

JORI UUSITALO

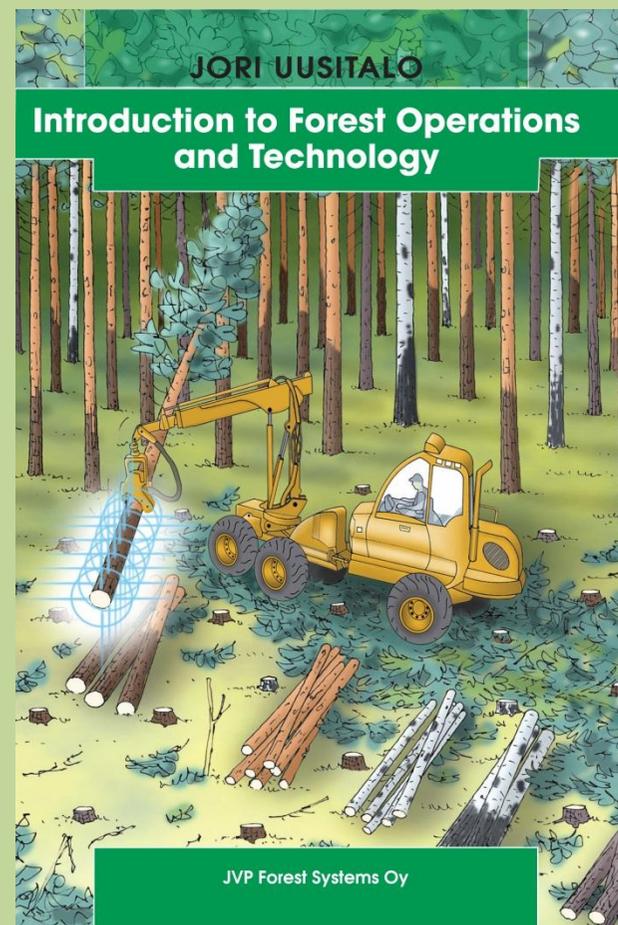
INTRODUCTION TO FOREST OPERATIONS AND TECHNOLOGY

Introduction to Forest Operations and Technology is a comprehensive presentation of modern forest technology as well as the environment and operations within which these technologies are used. Though the book has been written from a Nordic point of view, its scope is rather global in many aspects regarding forest operations in circumstances of any kind. A short introduction to all major timber harvesting systems in the world is also included. *Introduction to Forest Operations and Technology* can be used as a textbook in any college or university providing education in forest sciences. Due to its rather pragmatic approach, it can also be used as an introductory book on forest technology for practical foresters or anyone else interested in forest operations. The book has originally been published in Finland in 2003 and was translated to Russian in 2005. The earlier editions (both Finnish and Russian) are still available at Metsäkustannus Oy. Taking into account all editions and language versions more than 4000 books have already been sold.

A new updated English version has been published in October 2010. The translation from Finnish to English has been carried out by Meeri Pearson, an American born forest scientist who has lived in Finland for over ten years. Following translation, the English manuscript has been proofread by Prof. Dennis Dykstra from the USDA Forest Service, Prof. Reino Pulkki from Lakehead

University, Ontario, Canada and Prof. Tomas Nordfjell from the Swedish University of Agricultural Sciences (SLU).

The book contains more than 140 illustrations as drawn pictures of machines and methods, photos, figures and tables.



Order the book now at www.jvpforest.com

All about Forest Operations Engineering and Management. The goal of the IUFRO Division 3 Podcast is to share research and practical experiences of individual research scientists, forest practitioners and students in the fields of forest operations engineering and management. We will also capture the knowledge of global leaders and experts on emerging research trends, on-going challenges and potential solutions in their fields. We hope that Podcast helps improve communication within Division 3, as well as enhance our visibility among larger forest science and professional communities. Episode 1 Introduction to forest operations and goals of operations management Project planning tools; managing time, money and people Understanding the roles standards, codes, best practice and legislation Contracts and tenders Design goals; forest products, costs and impact Compartment design; roads, bridges, and hydrology Wood production operations in native forests Wood production operations in plantation forests Operations relating to provision of recreational services Operations relating. to provision of forest conservation services. Learning outcomes. Unit Learning Outcomes express learning achie 1 Computerized decision support tools to address forest management planning problems: history and approach for assessing the state of art world-wide. 1 Swedish University of Agricultural Sciences 2 Forest Research Centre, School of Agriculture, Technical University of Lisbon. 2 Design and use of computer-based tools supporting forest planning and decision making in Austria.