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CPBIS Resource: Projects and Final Reports

Available via prominent links on the home page of the CPBIS Web site (<http://www.cpbis.gatech.edu/>) are collections of “Working Papers” and “Final Reports.” The latter collects the results of projects that have been undertaken by CPBIS researchers. In some cases, these are full project reports, while others are brief summaries. In cases where only summaries are provided, more complete reports can be obtained by contacting the authors.

Following is an indexed list of the reports. The numbers following each entry are abbreviated forms of the number that identifies the report on the Web page. For example, 05-04 refers to the report identified on the Web page as 2005-04. Some of the titles have been paraphrased and/or abbreviated in the index. (An index of the “Working Papers” collection was provided in the July, 2010 newsletter issue.)

- Bankruptcy prediction:** Predicting Bankruptcy, 10-02
- Biotechnology:** The Value of Forest Biotechnology: A Cost Modeling Study, 05-05
- Black Liquor:** Black Liquor Gasification: Community Resources and Strategic Research Design, 05-02
- Box Plants:** Profiling Best Practices: An Explanatory Analysis of Boxplant Trucking Logistics in the Paper Industry, 04-02; Profiling Best Practices: Analysis of Box-Plant Trucking-Logistics, 05-04
- Carbon footprints:** Carbon Footprints for Fiber and Energy Inputs, 10-01
- China:** China's Pulp and Paper Industry: A Review, 08-03
- Containerboard:** Configuration of Globally Efficient Supply Chains in the Containerboard Sector, 05-03
- Cost Modeling:** Integrated Environmental and Economic Performance Assessments in Paper Manufacturing, 05-01; The Value of Forest Biotechnology: A Cost Modeling Study, 05-05

- Environmental Modeling:** Integrated Environmental and Economic Performance Assessments in Paper Manufacturing, 05-01
- Futures Markets:** Price Volatility, Inventory, and Industry Consolidation, 08-02
- Gasification:** Black Liquor Gasification: Community Resources and Strategic Research Design, 05-02
- History:** Policy, Organization, and Innovation: Historical Perspectives on Contemporary Problems, 04-05
- Human Resource Management:** Workplace Transformation and Human Resource Management Practices in the Pulp and Paper Industry, 04-03
- Innovation:** Innovation in the Pulp and Paper Manufacturing Industry, 05-06; Policy, Organization, and Innovation: Historical Perspectives on Contemporary Problems, 04-05; The Role and Value of Innovation in the Pulp and Paper Industry, 07-01
- Inventory and Prices:** Price Volatility, Inventory, and Industry Consolidation, 08-02
- Linerboard:** The Value of Forest Biotechnology: A Cost Modeling Study, 05-05
- Logistics:** Profiling Best Practices: An Explanatory Analysis of Box Plant Trucking Logistics in the Paper Industry, 04-02; Profiling Best Practices: Analysis of Box Plant Trucking-Logistics, 05-04
- Market Pulp Quality:** Impact of market pulp quality on paper mill profitability, 04-04
- Newsprint:** Integrated Environmental and Economic Performance Assessments in Paper Manufacturing, 05-01
- Organization:** Policy, Organization, and Innovation: Historical Perspectives on Contemporary Problems, 04-05
- Performance:** Integrated Environmental and Economic Performance Assessments in Paper Manufacturing, 05-01
- Policy:** Policy, Organization, and Innovation: Historical Perspectives on Contemporary Problems,

04-05; Potential Impacts of Energy and Climate Policies, 08-01

Prices and Price Forecasting: Price Volatility, Inventory, and Industry Consolidation, 08-02; Pulp and Paper Price Behavior, Forecasting and Elasticities, 04-06

Printing industry trends: Identification of Future Printing Industry Trends, 09-01

Supply Chains: A Study of the Maintenance, Repair and Operating Supply Chain for Paper Mills, 04-01; Configuration of Globally Efficient Supply Chains in the Containerboard Sector, 05-03

Sustainability: Integrated Environmental and Economic Performance Assessments in Paper Manufacturing, 05-01; Sustainability in Georgia's Pulp and Paper Sector, 09-02

Workplace Transformation: Workplace Transformation and Human Resource Management Practices in the Pulp and Paper Industry, 04-03

Recent Forestweb Headlines

Forestweb publishes a weekly news report tracking recent developments in and around the paper and forest products industries. Subscription information is at <http://www.forestweb.com/Corporate/index.cfm>

Below is a small sampling of headlines from recent issues, together with brief synopses.

October 11

AF&PA: U.S. paper and paperboard output up 1.6% in August from July; operating rate up 1 percentage point to 93%

In August 2009 the operating rate stood at 86%.

Genetically engineered trees, plants could sequester several billion tons of carbon each year to help fight global warming, study shows

A study by researchers at Lawrence Berkeley National Laboratory and Oak Ridge National Laboratory outlines a variety of strategies for augmenting the processes that plants use to sequester carbon dioxide.

October 4

Freshwater Tissue to permanently shut pulp mill in Samoa, California; company says it failed to find investors

The mill was built in 1964 by Georgia-Pacific Corp., then purchased by Louisiana-Pacific Corp. It converted to a chlorine-free operation in the 1990s. Lee and Man Paper Manufacturing Ltd. bought the mill in 2005; its subsidiary, Evergreen, shut it down as the pulp market declined. Freshwater bought the mill from Evergreen Pulp Inc. in February 2009.

Greenpeace's July 2010 report on Sinar Mas focused on forestry practices of Jakarta-based APP 'highly misleading and simply not defensible,' says CEO of Melbourne-based auditor ITS Global

Greenpeace was caught using false and misleading information to attack the credibility of a company to advance its agenda, according to an independent peer reviewed audit released today by ITS Global.

September 27

Internet, mobile computing technologies to have strongest influence on global pulp and paper industry in next decade, will have pervasive effect on demand, especially printing and writing paper, bleached kraft pulp: Pira International

A new Pira report predicts that the Internet will have a pervasive effect on demand, especially for printing and writing paper, and the bleached kraft pulp used in its manufacture. The report also highlights a number of opportunities for the industry including airlaid papermaking, cellulosic bioenergy, innovative packaging and web formed composites.

Statistics Corner: Projected 2018 Mill Employment

The Bureau of Labor Statistics predicts that U.S. pulp and paper mill employment in 2018 will be substantially less than it was in 2008. Figure 1 below shows the projected 2018 employment as a percentage of 2008 employment, by job category..

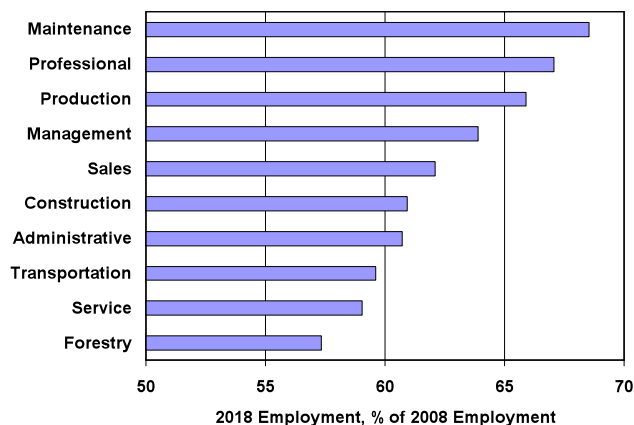


Figure 1. Projected 2018 pulp, paper and board mill employment as percent of 2001 employment.

As the graph shows, maintenance and professional positions are expected to hold up better than those in the transportation, services and forestry categories. ■