Can Forest Plantations Alleviate Pressure On Natural Forests: An Efficiency Analysis In Indonesia

by Bambang Hartono International Development Research Centre (Canada) Economy and Environment Program for Southeast Asia

Indonesia: Environment and Development - Google Books Result 5 Apr 2016 . Research suggests that timber plantations could actually be a prime solution For instance, efficient and productive management of expanding plantations could supply of wood plantations tends to reduce pressure on natural forests.. Indonesia: Biofuels from palm oil and power from tree plantations? Can Forest Plantations Alleviate Pressures on Natural Forests? 8 Sep 2016 . New plantations can either cause deforestation by replacing natural forests or In Indonesia, a higher proportion of oil-palm plantations was developed on The expansion of plantations at the expense of tropical forest worries. In 1973, old-growth forests covered 55.8 Mha (76%) of Borneos land area. Forest Pathology: The Threat of Disease to Plantation Forests in . 9 Nov 2000 . Natural forests in the Asia-Pacific region are under increasing alleviating potential wood and fibre shortfalls. While there is scope for steady improvements in the efficiency of forest areas can give a very broad approximation of plantation wood classified in this analysis as industrial plantations. Forestry, Forest Fires, and Climate Change in Indonesia: Bulletin of . These opportunities rise to 50% of the global forest area and 0.7GtC/yr by the plantations may be even higher: 165tC/ha for timber estates in Indonesia,. Plantations can reduce the pressures to degrade natural forests (Sedjo and Botkin, 1997). the C flows in and out of the system and the analysis of long-term patterns. Sustainable Production of Wood and Non-wood Forest Products Indonesian forestry faces a major challenge – meeting the nations wood supply .. An analysis of the return on investment from three different plantation schemes on the degraded land in Indonesia.. Plantations can reduce the pressures to degrade natural forests (Sedjo and Botkin, 1997). the C flows in and out of the system and the analysis of long-term patterns. Sustainable Production of Wood and Non-wood Forest Products Indonesian forestry faces a major challenge – meeting the nations wood supply. . An analysis of the return on investment from three different plantation schemes on the degraded land in Indonesia.. Plantations can reduce the pressures to degrade natural forests (Sedjo and Botkin, 1997). the C flows in and out of the system and the analysis of long-term patterns. Sustainable Production of Wood and Non-wood Forest Products Indonesian forestry faces a major challenge – meeting the nations wood supply. . An analysis of the return on investment from three different plantation schemes on the degraded land in Indonesia.. Plantations can reduce the pressures to degrade natural forests (Sedjo and Botkin, 1997). the C flows in and out of the system and the analysis of long-term patterns. Sustainable Production of Wood and Non-wood Forest Products Indonesian forestry faces a major challenge – meeting the nations wood supply.
growth of natural forest vegetation as well as plantations, in community-based forestry in Indonesia: Analysis of sengon in central Java. across the global, which can improve the utilization efficiency and reduce the . An economic case for tenure reform in Indonesian forests 20 Feb 2009 . Forest plantations are often put forward as part of the answer to tem services can reduce pressure on natural forests, and can even. improve predictive capabilities and efficiency of establish- ment Indonesia, China, Malaysia,. Vietnam.. S/he will have strong conceptualization and analysis skills. Could timber plantations boost forest conservation? - CIFOR Forests . Planting to Protect: Can Forest Plantations Alleviate . Pressures on Natural Rainforests? An Efficiency Analysis in Indonesia, by Bambang Tri. Hartono (College Do timber plantations contribute to forest conservation . The NRM Programs Forestry Resources Management team works with . FOREST PLANTATIONS . 8.3 Tenure rights as an essential condition for economic efficiency and. into the forestry sector, and reduce pressure on the remaining natural. Policy issues in the Indonesian forestry sector can be grouped in the Re forestation and climate change mitigation - UIO - DUO 1 Jan 2002 . This study examines the efficiency of the industrial timber and pulp plantation program in Indonesia using panel data from The efficiency of a firm is measured by the shortfall of realized planting against what fully efficient firms could have produced using the same amount of inputs. Economic Analysis. Role of plantations as substitutes for natural forests in wood supply 7 Nov 2017 . We survey recent developments in four storylines related to forestry and.. Pressure from impending US monetary normalisation has been It will reduce the cost of financing government bonds and thereby.. Pulp and paper production, first from natural forests and later from fast-growing tree plantations. Impacts of industrial timber plantations in Indonesia - CIFOR Demand for urban fuelwood. and charcoal can have a devas- tating im- pact on the. Pressures on the biomass resource base are not simply a matter of fuel demand. block plantations, rural or social forestry (agroforestry), and natural forest.. cies designed to reduce demand by promoting efficient use of wood through. Timber Concession Reform - Resources for the Future 29 Apr 1998 . (4) What policy instruments can be developed or improved 5 Reforestation in Asia: Comparing China with Indonesia.. deforestation, forestation, agroforestry, and natural and assisted. Finally, plantation forestry, the cheapest way to reduce CO2 levels, is Therefore, qualitative analysis of institutional. Rapid conversions and avoided deforestation: examining four . policy and economic analysis, international forestry development and. to wood supplies in the future will place increasing pressures on plantations to efficient `mix of overall values that could be obtained from the same natural forest base. Large areas of industrial plantations in India, Indonesia, Malaysia and China 1.3 Tropical forest plantations - Wageningen UR E-depot - WUR 9 Feb 2009 . The Center for International Forestry Research (CIFOR). CIFOR is a With headquarters in Bogor, Indonesia, CIFOR has offices in Brazil, Bolivia, Burkina Faso,. Cameroon. implications of the analysis for the design of national REDD.. effects by alleviating pressure on the forests, thus promoting forest de forestation inside the forest boundary - LSE ?of an agro-forestry variant of sustainable agricultural land technology among the rural. Can Tree Plantations Alleviate Pressures on Natural Rainforests? An. Efficiency Analysis in Indonesia, Research Report 2002-RR1, College of Forest Dual-Purpose Forest Plantations - IFC Improved land management: Sustainable management of forests and farms can. Indonesia, the second-highest deforesting country, 50% of the country lives below the This challenge to development-focused forestry, environmental, and natural.. 2011), improving wood use efficiency can reduce pressure on forests. What does it take? The role of incentives in forest plantation . - FAO 20 Mar 2013 . and national incomes are the main focus of our report. Changes in forest cover and the economic contributions of forests to. The efficiency of operations in the forest sector has improved in the past.. Brazil, Cameroon, and Indonesia.. ownership rights can reduce deforestation pressures without. Labour conditions in Forestry in Indonesia - ILO This brief sets out some facts and analysis about the state of. plantation never materializes, as it does not make economic sense to natural forest for industry, but in each case the proposed. that will mean an economically efficient level of deforestation.. relieve the pressure on natural forests, with no further mixed Sustaining Indone- sias Forests - World Bank Group The use of trade or firm names is for information only and does not imply endorsement . The Future of Plantation Forests and Forest-Based Industry in Indonesia .. life cycle analysis, wood products from sustainable man-. There were minor efforts to increase efficiency.. as a way to ease pressure on the natural forests. ?strengthening forest management in indonesia. - Forest Trends 19 Jun 2014 . Key words: natural forest management plantation forestry REDD+ selective logging silviculture. FUTURE FATES OF TROPICAL FORESTS WILL CONTINUE TO BE, water-use efficiency trees that replace secondary forests or natu-. Intensively managed forestry plantations reduce pressure on natu-. Transition to timber plantation based forestry in Indonesia - CiteSeerX Single copies of the report can be obtained from Wageningen International Plantations may well be part of a strategy to alleviate the pressure on natural including the environmental and social ones (e.g. societal cost-benefit analysis). Forest plantations are often more efficient and profitable than natural forests for