



**When : 14 – 18 August 2018 / Where : Xalapa, Veracruz**

*1 April 2017*

## **Call For Papers**

The 11th World Bamboo Congress is now accepting papers for consideration for inclusion in its vast Program. The theme of the Congress is

**Sustainability = Environment + Society + Economy.**

**“Bamboo: a viable alternative for a sustainable future”**

**Deadline for paper submission is 15 January 2018**

**SUBMIT YOUR PAPER TO THIS EMAIL ADDRESS ONLY :**

**[papers@worldbamboocongress.org](mailto:papers@worldbamboocongress.org)**

See here below suggested TOPICS considering ENVIRONMENT, SOCIETY AND ECONOMY

### **1) ENVIRONMENT**

#### **1.1. Taxonomy & Morphology:**

Morphology and phenology

Taxonomy (including molecular methods in taxonomy)

Anatomy & characterization

Bamboo species in the world; Asia, Africa, America and Mexico

#### **1.2. Commercial plantation and Management:**

Propagation Methods

Genetic Improvements

Plantation Planning & Management

Pests and Diseases

Harvesting

Novel planting techniques

Methods for forest inventories



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1.3. Ecology and Environmental Concerns:

Forest Dynamics  
Afforestation and Reforestation  
Environmental Impacts & Landscape Use  
Carbon Sequestration, Remediation, Watershed Protection  
Endangered Species  
Conservation management strategies and policies.  
Ecological niche modeling

1.4. Molecular analysis

Molecular genetics  
Bamboo genomics  
Gene expression analysis  
Transposon analysis

1.5. Post-Harvesting and Processing:

Drying, preservation and protection  
Chemical properties  
Products and by-products from the living culm

**2) SOCIETY**

2.1. Community and Economic Development:

Poverty reduction  
Good Health, Well-being and Water & Sanitation programs  
Sustainable cities & Communities  
Social, political and economic inclusion (e.g. gender equality)

2.2. Teaching and Dissemination:

Teaching & Learning programs  
Training & Skills Development



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2.3. Implementation:

Global & Local social projects  
Responsible sourcing & consumption  
Resilience & Adaptation to Climate change

**3) ECONOMY**

3.1. Industrial uses of bamboo:

Wood Industry: Culms and Engineered bamboo products (EBPs, e.g. laminated, boards, densified and plyboo)  
Bioenergy Industry: Fuel and energy generation (e.g. charcoal, briquettes, pellets and bioethanol)  
Pulp, Paper and Textile industry  
Furniture & Houseware Industry  
Automotive, Sports & Recreation Industry  
Leisure & Tourism Industry  
Other industrial uses of invasive and non-invasive bamboo species

3.2. Food and Pharmaceuticals

Role in the food and pharmaceutical industry  
Bamboo shoots as a Health Food  
Bamboo as a cosmeceutical  
Functional Food and Nutraceuticals  
Beverages (e.g. beer and water)

3.3. Business & Innovation:

Production, Supply Chain & markets: Culms & EBPs  
Product Development: Design, Marketing & Costs  
Business models & initiatives  
Green Economy & Responsible Production  
Information and Communication Technologies  
Disruptive innovation & New Trends  
Corporate Social responsibility  
Art Installations



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3.4. Infrastructure, Machinery and technologies

Primary processing (machinery and skills development)

Machinery for the industrial use of bamboo (e.g. charcoal, pellets, boards, mat boards, fibers, paper)

Factory setting-up: Costs, Financials

Industrial Production and Management: Costs, Volumes

Investment and running costs

3.5. Architecture, Engineering and Construction:

Physical and Mechanical Properties & Fire Engineering (poles & Engineered bamboo products)

Bamboo Engineering (structural design methods, analysis and calculations)

Architectural design

Construction Systems and Methods (Materials, Connections, Joinery, Modulation).

Social Housing

Life Cycle Assessment (LCA)

3.6. Resources, Standards, Commerce and Policy Aspects:

Public Policies and Laws

Forest Certification and Labelling (e.g. FSC, Fairtrade, etc.)

Technical standards & Building codes (e.g. ISO, NTC, JG/T, ASTM, etc.)

Import and Export markets & regulations

Transportation

Financing

**IF YOU WISH TO SUBMIT A PAPER** to be considered for oral presentation relating to any of the above categories please read carefully the **Instructions for Submitting a Paper** guidelines on the website, [www.worldbambocongress.org](http://www.worldbambocongress.org)

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All papers will be forwarded to the Technical Committee for review.

**At the top of the first page of your paper, please specify the theme to which your paper relates.**

The above-mentioned categories will be developed into sessions of lecture and discussion sessions. The decision on the final structure and composition of the sessions in question will rest with the designated Chair of that session, and it is possible that some discussion workshops will also have a demonstration component and/or poster.

#### Posters

Original work and other presentations that cannot be accommodated in the oral presentation schedule will be presented as posters and there will be plenty of time for scheduled discussion on the poster papers as well.

#### Paper submission process

Please refer to the "Instructions for Submitting a Paper" guidelines and the Guidelines for Poster Presentations.

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