IUFRO

1st Brazilian Meeting on Forest Mensuration (MENSUFLOR)

Diamantina, Minas Gerais (MG), Brazil

Report by Gilciano Saraiva Nogueira, Federal University of Jequitinhonha and Mucuri Valleys/UFVJM, Deputy Coordinator 4.01.02 – Growth models for tree and stand simulation
http://www.iufro.org/science/divisions/division-4/40000/40100/40102/

The 1st Brazilian Meeting on Forest Mensuration (MENSUFLOR) was held on 9-10 August, 2012 at the Federal University of Jequitinhonha and Mucuri Valleys/UFVJM. It was organized by professors and graduate students from the area of Forest Management of the Forest Engineering Department, under the general coordination of Professor Gilciano Saraiva Nogueira.

The main objective of the event was to promote the exchange, discussion and dissemination of scientific and practical knowledge among professionals in the area of Forest Mensuration, linked to the various educational, research and extension institutions in Brazil.

Photo provided by Gilciano Saraiva Nogueira

Counting with the participation of the most renowned specialists in the country and representatives from forest companies, the MENSUFLOR had an audience of approximately 180 people, including speakers, organizers, professionals and students from 19 Brazilian states.

The key issues discussed were:

Historical context of the Brazilian forest mensuration

Use of artificial intelligence in forest measurement

Mixed effect models applied in studies of growth and   yield

Forest planning optimized for obtaining multiproduct wood

Theoretical and practical aspects of sampling to quantify necromass forest (standing dead fallen wood or biomass)

Use of randomized branch sampling to estimate timber and non-timber forest

Forest carbon inventory and measurement systems for commercial timber in logs

During the dinner that was offered to the participants, Professors Francisco Paula Neto and João Carlos Chagas Campos from the Federal University of Viçosa (UFV), and Professors Sebastião do Amaral Machado and Sylvio Péllico Neto from the Federal University of Paraná (UFPR) were honoured for their pioneer performances in the area of Forest Mensuration and relevant services to the teaching, research and extension in Brazil.

The meeting provided participants with an opportunity to update and exchange professional knowledge and helped to strengthen contacts between the Brazilian forest mensuration experts, given the excellent quality and innovative themes of the lectures, and the high level of knowledge and experience of the researchers. Consequently, it was decided to hold MENSUFLOR meetings every other year from now on, with the next meeting scheduled for the second semester of 2014 in the state of Curitiba, under the responsibility of UFPR.

Further information and lectures are available on the website: http://www.mensuflor.blogspot.com.br