

**KEITH L. KLINE**

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**Summary of Qualifications**

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Twenty years of experience in design, management and evaluation of energy, environmental, and development programs in Latin America, Africa and the U.S.

**Work History and Accomplishments**

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- 2006 - present**     **Oak Ridge National Laboratory, Oak Ridge, Tennessee; Environmental Sciences Division Research Staff**
- Research potential and limitations for sustainable biofuel feedstock production.
  - Investigate international land use change dynamics: empirical data versus models.
  - Research role of commercial forestry for a biofuel industry in the Southeast U.S.
  - Assist the U.S. Agency for International Development 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 for 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 Coordinator - FEMP Team, Engineering Science and Technology Division**
- Coordinated the accelerated development and deployment of clean, distributed energy generation systems—combined heat and power (CHP)—as a national initiative for federal facilities under the Federal Energy Management Program (FEMP).
  - Guided FEMP activities to reduce costs of government through innovative financing, property management, public-private partnerships 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 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**

- 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**

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

B.S., School of Natural Resources (Energy & Environment), University of Michigan, 1979.

**Languages, Awards, Other**

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- Languages: native English, fluent Spanish, some Portuguese, Setswana and French
- Certified "Cognizant Technical Officer" (CTO) for USAID (updated 2005 for grants and contracts)
- Security and medical clearances for world-wide foreign service assignments (2004-06)
- 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
- Enjoy hiking, biking photography

References and publications available upon request.