

Linda L. Gaines

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Professional Experience

- Lead analyst for U.S. Department of Energy's heavy vehicle idling studies.
- Study costs and impacts on energy use and environment of production and recycling of advanced-design automobiles, trucks, trains, and batteries.
- Primary interest is problem solving, which has been applied to efficient use of resources.
- Since joining Argonne in 1976, have written handbooks of energy and material flows in petroleum refining, organic chemicals, and copper industries that provided background for reports and papers on technical and institutional issues involved in recycling discarded tires, packaging, and other energy-intensive materials.
- Examined potential growth of electricity demand by industry and performed technical and economic analysis of alternative energy supply technologies, including hydrogen and biomass-derived fuels.

Publications

[Recent Publications](#)

Education

PhD, 1977, Physics, Columbia University
BA, 1969, cum laude, Chemistry and Physics, Radcliffe College

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