

1. Record Nr.	UNINA9910299437003321
Autore	Bajpai P (Pratima)
Titolo	Management of Pulp and Paper Mill Waste / / by Pratima Bajpai
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-11788-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (208 p.)
Disciplina	363.737 577.27 676/.120286
Soggetti	Climatic changes Pollution prevention Climate Change Industrial Pollution Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1. General Introduction -- 2. Generation of Waste in Pulp and Paper Mills -- 3. Composition of Waste -- 4. Sludge Dewatering -- 5. New Technologies for energy recovery from waste -- 6. Options for Utilization of Waste -- 7. Examples of Pulp and Paper Mill Waste Implementation -- 8. Future Prospects.
Sommario/riassunto	Pulp and paper mill industries are always associated with the disposal problem of highly contaminated sludge or bio-solids. The development of innovative systems to maximize recovery of useful materials and/or energy in a sustainable way has become necessary. The management of wastes, in particular of industrial waste, in an economically and environmentally acceptable manner is one of the most critical issues facing modern industry, mainly due to the increased difficulties in properly locating disposal works and complying with even more stringent environmental quality requirements imposed by legislation. This book presents a general Introduction on waste management in the pulp and paper industry and contains topics on the generation of waste in pulp and paper mills, waste composition, methods of sludge pre-

treatment, processes and technologies for conversion of pulp and paper mill waste into valuable products, waste reduction techniques employed in the pulp and paper Industry worldwide and future trends.

---