

**CONVOCATORIA FINAL
FINAL ANNOUNCEMENT**

**IV CONGRESO LATINOAMERICANO DE AGROFORESTERIA
PARA LA PRODUCCIÓN PECUARIA SOSTENIBLE.**

**4th LATIN AMERICAN CONGRESS ON AGROFORESTRY FOR
SUSTAINABLE ANIMAL PRODUCTION.**



Experimental Station of Pastures and Forages "Indio Hatuey"

Institute of Animal Science

Institute of Tropical Livestock

Institute of Forestry Research

FINAL ANNOUNCEMENT
4th LATIN AMERICAN CONGRESS ON AGROFORESTRY
FOR SUSTAINABLE ANIMAL PRODUCTION.

Dear colleagues:

The Latin American Congress on Agroforestry for Sustainable Animal Production is the right opportunity for scientific and technological discussion among Latin-American specialists, as well as scientists from other continents, who work on the topics of agroforestry systems for sustainable animal production, an initiative that started in 1999 in Colombia, being continued in 2001, in Costa Rica, and in Mexico in 2004.

To continue with the celebration of this important congress, Cuba obtained the right to host its fourth edition, which will take place on **October 24th- 27th, 2006**, and will be organized by the Experimental Station of Pastures and Forages "Indio Hatuey", the Institute of Animal Science, the Institute of Tropical Livestock and the Institute of Forestry Research, scientific centres that have been working for more than 20 years on the use of trees and shrubs for animal production, obtaining relevant scientific-technical results and accumulating experiences on technology transfer to the farmers and production enterprises.

The congress will be held in the famous Varadero beach, province of Matanzas, at the "Plaza America" Convention Centre, located 130 kilometres from the city of Havana.

Within this Congress other events will take place: the **Seventh International Workshop "Trees and shrubs in livestock"**, the **Third Regional Meeting on Mulberry**, the **Workshop on the Transference of Agroforestry Technologies for Animal Production**, the **Fourth Symposium on Agroforestry Techniques** and the **International "Successful Producers in Agroforestry"**.

We will very please to welcome you to such an important congress, not only for exchanging, but also for you to enjoy the cultural and historical riches of Cuba and the hospitality of our people.

Dr. Giraldo J. Martín Martín
President of the Organizing Committee

ORGANIZERS

Experimental Station of Pastures and Forages "Indio Hatuey" (EPPF "Indio Hatuey")
Institute of Animal Science (ICA)
Institute of Tropical Livestock (IGAT)
Institute Forestry Research (IIF)

SPONSORS

Cuban Ministry of Higher Education
Livestock Vice-ministry, Cuban Ministry of Agriculture
Food and Agriculture Organization of the United Nations (FAO)
Tropical Agronomic Centre of Research and Education (CATIE), Costa Rica
Electronic Platform on Livestock and Environment (CATIE/LEAD/FAO)
Centre for Research on Sustainable Systems of Agricultural Production (CIPAV), Colombia
University of Tropical Agriculture Foundation
Sustainable Development and Environment Network (REDESMA), Bolivia
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EMBRAPA Floresta, Brasil
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National Program of Grass and Forage, INIFAP, Mexico
Agricultural Technology Institute No. 2, Yucatan, Mexico
National Found of Forestry Funding (FONAFIFO), Costa Rica
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Research Group on Agricultural Production Systems Analysis, University of Caldas, Colombia
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Cubanacan Viajes Travel Agency
Agricultural University of Havana, Cuba
Central University of Las Villas, Cuba
Universities of Matanzas, Camagüey, Pinar del Río and Granma, Cuba

Congress Site: Plaza America Convention Center, Varadero

Official Receiver: UniversITUR Travel Agency

ORGANIZING COMMITTEE.

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OTHER MEMBERS OF ORGANIZING COMMITTEE.

Dr. Jesús M. Iglesias (EEPF "Indio Hatuey").

Dra. María Felicia Díaz (ICA) - Courses - Workshops Coordinator.

Dra. Nury Valenciaga (ICA) - Secretary of Information Dissemination.

Dra. Alicia Mercadet (IIF)

M.Sc. Marlen Navarro (EEPF "Indio Hatuey").

M.Sc. Eduardo Vieto IGAT) - Coordinator of Technical Tours.

Eng. Efraín Calzadilla (IIF).

Yossel González (EEPF "Indio Hatuey").

INTERNATIONAL SCIENTIFIC COMMITTEE.

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Vice-president: Dr. Robert Ergil Øsrkov (Macaulay Research Institute, UK)

Members: Dr. Lerdert't Mannelje (Wageningen University, The Netherlands).

Dr. P.K. Nair (University of Florida, USA).

Dr. Peter Buurman (Wageningen University, The Netherlands).

Dr. Max Shelton (Queensland University, Australia).

Dr. Enrique Murgueitio (CIPAV, Colombia).

Dr. C. Devendra (International Livestock Res. Inst., Malaysia).

Dr. Andrew M. Gordon (University of Guelph, Canada).

Dr. Thomas Preston (UTA Foundation).

Dr. Richad Standiford (University of California)

Dra. María Cristina Amézquita (CIAT, Colombia)
Dr. Antonio Rigueiro (University of Santiago de Compostela, Spain).
Dr. Leopoldo Olea (University of Extremadura, Spain)
Dr. Rainer Schultze-Kraft (University of Hohenheim, Germany).
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M.Sc. Jorge E. Benavides (BCS Consulting, Costa Rica).
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Dr. Jorge Ribaski (EMBRAPA Floresta, Brazil).
M.Sc. Carlos A. Rossi (University of Lomas de Zamora, Argentina).
M.Sc. Osmín de J. Pineda (University of San Carlos, Guatemala).
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Dr. Tomás Ruíz (ICA, Cuba).
Dr. Fernando Funes (IGAT, Cuba).
Eng. Arsenio Renda (IIF, Cuba).

NATIONAL SCIENTIFIC COMMITTEE.

President: Dr. Luis Lamela (EPPF "Indio Hatuey").

Vice-president: Dr. Tomás Ruíz (Instituto de Ciencia Animal).

Members: Dr. Leonel Simón (EPPF "Indio Hatuey").

Dr. Félix Ojeda (EPPF "Indio Hatuey").

Dra. Marta Hernández (EPPF "Indio Hatuey").

Dr. Jesús M. Iglesias (EPPF "Indio Hatuey").

Dra. Idalmis Rodríguez (Instituto de Ciencia Animal).

Dra. Nury Valenciaga (Instituto de Ciencia Animal).

Dra. Bertha Chongo (Instituto de Ciencia Animal).

Dr. Emilio Castillo (Instituto de Ciencia Animal).

Dr. Jatnel Alonso (Instituto de Ciencia Animal).

Dr. Gustavo Febles (Instituto de Ganadería Tropical).

Dr. Fernando Funes (Instituto de Ganadería Tropical).

Dr. Raúl Ruíz (Instituto de Ganadería Tropical).

Dra. Alicia Mercadet (Instituto de Investigaciones Forestales).

Dr. Arnaldo Alvarez (Instituto de Investigaciones Forestales).

Dr. Alberto Vidal (Instituto de Investigaciones Forestales).
Ing. Arsenio Renda (Instituto de Investigaciones Forestales).
Dr. Pedro Pablo del Pozo (Universidad Agraria de la Habana).
Dr. Mario Reinoso (Universidad Central de Las Villas).
Dr. Redimio Pedraza (CEDEPA, Universidad de Camagüey).
Dr. Ynocencio Betancourt (Universidad de Pinar del Río).

GENERAL PROGRAM.

Tuesday, October 24th: Official Opening, scientific sessions, as well as welcoming cocktail.

Wednesday, October 25th: Scientific sessions during the whole day.

Thursday, October 26th: Scientific sessions, closing ceremony and farewell cocktail.

Friday, October 27th: Technical Tours (Field day)

Saturday, October 28th: International post-congress Courses - Workshop (optional).

Monday, October 29th: Optional tours.

- Varadero.
- Ciénaga de Zapata National Park (Reserve of Biosphere).
- Tour through Havana City.

TOPICS

- ◆ Agroforestry, food security and sustainability.
- ◆ Biodiversity conservation and sustainable management in animal production agroforestry systems (APAFS).
- ◆ Carbon sequestration in agroforestry systems and its effect on climate change.
- ◆ Bio-physical and ecological aspects of APAFS. Interactions.
- ◆ Inventory of agroforestry resources associated to animal production.
- ◆ Improvement, agronomy and evaluation of herbaceous and tree forage plants for grazing/browsing and cut/carry systems. Agroforestry techniques and their results.
- ◆ Evaluation of components in APAFS.
- ◆ Reforestation with multipurpose trees as an alternative in the recovery and reclamation of pasturelands and other degraded areas.
- ◆ Silvopastoral systems and their effects on animal rearing and health.
- ◆ Conservation of feedstuffs obtained from trees.
- ◆ APAFS as a choice for organic food production. Marketing of products and services generated.
- ◆ Effect of multipurpose trees on the development of the edaphic macrofauna and the improvement of soils dedicated to livestock. Nutrient management.
- ◆ Mulberry, a plant with great potential for feeding ruminant and monogastric animals.
- ◆ Conservation and management of hydrographic basins with agroforestry systems

- ◆ Socioeconomic aspects and technology transfer. Tools for decision-making.
- ◆ Agricultural, livestock, forestry and environmental policies related to APAFS.
- ◆ Education and Agroforestry. Dissemination of information and knowledge among producers.
- ◆ Global knowledge an animal production agroforestry in the Latin American and global context.
- ◆ Experiences and results of the use of agroforestry in animal production systems.
- ◆ Future perspectives of APAFS in the Latin American and global context.

WORK LANGUAGES

The official languages of the Congress are Spanish and English.

CONVENIENCES OF THE CONGRESS SITE

Air-conditioned rooms equipped with modern means of projection, simultaneous interpretation and a room for poster.

REGISTRATION FEE

Delegate: **\$ 180, 00 CUC**

Student accredited by his/her director, dean or rector: **\$ 140, 00 CUC**

Such fees guarantee the receipt of accreditation, credential, documents of the Congress, the access to scientific activities, lunch and coffee at the site, welcoming and farewell cocktails, as well as participation and/or authorship certificate.

A program will be offered to companions of foreign delegates, for a price of **\$ 90, 00 CUC**, if at least **10 pax** are registered.

The registration fee and the program for companions, as well as other payments in Cuba, will be done in Cuban Convertible Pesos (CUC), currency of official circulation in the country. This currency may be obtained upon your arrival: at the airport, hotels, bank agencies or exchange houses.

The currencies exchangeable according to the update international exchange are: US dollars, euros, Canadian dollars, Sterling pounds and Swiss francs. In the case of US dollars a 20 % levy tax will be applied, which will not be imposed when changing CUC back or when using an acceptable form of payment other than cash. Foreign delegates are advised to arrive in Cuba with the one of the last four types of currency, because US dollar is undergoing increasing depreciation in the exchange to CUC.

INVITATIONS

The participants who require invitation letters to come in to the country may request them to B.A. Nayda Armengol, nayda.armengol@indio.atenas.inf.cu, Secretary of the Organizing Committee of the Congress.

ADMISSION OF WORKS

Those interested in participating must send, by E-mail, their works/papers (six pages maximum, 81/2x11) in Spanish, Portuguese or English **before June 15th, 2006**. The works should be typed Arial font 11 and they will include title, name of the authors, institution (full mailing address, including E-mail), a 500 - word abstract, the objectives and materials and methods used and the most important results, illustrated as graphs and/or tables, as well as bibliographic references. The acceptance of the papers will be communicated to the authors **before August 15th**. The works received, after June 30th, may be accepted, but the Organizing Committee will not guarantee their

inclusion in the proceedings. Please, send the work to this E-mail address: nayda.armengol@indio.atenas.inf.cu, with copy to luis.lamela@indio.atenas.inf.cu.

TECHNICAL TOURS

Within the Congress there is a program of technical tours (field day), included in the registration fee, which be held **October 27th**, in the morning, with the objective of showing to the delegates the development reached in Cuba by agroforestry systems for animal production, validated under production conditions.

1. Integral agroforestry farm.
2. State enterprise with an animal production agroforestry approach.
3. Citrus enterprise "Victoria de Girón"
4. Silvopastoral experimental plots of "Indio Hatuey"
5. Ciénaga de Zapata National Park

All the tours include personal assistance, transportation, snack and lunch. For more information regarding the tours, please contact: **M.Sc. Eduardo Vieto** (IGAT) - pmorales42@cima-minag.cu

COURSES

One-day International Courses-Workshop will be taught as an option at the Congress site during **October 28th**, about:

- ✚ Sustainable animal production from silvopastoral systems and cut-and-carry forage banks.
- ✚ Production and utilization of sheep and goat in agroforestry systems.
- ✚ Integral agroforestry systems.
- ✚ Advances in animal nutrition in the context of agroforestry systems for animal production.

The registration fee is **\$ 35, 00 CUC**, which includes scientific material, coffee and participation certificate, and a minimum participation of five students is required. The contents and others details will be communicated by E-mail to the persons interested in participating, from **January 2006**. Those who are interested in the courses may contact **Dra. María Felicia Díaz** (ICA) - marudiaz2004@yahoo.es

LODGING PACKS FOR PARTICIPANTS

The lodging of foreign delegates will take place at hotels of Varadero. Reservations in double or single room could be done, with the following regimes: MAP (includes breakfast and dinner) y CP (only breakfast), including in all cases, airport IN/OUT transfer, flight confirmation and personal attention.

In order to know the prices of stay packages and to make reservations, please contact the travel agency **UniversiTUR from January, 2006**, who will suggest the most appropriated ways to travel to Cuba:

✚ **UniversiTUR Travel Agency:**

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FOR MORE INFORMATION, PLEASE CONTACT:

✚ **Organizing Committee:** jesus.suarez@indio.atenas.inf.cu, nayda.armengol@indio.atenas.inf.cu
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✚ **Electronic Platform on Livestock and Environment (CATIE/LEAD/FAO):**

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Thank you very much, we look forward to meeting you in Varadero.

Organizing Committee