former Chairman of the Hawaii State Urban and Community Forestry Program, President of Smart Trees Pacific, Arborist Certification Liaison to the International Society of Arboriculture (ISA), and past President of the ISA Utility Arborist Association.

Kevin has received numerous awards from professional, government and private organizations for his extensive education work and leadership in arboriculture.