

ated societies, as well as to each CRI, research association, and relevant university and polytechnic departments.

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## Erosion control forestry grants monitored by MapInfo

The large-scale erosion control programme in the Gisborne area depends on encouraging land owners to plant trees. This afforestation and its associated grants to landowners is monitored by MapInfo software.

The East Coast forestry project began last year with the scheme of putting 7000 hectares per year into trees.

MapInfo is used to provide maps as well as to tabulate information for the grants which are allocated to farmers for their erosion control work.

Among many other things the MapInfo system presents visual images of reserves, planted areas, and presents outlines of general land use.

It also specifies the hectares for which grants are to be paid.

"MapInfo puts everything into graphics," comments Randolph Hambling, project manager, Ministry of Forestry, Gisborne.

Currently over 16,000 hectares of land in the erosion control programme is being monitored under MapInfo, which is supplied by Wellington-based master agent, Critchlow Associates.

## Lincoln University's forestry ecology programme

Lincoln University has a lively ecology teaching and research programme.

Students can major in ecology for a Bachelors degree at Lincoln University under a variety of degree programmes including: Resource Studies; Parks and Recreation, Tourism and Management; Applied Science; and Science.

#### Special Stream

Of particular interest has been the recent formation of a special Ecology and Conservation stream in the Bachelor of Science degree. From a broad-based introduction to biology, ecology, and evolutionary biology at the first-year level, students move on to learning the principles of ecology in the second year. This background opens up a wide range of third-year courses in ecology, including Applied Ecology, Advanced Plant Ecology, Wildlife Biology, Wildlife Management, and Nature Conservation. Some of these students may also take the Silviculture and Agroforestry papers.

Plant ecology, and especially forest ecology become even more prominent at the postgraduate level in courses of study leading to the Masters and Ph.D. programmes. Masters courses include Conservation Biology, Forest Ecology, Ecology of Grasslands, Advanced Plant Ecology, and Research Methods.

Forest ecology is emphasised in research. There are three plant ecologists in the Plant Science Department at Lincoln University, all of whom have research expertise in forest ecology. Drs Glenn Stewart, Jonathan Palmer, and Richard Duncan have ongoing research programmes in forest dynamics, dendrochronology, forest community ecology, forest herbivory, tree population dynamics and the application of forest ecological principles to the sustained yield management of indigenous forests. Research in forest ecology is further strengthened by Dr Rob Allen of Manaaki Whenua-Landcare Research who is an honorary lecturer and research associate in the Plant Science Department.

## New publication for investors in remanufacturing

The Ministry of Forestry has produced a publication highlighting investment opportunities for remanufacturing solid-wood products in New Zealand.

*Investment Opportunities in New Zealand Solidwood Remanufacturing*, targeted mainly to offshore investors, outlines the attractions of New Zealand's economic environment and markets for finished and semi-finished wood products, and includes financial analyses for New Zealand greenfields remanufacturing operations and product and processing opportunities by region.

The publication is jointly funded by the Ministry of Forestry, the New Zealand Radiata Pine Remanufacturers' Association and Tradenz, with support from ECNZ, Port of Tauranga and Westpac Banking Corporation. It is a companion publication to *Investment Opportunities in the New Zealand Forest Industry*, which has been updated and will be released in early September.

Contributors and sponsors plan a tar-

geted distribution of the publication. Restricted copies will be made available to investors, investment facilitators key clients and government agencies within



New Zealand. Offshore distribution will be coordinated by New Zealand's investment councillors and trade posts.

**Brent Athorp**