



Pratique de La Perfection Chretienne (5)

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 66 pages. Original publisher: Portland, OR: U. S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station, 2009 OCLC Number: (OCoLC)469622357 Subject: Biomass energy -- Alaska -- Interior Alaska. Excerpt: . . . Assessing the Potential for Conversion to Biomass Fuels in Interior Alaska 3. Explore the effects of model input selection and model parameter uncertainty on model outputs. 4. Qualitatively assess the effects of social factors on the feasibility of fuel substitution. 5. Examine potential feedback between ecological, economic, and social factors, and assess ways in which they might in combination affect the feasibility of wood biomass fuel use in Alaska villages. Methods Ecological Feasibility For selected interior Alaskan villages, we created a simple model to estimate the area required to supply aboveground tree biomass over a rotation length that would mimic natural fire cycles while reducing fire risk in communities, optimizing aesthetic and subsistence values, and protecting ecosystem integrity. The biomass required was calculated from input variables and model parameters selected based on published data. Input variables included village size, village per capita energy needs, and optimal harvest rotation length. Parameters internal to the model included...



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