

E D U N A B I O

BIODIVERSIDAD

AGROBIODIVERSIDAD



- Foster aspects of biodiversity in higher education
- Improve the quality of education
- Strengthen the cooperation and academic exchange between institutions in Latin America and Germany
- Provide basis for further joint projects



- DAAD call Biodiversity
- Submission of 27 project proposals - Selection of 6 projects
- Financial support for 2014 and 2015
- Financial support for 2016 and 2017 upon the evaluation of the results of the first two years

Partner UR University of Rostock

Faculty of Agricultural and
Environmental Sciences (PD Dr. Bettina
Eichler-Löbermann, Prof. Ralf Uptmoor,
Prof. Konrad Miegel)

Faculty of Mathematics and Sciences
(Prof. Christian Vogel, Prof. Alfred Flint,
Prof. Peter Langer)

Faculty of Social Sciences and
Economy
(Prof. Nikolaus Werz)

Application and project management
e-learning modules, MOOCs
Quality management and Evaluation
Internet platform

Expertise:

Cropping systems

Molecular biology and breeding

Soil Science

Environmental factors

Special crops and plant ingredients

Chemistry/Organic chemistry

Didactic

Politics

Partners- task and expertise

Partner UG
Universidad Granma - Bayamo
(Cuba)

Faculty of Agriculture
(Prof. Raúl López, Dr. Quirino Arias)

**Opening workshop 2014 (together
with UCLV)**

Knowledge transfer

Expertise:

Cropping systems

Management of natural resources

Biochemistry

Partner UCLV Universidad Central de las Villas – Santa Clara (Cuba)

Faculty of Agriculture
(Dr. Andres Castro)

Faculty of Chemistry and Pharmacy
(Dr. C. Luis Bravo Sánchez)

Institute for Biotechnology
(Dr. Osvaldo Fernández, Dr. Daniel
Agramonte, Felipe Jiménez)

**Opening workshop 2014 – together
with UG**

e-learning

**Quality management and
Evaluation**

Expertise:

Cropping systems

Biotechnology

Endemic species and protection of
species

Naturopathy and medicine plants

Soil science

Partner ULP
Universidad La Plata (Argentina)

Faculty of Sciences, Department of
Ecology
(Prof. Santiago Sarandon)

Environmental education
Knowledge transfer and teacher
training
workshop 2017

Expertise:

Biodiversity in agro-ecosystems
Management of agro-ecosystems
Integrated plant protection
Indicators for sustainability

Partner CB Corpoica Bogotá (Colombia)

Center of Biotechnology
(Dr. Alba Marina, Dr. Martha Gómez, Dr.
Braulio Gutierrez, Laura Villamizar)

Internet-Platform

Field trip 2015

workshop 2015

Knowledge transfer

Expertise:

Biotechnology

Agroforestry

Mixed cropping systems

Microbiology and microbial diversity



Partners- task and expertise

Partner UNA
Universidad Nacional Agraria –
Managua (Nicaragua)

Department of Plant Production
(Dr. Carolina Vega)

Field trip 2016

Workshop 2016

Knowledge transfer

Expertise:

Biotechnology

Management of natural resources

External Partners:

EIA – Escuela Ingeniería de Antioquia (Adriana, Carlos Rodriguez)
– M.Sc. Biomedical Engineering

CES – Medellin (José Maya, Diego) – Topics: Environmental
engineering, Chemistry

CIAT Colombia – Palmira (Michael Peters) – Topic: Pasture and
fodder plants, Biodiversity

CIAT Nicaragua (Rein van der Hoek)

UNI Managua (Efrain Chamorro)- Topic: Environmental sciences

University Federal de Goiás (Wilson Mozena)– M.Sc. Biodiversity
and Environment

Master Study courses involved

- S1 Manejo sostenible de los recursos naturales (Universidad Granma)
 - S2 Ciencias Agropecuarias (Universidad Granma)
 - S3 Producción de medicamentos de origen natural (Universidad Central de las Villas)
 - S4 Biotechnología de las Plantas) (Universidad Central de las Villas)
 - S5 Protección Vegetal (Universidad La Plata)
 - S6 Agroecología (Universidad Nacional Agraria)
 - S7 Agroforestería tropical (Corpoica in cooperation with Universidad de Ciencias Aplicadas y Ambientales)
- Rostock – Producción de las plantas y medioambiente

Presentation of the Institutions

Nomination of „Agrobiodiversity Modules“ and responsible persons

Organisation of the academic exchange 2014

Design of the project homepage

Decision about the development of MOOCs

Planning 2015

Workshop proceedings with the presentations and the main outcomes of discussion

Collaboration in education

- Distribution of module contents between the partners
- English module contents
- Evaluation of study courses

Financial support for travels and academic exchange

- For senior scientist, PhD students and master students
- Research activities and partner institution
- Small equipment and services
- About 60 000 € per year

Increased visibility of institutions

- Official homepage of DAAD
- University of Rostock

Third party funds



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Successfull workshop 2014!

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