



“Gh. Asachi” Technical University of Iasi, Romania

ON ENVIRONMENTAL EFFECTS OF THE PULP AND PAPER MILLS

Dan Gavrilescu

*“Gh. Asachi” Technical University of Iasi, Department of Pulp, Paper and Fibers,
71A Mangeron Street, 700050 Iasi, Romania, e-mail: gda@ch.tuiasi.ro*

Abstract

The pulp and paper mills represent a major source of polluting materials, which are very different regarding their characteristics and quantities. The significant environmental impacts of the manufacture of pulp and paper result from the pulping and bleaching processes. In these processes, some pollutants are emitted to the air, others are discharged as wastewaters, and solid wastes are generated as well. The paper aims to present the environmental effects of the pulp and paper manufacturing and the most important production and control practices to minimize this impact.

Keywords: pulp, paper, environment, air emissions, liquid discharges, solid wastes
