

Bibliography on Biomass Feedstock Research: 1978-2002

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Environmental Sciences Division



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Environmental Sciences Division

BIBLIOGRAPHY ON BIOMASS FEEDSTOCK RESEARCH: 1978-2002

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ABSTRACT

This report provides bibliographic citations for more than 1400 reports on biomass feedstock development published by Oak Ridge National Laboratory and its collaborators from 1978 through 2002. Oak Ridge National Laboratory is engaged in analysis of biomass resource supplies, research on the sustainability of feedstock resources, and research on feedstock engineering and infrastructure. From 1978 until 2002, Oak Ridge National Laboratory also provided technical leadership for the U.S. Department of Energy's Bioenergy Feedstock Development Program (BFDP), which supported research to identify and develop promising energy crops. This bibliography lists reports published by Oak Ridge National Laboratory and by its collaborators in the BFDP, including graduate student theses and dissertations.

INTRODUCTION

This report provides bibliographic citations for more than 1400 reports on biomass feedstock development published by Oak Ridge National Laboratory and its collaborators from 1978 through 2002. Oak Ridge National Laboratory supports the U.S. Department of Energy's Biomass Program by developing information, tools, and technology to support the production of sustainable and economically viable biomass resources. Current efforts address integrated economic and resource analysis, research on the sustainability of feedstock resources, and research on feedstock engineering and infrastructure. From 1978 until 2002, Oak Ridge National Laboratory also provided technical leadership for the U.S. Department of Energy's Bioenergy Feedstock Development Program (BFDP). This program supported research on woody and herbaceous energy crops, including species screening studies; crop management and environmental research; crop development for selected model species; integrated resource and economic analysis; and, scale-up, feasibility, and demonstration projects.

This document covers all research supported by the BFDP. It includes journal articles, proceedings papers, books or book chapters, and other publications. Citations are listed alphabetically by author and date, and are numbered for use with keyword and author indexes. Graduate student theses and dissertations resulting from BFDP-sponsored research are included in a separate listing.

More than 40 universities, U.S. Department of Agriculture research units, and industries participated in the BFDP. The citations in the bibliography were compiled from the progress reports of individual research projects. Many of the projects also received significant support from other public and private sources. In cost-shared projects it can be difficult to determine sponsorship for any individual component. The compilers of this bibliography acknowledge that much of the work would not have been possible without the support of other organizations, and apologize for any citations included inappropriately.

Most of the journal articles, books, and conference proceedings are available through libraries or the publishers listed in the citations. Reports published by Oak Ridge National Laboratory are available through the National Technical Information Service. Reports produced after January 1, 1996, are generally available free via the U.S. Department of Energy Information Bridge website <http://www.osti.gov/bridge>. Reports produced before January 1, 1996, may be purchased from the National Technical Information Service at the address shown on the inside cover of this report.

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