

First Circular
February, 2014

International Seminar

On

Bamboo in Africa

1st International Forum on current State and future
Opportunities for a unique Renewable Resource in Africa

24-28 November, 2014

At

University of Pretoria, Faculty of Natural Sciences

Jointly Organised by

ISSDA
International Society for
Sustainable Development and Agriculture



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

INVITATION

Dear Colleagues,

Bamboo including Rattan has been identified as one of the most promising renewable resource on the globe. It has been widely used in traditional housing, forestry and agroforestry in many countries around the globe but has received increasing attention for its economics and environmental values over the past 20 years. The physical and environmental properties make it an exceptional economic resource for a wide range of uses and closely linked to it for poverty reduction. Bamboo generally grows on marginal land which is not suitable for forestry or agriculture and is often used as an agroforestry crop. It grows at enormous rates without depletion or deterioration of the soil. It can be harvested annually without using highly specialized equipment and is used as substitute for wood in pulp and paper production, board and charcoal production. Considering the role of Bamboo as substitute for woody products, propagation of these plants can also contribute in combatting forest depletion and the threats to carbon stocks. In many Asian countries such as China, Thailand, Indonesia, Vietnam and others a powerful industry has been established delivering a wide variety of Bamboo-products to all parts of the globe.

In Africa, hosting only few species of Bamboo, the potential of this unique renewable resource has generally been recognized in many countries. Current projects in eastern Africa and others already laid foundations for successful implementation of small and medium sized Bamboo-industries.

In order to further promote Bamboo in Africa the Faculty of Natural Sciences, of the University of Pretoria along with the International Society for Sustainable Development & Agriculture (ISSDA) and the International Network for Bamboo and Rattan (INBAR) invites scientists from different disciplines, forest managers and other interested colleagues to share their experiences with Bamboo on an international conference. This conference aims at presenting practical experiences as well as up-to-date scientific findings about Bamboo as a unique renewable resource on the local, regional and international level.

Prof. Paxie Chirwa

Chairman, International Seminar
Pretoria, South Africa

Prof. Hans Meliczek

Chairman ISSDA
Göttingen, Germany

Information about the Seminar:

The programme of the International Seminar will consist of plenary lectures, lead papers, contributory papers and discussions with scientists, policy planners, practitioners, representatives from industry and NGO's, poster presentations and workshops on topical aspects.

Venue: **SANLAM AUDITORIUM, UNIVERSITY OF PRETORIA**

Dates: 24-28 November, 2014

Official Language: English

Objectives

- to review the state of knowledge in managing Bamboo and its use
- to identify the long term potential of Bamboo in Africa
- to provide an opportunity to exchange knowledge and technologies, share experience
- to establish an international forum for researchers, managers and industries

Themes

I. Biology, Propagation & Improvement of Bamboo

- Site conditions and nutrients
- Genetic resources and crop improvement
- Propagation of Bamboo, methods & technologies
- Flowering issues
- Abiotic and biotic stress factors

II. Management, Inventory, Growth & Yield of Bamboo

- Studies regarding the potential area of Bamboo in Africa
- Management options in Forestry and Agroforestry applications
- Inventorying Bamboo, resource base assessment
- Growth & Yield studies
- Bamboo and water
- Logistics

III. Utilization of Bamboo, Products, Industries

- Bamboo as construction material
- Biomass production and renewable energy from Bamboo
- Ornamental Bamboo products

IV. Bamboo and Sustainable Development

- Bamboo in subsistence farming
- Small growers/Cooperatives

- Marketing, International standards

V. *Bamboo and the Carbon Cycle*

- Carbon balances
- LCA

Guidelines for abstracts & manuscript preparation

Abstract to be submitted for oral presentations at the seminar should not be more than 300 words. The full paper submission, no more than 5000 words excluding figures and tables, should contain main issues on bamboo that the paper is trying to address, brief information on the methodology, results and findings, conclusion and possible recommendation. The manuscript must be in Times New Roman, font 12, and 1.5 line spacing. One registrant can submit only one abstract and final paper.

Posters (1x1.2 m) should include title, name and address of the author (s), short introduction, method and material, results and conclusions. Best Poster Paper Awards.

Reference list entries should be alphabetized by the last names of the first author of each work.

- Journal article
Chirwa PW, Black CR, Maghembe JA, Ong CK (2003) Tree and crop productivity in gliricidia/maize/pigeonpea cropping systems in southern Malawi. *Agroforest Syst* 59:267–277
- Book
Bell JP (1987) Neutron probe practice, Report 19, 3rd edn. Institute of Hydrology, Wallingford, UK, 29 pp
- Book chapter
Ong CK, Odongo JCW, Marshall F, Black CR (1992) Water use of agroforestry systems in semi-arid India. In: Calder IR, Hall RL, Adlard PG (eds) *Growth and water use of plantations*. Wiley, Chichester, UK, pp.347–358
- Online document
Cartwright J (2007) Big stars have weather too. IOP Publishing PhysicsWeb. <http://physicsweb.org/articles/news/11/6/16/1>. Accessed 26 June 2007
- Dissertation
Chirwa PW (2002) Water and nutrient interactions in agroforestry systems: a comparison of intercropping systems with maize in Malawi. PhD Thesis, University of Nottingham, UK, 213 pp.

Mode of presentation

Oral presentations will have duration of 15 minutes, including 5 minutes for discussions.

Abstract submission

All abstracts should be sent to the seminar coordinator Paxie Chirwa, University of Pretoria at email address: Paxie.Chirwa@up.ac.za copied to forestscience@up.ac.za on or before the submission deadline.

Timeline

Deadline for abstract submission: 30 June, 2014

Deadline for full paper submission: 30 September, 2014

Full paper ready for conference publication: 30 October, 2014

International Advisory Committee

Dr. Abdunaser Bedri, Ethiopia

Mr Mafa Chipeta, Malawi

Dr. Fu Jinhe, Beijing, China

Prof Christoph Kätsch, Göttingen, Germany

Prof Godwin Kowero, Nairobi, Kenya

Prof. Hans Meliczek, Göttingen, Germany

Prof Chin Ong, Malaysia

Local Organising Committee

Prof Paxie W Chirwa (University of Pretoria-(UP)

Prof Coert Geldenhuys (UP)

Dr Fola Babalola (UP)

Dr Casper Madakadze (UP)

Dr Ronald Heath (Department of Agriculture, Forestry & Fisheries)

Registration

The Registration Fee for the conference is USD 200. Delegates from developing countries will pay USD 150. Banking details of the accounts for payment/transfer of registration fee will be provided shortly. Please fill in the registration form and return by email to:

Ms. Estie Van Rensburg; Emails: Estie.VanRensburg@up.ac.za; forestscience@up.ac.za

Accommodation

Please refer to the website to find accommodation nearest to the University of Pretoria main campus of Hatfield.

<http://web.up.ac.za/default.asp?ipkCategoryID=6600>

Additional information

For additional information, please contact:

Ms. Estie Van Rensburg

Emails: Estie.VanRensburg@up.ac.za; forestscience@up.ac.za

Phone: +27 12 420 3177; +27 12 420 3213

REGISTRATION FORM**International Seminar
on
BAMBOO IN AFRICA****CLOSING DATE FOR REGISTRATION: 31 OCTOBER 2014**

1	Name (in block letters)		ISSDA-Member? Yes <input type="checkbox"/> No <input type="checkbox"/>
2	Surname		
3	Organization/Institute		
4	Position		
5	Address		
6	Phone & fax		
7	Email		
8	Title of paper		
9	Registration Fee / Transfer		
10	Transport		
11	Arrival Time and Date		
12	Departure Time and Date		
13	Dietary requirements	Vegetarian <input type="checkbox"/> Halaal <input type="checkbox"/>	

Signature

Date

Please return by email to Ms. Estie Van Rensburg: Email: Estie.VanRensburg@up.ac.za;
forestscience@up.ac.za