

KEITH L. KLINE

Oak Ridge National Laboratory
Bethel Valley Road
Oak Ridge, TN 37831

klinekl@ornl.gov
kkline@yahoo.com
(865) 574-4230

Summary of Qualifications

Twenty years of experience in design, execution and evaluation of domestic and international energy and environmental programs. Multilingual professional achieved exemplary results while leading project teams in challenging, multi-cultural settings.

Work History and Accomplishments

2006 - present**Oak Ridge National Laboratory, Oak Ridge, Tennessee; Research Staff**

- Lead study of global potential to produce feedstock for biofuel exports, 2012-2027.
- Research woody plant potential to support a biofuel industry in the Southeast U.S.
- Assist USAID with environmental program design, monitoring, evaluation and results-based reporting.

2004 to 2006**U. S. Agency for International Development (USAID)/Southern Africa, Team Leader for Regional Environmental Programs**

- Led successful start-up of a new program on integrated river basin management.
- Developed constructive working relationships with key government officials in multiple countries and facilitated negotiations toward shared river basin management goals.
- Recruited, mentored and trained local staff to continue work.

1990 to 2004**Oak Ridge National Laboratory, Oak Ridge, Tennessee:****CHP-FEMP Team Coordinator, Engineering Science and Technology Division**

- Coordinated accelerated development and deployment of clean, distributed generation systems—combined heat and power (CHP)—as a national initiative for federal facilities based on public-private partnerships.
- Guided FEMP activities to reduce costs of government through innovative financing, property management and application of proven but underutilized technologies.

Team Leader, Environmental Strategic Objective, Guatemala (1990-2000)

- Supervised and managed the \$6 million/year (average annual USAID contribution) environmental program portfolio, including the Maya Biosphere Project. Annual program performance reviews resulted in highest possible rating, “exceeding expectations.”
- Led evaluation and design teams that integrated new approaches for civil society participation in policy issues including those related to protected areas, forestry, community roles and land use planning, while applying verifiable performance metrics.
- Coordinated a diverse team to assure successful execution of a program involving \$60 million in total funding, twelve partner organizations and 400 field personnel.
- Conceptualized and drafted major elements of USAID/Guatemala's Natural Resource Management Strategy, including policy agendas, evaluation plans and new projects.
- Provided direction and oversight for monitoring and reporting activities, the development of customer service plans, results-based indicators, internal assessments, external evaluations and audits.
- Managed multiple, multi-million-dollar agreements with private contractors and non-profit partners (TNC, CI, CARE, Peregrine Fund, Rodale and others).
- Led scoping processes and supervised implementation of various Environmental Assessments, Programmatic and Site Specific, involving forestry, sustainable agricultural technologies, tourism, land titling and park management.

1984 to 1990

Independent Contractor supporting U.S. Agency for International Development programs in Central America and Peru:

Regional Environmental and Natural Resource Management (RENARM)

- Mobilized and directed the start-up of a seven-country, \$60 million project that Ambassador Jack Hood Vaughn called, "the most ambitious and complex natural resource management effort attempted in Central America." (1989)
- Created effective partnerships between international assistance agencies and private voluntary organizations (PVOs) by developing concepts and procedures to effectively address environmental concerns and leveraged over \$5 million in matching grants.

Central American Research Institute for Industry and Technology

- Advisor to the Director: Evaluated two regional projects promoting renewable energy technologies and energy conservation in industry. Assessed institutional capacity and impacts after nine years of USAID assistance and provided recommendations for sustaining program benefits.
- Edited 25 technical publications (30-150 pages each; most in Spanish) related to renewable energy resources and conservation issues. Evaluated two regional projects promoting renewable energy technologies and energy conservation in industry.

Disaster Rehabilitation and Reconstruction Project, USAID Lima, Peru

- Managed and monitored national disaster reconstruction activities involving a USAID staff of 33, for this \$60 million project to rebuild after El Nino. Developed standards for project selection, monitoring and performance reports. Resolved audit issues and documented achievements.
- Developed procedures for improved planning and implementation by decentralized public agencies, achieving a dramatic 300% increase in the implementation capacity of fifteen participating regional development institutions.

1980-1984

Peace Corps, Ecuador (completed two years and granted two extensions)

- Planned and completed 60 small projects involving renewable energy, sustainable agriculture, water, forestry and sanitation including earthquake-resistant housing design, windmills, methane gas digesters, solar water heating, fuel-efficient cook stoves and institutional development in collaboration with USAID/Quito.
- Assessed the feasibility of 150 small projects to help beneficiaries identify and implement most appropriate solutions. Designed and conducted technology-transfer events for trainers and community groups, applying non-formal education concepts.

Education and Training

M.Ed., International Education Program (environmental emphasis), 2000. Framingham State College, Framingham, Mass.

B.Sc., School of Natural Resources, 1979, University of Michigan, conferred with distinction.

Languages, Awards, Other

- Languages: native English, fluent Spanish, some Portuguese, Setswana and French
- Certified "Cognizant Technical Officer" (CTO) for USAID (updated 2005 for both grants and contracts)
- Security and medical clearances for world-wide assignment (2005/06)
- ORNL Engineering Science and Technology Division "Exceptional Effort Award," 2003
- USAID Meritorious Honor Award, 1998
- USAID Certificate of Commendation for Outstanding Performance, 1986.
- Kalamazoo Science Foundation Scholar, 1976-78 and University of Michigan Honors 1977-79
- BSA Assistant Scout Master, outings leader, merit badge counselor (2001-present)
- Hiker, biker, photographer

References and publication list available upon request.