

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES  
OF WILD FAUNA AND FLORA



Fifty-eighth meeting of the Standing Committee  
Geneva (Switzerland), 6-10 July 2009

MASTER'S DEGREE IN MANAGEMENT, ACCESS AND CONSERVATION OF SPECIES IN TRADE:  
THE INTERNATIONAL FRAMEWORK

1. This document has been submitted by the Spain\*.
2. A total of 32 people from the following 25 countries participated in the 8<sup>th</sup> edition of the Master's Degree Course and 4<sup>th</sup> edition of the Doctorate programme: Angola; Bahrain; Brazil; Cameroon; China; Colombia; Costa Rica; Ecuador; Ethiopia; Guatemala; Honduras; Jordan; Kenya; Kuwait; Mexico; Montenegro; Peru; Portugal; Saint Vincent and the Grenadines, Spain; Tanzania; Thailand; Uganda; Venezuela; and Zambia.
3. Spain financed the eighth edition of the programme through the contributions of the International University of Andalusia, Spain, and Fundación Carolina of the Spanish Ministry of Foreign Affairs and Cooperation. This funding provided participants with full or partial scholarships to follow the course.
4. Italy (SA for Plants), Mexico (SA), the Netherlands (SA), the United Kingdom (SA for Animals), and the United States of America (MA) cooperated with the eighth edition covering the travel costs of the lecturers they sent.
5. France provided full scholarships to 2 participants from Cameroon, the United States of America covered the travel costs of 1 participant from Zambia, and the enterprise Euromed provided a full scholarship to 1 participant from Tanzania.
6. The following authorities cooperated in the teaching of the Master's Degree Course and were involved in a very relevant way in the coordination and definition of several sections: the General Secretariat for Foreign Trade of the Spanish Ministry of Industry, Tourism and Trade (CITES Management Authority), and the General Directorate for the Natural Environment and Forest Policy of the Spanish Ministry of the Environment and Rural and Marine Affairs (CITES Scientific Authority).
7. The CITES Secretariat participated in the Master's programme with three staff members who gave lectures and whose payment and travel, accommodation and living expenses were covered by the programme.
8. The eighth edition of the Master's programme included lecturers from the following institutions: the CITES Scientific or Management Authorities of Argentina, China, Germany, Italy, Mexico, the Netherlands, Portugal, Spain, the United Kingdom, and the United States of America; the CITES Secretariat, the Universities of Cordoba, Greifswald, Palermo, Perugia, and Reading, the National Autonomous University of Mexico, Madrid Polytechnic University, and Rey Juan Carlos University; Frankfurt Zoo; Italian Wildlife Institute; Spanish Customs; National Germplasm Bank of Spain; Alexander Von Humboldt Institute of Colombia; Spanish Institute of Oceanography; Natural Sciences

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\* *The geographical designations employed in this document do not imply the expression of any opinion whatsoever on the part of the CITES Secretariat or the United Nations Environment Programme concerning the legal status of any country, territory, or area, or concerning the delimitation of its frontiers or boundaries. The responsibility for the contents of the document rests exclusively with its author.*

Museum, Spanish Council for Scientific Research (CSIC); Royal Botanic Gardens, Kew; Spanish Office for Patents and Trademarks; Spanish Environmental Police; UNEP-WCMC; ATECMA; ALMACIGA; AAP-Sanctuary for exotic animals; CDP; Jerez Zoo; and the Peruvian Society for Environmental Law.

9. In short, the Master's Degree Course has already been given eight times by the International University of Andalusia. In its last four editions, the course was linked to a Doctorate programme in collaboration with the University of Cordoba. In these eight editions, including the Master's Degree and Doctorate courses, quality specialised training was given to 209 individuals from 64 countries (Albania, Angola, Antigua and Barbuda, Argentina, Bahamas, Bahrain, Bolivia, Botswana, Brazil, Burundi, Cameroon, Chile, China, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, Egypt, Equatorial Guinea, Ethiopia, Greece, Guatemala, Honduras, Hungary, India, Indonesia, Italy, Jordan, Kenya, Kuwait, Mexico, Montenegro, Mozambique, Namibia, Nepal, Nicaragua, Nigeria, Panama, Paraguay, Peru, Portugal, Russian Federation, Saint Lucia, Saint Vincent and the Grenadines, Serbia, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Surinam, Tanzania, Thailand, Ukraine, Uganda, United States of America, Uruguay, Venezuela, Vietnam, Yemen, Zambia, and Zimbabwe).
10. The on-campus stage of the 9<sup>th</sup> edition of the Master's Degree Course on "Management, Access and Conservation of Species in Trade: the International Framework" will take place from 5<sup>th</sup> April to 25<sup>th</sup> June 2010 in the International University of Andalusia, Antonio Machado Site, in Baeza, Jaén, Spain (see details in the Annex).
11. Spain is fully convinced that the Programme is highly valuable to strengthen and consolidate the capacities of people in charge of the implementation of CITES.
12. Spain wishes to thank all the lecturers and participants in this Programme for their contributions, as well as the various Parties and institutions that provided scholarships or funded the participation of lecturers implementing Decision 14.10. For this reason, Parties, Institutions and Non-Governmental Organisations are invited once again to support the attendance of new participants for the next edition in 2010.

## ANNEX

### 9<sup>th</sup> MASTER'S DEGREE IN *MANAGEMENT, ACCESS AND CONSERVATION OF SPECIES IN TRADE:*

#### *THE INTERNATIONAL FRAMEWORK*

##### **Academic Director of the Programme:**

Prof. Dr. Margarita África Clemente Muñoz, Full Professor, University of Cordoba, Spain

#### **1. DATES AND ACADEMIC STRUCTURE**

This programme of studies offers a total of 60 ECTS credits (equivalent to 1,500 hours): 48 for class attendance, study through the "virtual platform" and supervised work, and 12 for the preparation of the final Master's thesis. The course is structured as follows:

- A. Class Stage: (attendance required) in class sessions divided into twelve sections.
- B. Online Study Stage: through the virtual platform set up by the *Universidad Internacional de Andalucía* (UNIA), involving further work on the subject matter covered in the twelve class sections.
- C. Research Stage: (presence not required) in which students will perform research tasks in preparation for the Master's thesis.

On-campus credits: Classes will be held at the Antonio Machado Site of the International University of Andalusia from Monday to Friday, in morning and afternoon sessions. Monitoring and assessment will consist of weekly individual and/or group tests on the contents covered. The UNIA virtual platform will provide further learning experience and diverse practical activities on the course content.

Research period: 12 credits will be given for supervised research activities leading to the presentation of a research project.

#### **2. OBJECTIVES OF THE ACADEMIC PROGRAMME**

The **General Objective** of the programme is to provide specialised high quality training in the scientific bases, techniques and instruments that make it possible to implement and develop of two multilateral environmental agreements (MEAs): the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and the Convention on Biological Diversity (CBD).

It is appropriate for people who are involved or wish to become involved in environment-related policy-making, in the implementation of international agreements or the development of the scientific and technical work required for their implementation at the executive level.

The **Specific Objectives** are to provide specialised training in the following areas:

- The concept of biodiversity at all organisational levels, particularly with reference to populations, species and ecosystems
- Scientific bases and methods to diagnose and solve problems associated with proper implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
- Administrative, legislative and enforcement issues in CITES implementation
- Biological and trade criteria for listing species on the CITES Appendices
- Significant trade reviews in CITES
- Assessment studies for making non-detriment findings on specimens taken from the wild in CITES
- Techniques for identifying species and specimens subject to CITES controls
- CITES EU provisions: how they work and how they are implemented
- Theoretical and practical aspects of the relationship between economics and the environment

- The study of diversity in space
- Basics of biogeography and chorology
- Techniques for population studies, dispersal models, demography and variation
- Use of Geographic Information Systems to study variation in forestry species, plant cartography and population assessment
- Population biology, conservation and management of CITES animals and plants
- Recovery plans and sustainable management programmes for animals and plants at the international level
- Analysis of the impact of invasive species on biodiversity
- Techniques for germplasm preservation
- Techniques for propagation and study of genetic diversity at the molecular level; *in vitro* culture techniques; PCR analysis of DNA and RNA
- CBD Programmes and synergy with CITES
- International systems that regulate access to genetic resources and benefit-sharing
- Negotiation systems in multilateral environmental agreements (MEAs)
- Legal aspects of multilateral environmental agreements

### 3. REGISTRATION

#### Class Size and Requirements for Admission

This Master's Degree Course offered by the International University of Andalusia is open to 30 graduate students with university degrees. Students holding the following degrees are eligible for this Master's Programme: Engineering (Agricultural, Forestry or Environmental Engineering); Veterinary Science, Biological Science, Environmental Science, Chemistry, Geography and History, Humanities, Education, Law, Policy and International Relations, or university degrees recognised as being equivalent to the former. If it is necessary to establish priorities between applicants, their Curriculum Vitae will be considered.

#### Application Requirements

Applicants must send the pertinent documentation as required on the application form (available on the University website: [www.unia.es](http://www.unia.es)). The deadline for applications is **30<sup>th</sup> October 2009**. Applications certified and postmarked within this period will be accepted.

#### Acceptance and Registration

Once the selection is made, applicants will be personally notified of admission or non-admission to the programme. Those who have applied for a scholarship as well will also be notified accordingly. Upon receipt of notification, applicants admitted must confirm their participation in the programme, fully register and pay the fee for the 60 credits of the programme by **15<sup>th</sup> December 2009**.

#### Documentation Required

Applicants must provide the following documents:

1. Duly completed registration form provided by the International University of Andalusia
2. Standard Curriculum Vitae (available from the website [www.unia.es](http://www.unia.es)). The CV will be considered if there is equality between applicants in the other merits. It must be accompanied by proof of graduation: original document or certified photocopy showing the applicant's transcript of records (courses passed and grades obtained) and a certified photocopy of the university diploma. Certifying documents must be translated into Spanish
3. Photocopy of the applicant's passport
4. One passport-size photograph

#### Public Prices for Academic and Administrative Services

The enrollment fee is 3,000€ (including a fee of 63,50€ that covers registration and the issuance of the diploma).

Payment of academic and administrative services as well as the cost of accommodation (if applicable) must be made by bank transfer free of charges or a deposit in the following bank account:

BANK: CAJA RURAL PROVINCIAL DE JAÉN  
ADDRESS: CALLE OBISPO NARVÁEZ, 12  
23440 BAEZA (PROVINCE OF JAÉN) SPAIN  
ACCOUNT HOLDER: UNIVERSIDAD INTERNACIONAL DE ANDALUCÍA  
SEDE ANTONIO MACHADO CIF – Q7350007F  
ACCOUNT NUMBER: 3067 0012 52 1147998627  
IBAN: ES54 3067 0012 52 1147998627  
SWIFT (BIC) Code: BCOEESMM067

### **Health Insurance**

Foreign students must take out and pay insurance for medical care and hospitalization during the on-campus period. The University will make the necessary arrangements for the students, who must pay the fee at the time of enrollment.

### **Cancellation**

Students who expressly so request are entitled to a refund of the tuition fee, excluding the registration fee, if the request can be justified and is made at least twenty days before the Master's Course begins. The request for the refund must be made in writing to the Antonio Machado Site Secretarial Office.

## **4. MASTER'S DEGREE**

The International University of Andalusia will issue the diploma accrediting the Master's Degree to students having attended and successfully passed the full 60 course and research credits of the programme.

## **5. SCHOLARSHIPS**

The International University of Andalusia will grant scholarships covering tuition and accommodation fees based on applicants' academic and professional merits as well as their financial circumstances. Scholarship students must confirm acceptance of the scholarship and register by **15<sup>th</sup> December 2009**.

### **Documentation Required**

Applicants must provide the following documents:

1. Duly completed application form provided by the International University of Andalusia
2. Standard *Curriculum Vitae*, which will be considered in the selection process. It must be accompanied by proof of graduation: original document or certified photocopy showing the applicant's transcript of records (courses passed and grades obtained); if this is not available, a certified photocopy of the university diploma may be provided.
3. Photocopy of the family's income tax declaration for the last fiscal year. If this is not available, it will be necessary to provide documents certifying income.

All these forms are available on the University website: [www.unia.es](http://www.unia.es)

### **Deadline for Scholarship Applications**

**The deadline for scholarship applications is 30<sup>th</sup> October 2009.** Applications registered by mail within this period will be accepted. Scholarship applications must be sent to the Antonio Machado Site of the International University of Andalusia.

## 6. ACADEMIC PROGRAMME AND CALENDAR

The programme consists of 60 ECTS\* credits (equivalent to a total of 1,500 hours)

\* 1 ECTS credit = 25 hours, including theoretical and practical classes, guided instruction, work on the virtual platform, study hours and supervised sessions, exams, preparation of various materials and the Master's thesis.

### On-campus Classes

Classes will be given in English and Spanish – with simultaneous interpretation – at the Antonio Machado Site of the International University of Andalusia from Monday to Friday in morning and afternoon sessions. There will be weekly individual and/or group tests on the contents covered.

#### **Section 1: *"Biodiversity as a Paradigm"***

4 ECTS credits

From 5<sup>th</sup> to 9<sup>th</sup> April 2010

##### **Coordinator:**

Dr Margarita África Clemente Muñoz, University of Cordoba, Spain

#### **Section 2: *"The Convention on Biological Diversity-Main Programmes and Synergies with CITES"***

4 ECTS credits

From 12<sup>th</sup> to 16<sup>th</sup> June 2010

##### **Coordinator:**

Mr Hesiquio Benítez, CONABIO, Mexico

#### **Section 3: *"International Regimes on Access to Genetic Resources and Benefit-Sharing"***

4 ECTS credits

From 19<sup>th</sup> to 23<sup>rd</sup> April 2010

##### **Coordinator:**

Dr Alejandro Lago Candeira, Rey Juan Carlos University, Spain

#### **Section 4: *"The Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) – General Introduction"***

4 ECTS credits

From 26<sup>th</sup> to 30<sup>th</sup> April 2010

##### **Coordinator:**

Ms Mercedes Lasso Liceras, General Secretariat for Foreign Trade, CITES Management Authority, Spanish Ministry of Industry, Tourism and Trade

#### **Section 5: *"Animal and Plant Species Regulated by CITES"***

4 ECTS credits

From 3<sup>rd</sup> to 7<sup>th</sup> May 2010

##### **Coordinator:**

Dr Margarita África Clemente Muñoz, University of Cordoba, Spain

#### **Section 6: *"Management of Fauna: Ecological Bases for Applied Conservation"***

4 ECTS credits

From 10<sup>th</sup> to 14<sup>th</sup> May 2010

##### **Coordinator:**

Dr Rodrigo Medellín Legorreta, UNAM, National Autonomous University of Mexico

#### **Section 7: *"Management of Flora: Ecological Bases for Applied Conservation"***

4 ECTS credits

From 17<sup>th</sup> to 21<sup>st</sup> May 2010

##### **Coordinator:**

Dr Esteban Hernández Bermejo, University of Cordoba, Spain

**Section 8: “Implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) – Administrative Aspects”**

4 ECTS credits

From 24<sup>th</sup> to 28<sup>th</sup> May 2010

**Coordinator:**

Ms Mercedes Lasso Liceras, General Secretariat for Foreign Trade, CITES Management Authority, Spanish Ministry of Industry, Tourism and Trade

**Section 9: “Implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); Scientific Aspects – Fauna”**

4 ECTS credits

From 31<sup>st</sup> May to 4<sup>th</sup> June 2010

**Section 10: “Implementation of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); Scientific Aspects – Flora”**

4 ECTS credits

From 7<sup>th</sup> to 11<sup>th</sup> June 2010

**Coordinator:**

Dr Patricia Dávila Aranda, UNAM, National Autonomous University of Mexico

**Section 11: “Ex situ conservation techniques and methods for plant species”**

4 ECTS credits

From 14<sup>th</sup> to 18<sup>th</sup> June 2010

**Coordinator:**

Dr César Pérez Ruiz, Polytechnic University of Madrid, Spain

**Section 12: “Techniques for Identification and Control of Species in International Trade”**

4 ECTS credits

From 21<sup>st</sup> to 25<sup>th</sup> June 2010

**Coordinator:**

Ms Mercedes Lasso Liceras, General Secretariat for Foreign Trade, CITES Management Authority, Spanish Ministry of Industry, Tourism and Trade

**Use of the Virtual Platform**

The contents of the sections will be included in the virtual platform of the International University of Andalusia.

Content coordination, monitoring and management: Dr Margarita África Clemente Muñoz, University of Cordoba, Spain.

**On-campus Class Evaluation**

Students will be tested, either individually or in groups, on the subject matter covered in each section.

Participation in the various sections will also be assessed, as well as use of the virtual platform, where there will be practical exercises on the contents of each section. The results will be combined to obtain the mark of the participants in each of the sections. The final mark for the on-campus period will be obtained by calculating the mean of the marks obtained in the various sections.

To obtain the Master’s Degree issued by the International University of Andalusia, participants must first pass the on-campus period and subsequently prepare and submit a final research project on one of the subjects included in the programme. Participants must pass the research project to obtain the UNIA Master’s Degree.

The research project must be completed and approved within a maximum period of 9 months after the end of the class sessions.

## 7. RESIDENCE SERVICE

The Antonio Machado Site has a university residence. Those who wish to choose this form of accommodation must apply for it at the Secretarial Office of the Antonio Machado Site.

The cost of accommodation in a shared double room for the duration of the on-campus period is 630€ per person.

## 8. INFORMATION AND REGISTRATION

Universidad Internacional de Andalucía

Sede Antonio Machado

Palacio de Jabalquinto

Plaza de Santa Cruz, s/n

23440 BAEZA (Jaén) SPAIN

E-mail: [machado@unia.es](mailto:machado@unia.es)

Http://www.unia.es

Telephone: +34 953 742775

Fax: +34 953 742975

More information is available from:

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