

CDB-COP 13

Biodiversity and Traditional knowledge

RCE Bogotá



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COORDINATOR**

**IDEA-Universidad Nacional de Colombia
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Colombia is located at the NW corner of South America, in the middle of the planet, on the Equator. Colombia shares the borders with 5 nations: Venezuela, Brazil, Peru, Ecuador and Panama.



Bogota is the capital of the Republic of Colombia, is located on the eastern mountain range to 2,600 meters above sea level. The eastern mountains are important elements of the identity of Bogotá. The city is also the most important cultural center of Colombia

➤ RCE Bogotá



- From the Thematic Network of Environmental Education- RCE Bogota, which is part of the Colombian Environmental Training Network-RCFA, which in turn is part of the Network of Latin American and Caribbean Training from PNUD, altogether have been working with more than 10 universities, educational institutions and NGOs for Sustainable Development in the Capital city.
- This same network applied to the United Nations University for the approval as a Regional Center of Expertise and Experiences in Education for Sustainable Development RCE- Bogota, and at the end of 2009, this approval was achieved.

RCE BOGOTÁ

**Reconocido por la UNU en Septiembre de 2009
Presentado en febrero de 2010 por el Dr. Charles
Hopkins- UNESCO**



INSTITUCIONES QUE HACEN PARTE DEL RCE

Bogotá



- **IDEA-Universidad Nacional de Colombia**
- **Universidad Pedagógica Nacional- UPN**
- **Instituto Pedagógico Nacional-IPN**
- **Universidad Santo Tomás- USTA**
- **Universidad de Ciencias Aplicadas y Ambientales UDCA**
- **Universidad Agustiniana**
- **Universidad Libre**
- **Universidad El Bosque**
- **Universidad Distrital Francisco José de caldas**
- **Instituto Pedagógico Arturo Ramírez Montufar**
- **Fundación ECONCIENCIA**

Biodiversity

- ❖ The geographical position in the Torrid Zone allows us to have the sun all year round and enjoy the different climates, with various ecosystems: from the moors to the desert, passing through the coasts and the jungle.
- ❖ Colombia is a country with great biodiversity, privileged in terms of natural wealth: it is the second richest country in species in the world, after Brazil, which has more species, but in a surface seven times greater.
- ❖ It is the first country in the world ranked in diversity of birds and orchids; the second country regarding to amphibians, freshwater fish and butterflies; the third country in diversity of reptiles and palms; and the fourth country in diversity of mammals.

Biodiversity

- ❑ To protect this biodiversity, Colombia has a National System of Protected Areas: the System of National Parks, which has 59 Natural Parks.
- ❑ From the RCE Bogotá we consider that ESD begins with the knowledge of the environment, its richness and potentialities, because what is not known cannot be appreciated or defended, and in this order of ideas, all our programs promote knowledge and appropriation of the natural and cultural diversity of our country.
- ❑ The greatest challenge for our country is to avoid the considerably increased deforestation, to which it was committed at COP 21.

Traditional knowledge

- Also Colombia has a big cultural diversity with more than 85 ethnic groups and more than 60 different languages, which also represents an environmental wealth. There is a special legislation in the country which protects the indigenous people and their traditional knowledge.
- The Ethnoeducation politic has as an objective, to situate the intercultural education in every school of the country, so that the students recognize the cultural diversity as a foundation of the nationality. The Ethnoeducation supports and promotes the education for ethnic groups.

Traditional knowledge



- ❖ According to the general law of Education, Biodiversity and Interculturality are taught through Environmental Education, which is obligatory in every Educational Institution that gives basic education in the country.
- ❖ From the RCE Bogotá and the Environmental Forums Programs background, which seeks to contribute to the civic culture in Colombia, we have realized several Forums opened to the citizenship, to introduce the importance of the natural and cultural Biodiversity of our country, as well as to promote the sense of identity, belonging, appreciation and respect to the traditional knowledge of the ethnic groups that exists in the country, which is also promote through the Educational Environmental Programs in some of the schools of the formal education.

Environmental Forums and Educational Conference EDS

To contribute to the EDS in Bogota, promoting daily practices environmentally friendly, looking for a cultural change towards sustainable lifestyle from 2009 to 2016

FOROS AMBIENTALES 2010

Diversidad Cultural y Natural

Organizan: RCE-BOGOTÁ Y RED TEMÁTICA DE EDUCACIÓN AMBIENTAL

FORO 01 Tema: La importancia de la diversidad cultural en Colombia.
Organiza: IDEA Universidad Nacional de Colombia.
Fecha: 25 de Marzo 2010
Hora: 3:00pm - 5:00pm
Lugar: Auditorio Instituto de Genética - Entrada calle 53 Universidad Nacional de Colombia

FORO 02 Tema: Hacia una cultura de la sustentabilidad empresarial e integración a la asamblea de la mesa de servicios ambientales.
Organiza: SENA Centro de Gestión Industrial.
Fecha: 30 de Abril de 2010
Hora: 9:00am - 11:00am
Lugar: Auditorio 4° piso torre oriental - Cll 15 N°31-42

FORO 03 Tema: La importancia de ser un país megadiverso, pluriétnico y multicultural, para apostarle al Desarrollo Sustentable.
Organiza: Fundación Escuela para la Sustentabilidad.
Fecha: 19 de Agosto 2010
Hora: 2:00pm - 4:00pm
Lugar: Auditorio Teresa Cuervo Borda Museo Nacional de Colombia.

FORO 04 Tema: Medicina tradicional, una mirada a la diversidad cultural y biológica.
Organiza: Universidad Colegio Mayor de Cúcuta.
Fecha: 10 de Septiembre 2010
Hora: 9:00am - 12:00pm
Lugar: Aula máxima Universidad Colegio Mayor de Cúcuta. Cll 28 N°6 - 02

FORO 05 Tema: Diversidad cultural y los proyectos ambientales escolares PRAES en lo urbano y lo rural.
Organiza: Universidad Libre - Sede El Bosque
Fecha: 24 de Septiembre 2010
Hora: 8:00am - 5:00pm
Lugar: Auditorio Facultad de Ingeniería - Cra 70A N° 53 - 40

FORO 06 Tema: Adaptación Cultural al Cambio Climático.
Organiza: Universidad Santo Tomás.
Fecha: 03 de Noviembre 2010
Hora: 4:00pm - 7:00pm
Lugar: Aula Magna "Raimundo de Peñafar" Cra 9A N° 75 - 90

En el marco de la Década de la educación para el desarrollo sustentable de UNESCO.

FOROS AMBIENTALES 2011

Participación Ciudadana

Organizan: RCE-BOGOTÁ Y RED TEMÁTICA DE EDUCACIÓN AMBIENTAL en el marco de la Década de la Educación para el Desarrollo Sustentable de UNESCO.

FORO 1 Organiza: Universidad El Bosque
Tema: "El ambiente necesita de la Participación de Todos"
Fecha: 27 de abril, 8 a 12 m
Lugar: Auditorio Principal Universidad El Bosque

FORO 2 Organiza: Universidad Piloto de Colombia
Tema: "Incidencia de la Participación Ciudadana en las Políticas Ambientales"
Fecha: 23 de agosto, 2 a 6 pm
Lugar: Auditorio Alfonso Palacio Ruda, Universidad Piloto, Carrera 9 N. 45A -44

FORO 3 Organiza: Universidad Santo Tomás
Tema: "Construcción Participativa de PRAES y PROCEDAS"
Fecha: 5 de octubre, 2 a 6 pm
Lugar: Aula Magna El Aquinate, Calle 63 Carrera 8

FORO 4 Organiza: Universidad Colegio Mayor de Cúcuta
Tema: "La adopción de ejemplares vegetales, como estrategia de Participación Ciudadana"
Fecha: 12 de octubre, 8am a 8pm
Lugar: Auditorio de la Universidad Colegio Mayor de Cúcuta

FORO 5 Organiza: Universidad Distrital Francisco José de Caldas
Tema: "Participación ciudadana y Educación Ambiental"
Fecha: 28 de octubre, 2 a 5 pm
Lugar: Auditorio Sábalo Caldas, Carrera 8 No.40-58

FORO 6 Organiza: Universidad Libre
Tema: "La Educación Ambiental y la Participación Ciudadana en las decisiones que afectan el Ordenamiento Territorial"
Fecha: 3 de Noviembre, 8 a 4 pm
Lugar: Auditorio Ingeniería, Universidad Libre.

RCE Bogotá y
RED TEMÁTICA DE EDUCACIÓN AMBIENTAL

Foros Ambientales 2012

En el marco de la década de la Educación Para el Desarrollo Sostenible liderado por la UNESCO.

1. Foro "Derecho Humano al agua"

Coordinación: Universidad El Bosque
Fecha: 16 de mayo, 9:00 a.m.
Lugar: Auditorio Central,
Universidad El Bosque, Bogotá.

2. I Encuentro de Saberes Ambientales y II Jornada Pedagógica de Educación Ambiental

Coordinación: Universidad Distrital Francisco José de Caldas
Fecha: 01 de junio, 8:00 a.m.
Lugar: Auditorio Sabio Caldas, Sede Central Universidad Distrital (Cra. 8 No. 40 - 62), Bogotá.

3. Foro "Derechos Humanos y Desarrollo Comunitario Sostenible"

Coordinación: Fundación ECONCIENCIA
Fecha: 30-31 de agosto
Lugar: Restrepo, Valle del Cauca.

4. Foro "Población y Derechos Humanos, un reto para la Educación Ambiental"

Coordinación: Universidad Pedagógica Nacional, Instituto Pedagógico Nacional
Fecha: 26 de septiembre, 9:30 a.m.
Lugar: Sala Francisca Radke, Instituto Pedagógico Nacional, Bogotá.

5- Foro "Derechos Humanos y Sustentabilidad"

Coordinación: Universidad Santo Tomás
Fecha: 12 de septiembre
Lugar: Aula La Independencia, Universidad Santo Tomás, Sede El Aquinate. (Carrera 9A No. 63-88) Bogotá.



POBLACIÓN Y DERECHOS HUMANOS



Organiza: Red Temática de Educación Ambiental, RCE Bogotá.
FOROS AMBIENTALES 2013
 Ética y valores para la sustentabilidad.



FOROS

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| <p>1 Foro "Las relaciones Universidad Empresa, una estrategia para la formación en Desarrollo Sostenible"
 Fecha: Abril 24 de 2013 de 5 a 9 pm
 Lugar: Auditorio Mariano Alvear, Universidad San Martín
 Coordinación: Universidad San Martín</p> | <p>2 Foro "La Ética Ambiental y los conflictos Ambientales" Lanzamiento Cátedra Mora Osejo RCE- Ministerio de Ambiente y Desarrollo Sostenible
 Fecha: Junio 5 de 2013 de 8 a 12m
 Coordinación: Red de Educación Ambiental-RCE Bogotá</p> | <p>3 Foro "La dimensión Ética y Ambiental en Educación Superior"
 Fecha: Agosto 28 de 2013 de 9am a 1pm
 Lugar: Auditorio Central
 Coordinación: Universidad El Bosque</p> |
| <p>4 Foro "Ética y Valores Comunitarios para la Sustentabilidad"
 Fecha: Septiembre 12 y 13 de 8am a 6pm
 Lugar: Auditorio Y quinde, Facultad de Ciencias Básicas UAO
 Coordinación: ECONCIENCIA y Universidad Autónoma de Occidente</p> | <p>5 Foro: "Formación y Gestión Ambiental Universitaria con Responsabilidad Social"
 Fecha: Octubre 17 de 2013 de 8 a 12 m
 Lugar: Paraninfo de Ingeniería Bloque B Cra 70 No. 53 - 40.
 Coordinación: Universidad Libre</p> | <p>6 Foro "La Ética Ambiental en el mundo globalizado de hoy"
 Fecha: 30 de Octubre 2013 de 9 a 1pm
 Lugar: Sanztena de la Universidad Santo Tomás, sede calle 51
 Coordinación: Universidad Santo Tomás</p> |



FOROS AMBIENTALES 2016

Ministerio de Ambiente y
Desarrollo Sostenible y la
Red Temática de Educación
Ambiental - RCE Bogotá

1- Estilos de vida Sostenibles

Organiza: Universidad El Bosque
Fecha: 25 de febrero de 7 a.m. a 12:30 p.m.
Lugar: Auditorio Central Universidad El Bosque

2- El Papel de la Academia en la sustentabilidad. Una mirada desde la responsabilidad con la Sociedad y la Naturaleza

Organiza: Universidad Agustiniana
Fecha: 19 de septiembre de 8 a.m. a 12 m.
Lugar: Auditorio Universidad Agustiniana, carrera 86 con calle 11, Bogotá, D.C.

3- Pedagogía de la Paz y el Ambiente

Organiza: Universidad Libre, Sede Bosque Popular
Fecha: 28 de Septiembre de 8 a.m. a 2 p.m.
Lugar: Auditorio Central Universidad El Bosque

4- Gobernanza y Cultura del Agua, una visión Institucional

Organiza: Ministerio de Ambiente y Desarrollo Sostenible
Fecha: 13 de octubre de 9 a.m. a 12 m.
Lugar: Auditorio Bloque C, Universidad Libre, Sede Bosque Popular

5- Experiencias de liderazgo juvenil en Educación y Gestión Ambiental

Organiza: Ministerio de Ambiente y Desarrollo Sostenible y Universidad UDCA
Fecha: 4 de noviembre de 8 a.m. a 12 m.
Lugar: Auditorio UDCA, Avenida Boyacá con calle 66, Bogotá, D.C.



Memories of Environmental Forum and Educational Seminars, published in digital books which are on the web from 2009 to 2014

✓ BOOK 1 URL

http://issuu.com/red_educacion_ambiental/docs/memorias_educacionambiental_libro1

BOOK 2 URL

✓ http://issuu.com/red_educacion_ambiental/docs/memorias_educacionambiental_libro2-

✓ BOOK 3 URL

http://issuu.com/red_educacion_ambiental/docs/memorias_foros-ambientales
2013-2014

This program was awarded at the RCE Conference in Nairobi in 2013



CONTRIBUTIONS OF ENVIRONMENTAL FORUMS



This program has also managed to contribute the construction of a citizens' environmental awareness through the disclosure of issues affecting the daily lives of people, and that can bring changes for a sustainable lifestyle, such as: Recycling, Responsible Consumption, Urban Agriculture Water Care, Clean Technologies, knowledge and protection of the moors, the importance of natural and cultural diversity, Environmental Ethics, all of which are part of ESD.

GAP action area 5 working with communities for EDS, and Goals area 11 Sustainable Cities and Communities

PROJECT

URBAN AGRICULTURE



The project involves asking students at the beginning of the course to plant seeds of vegetables in the yard of their home or in suitable container in their apartments, such as lettuce, carrots, tomatoes, celery, onion and garlic among others, and take care of them during the necessary time, watering them with clean water, fertilizing them with compost and avoiding the use of agrochemicals.

PROJECT URBAN AGRICULTURE



Students will regularly report progress, and once the crop is ready for harvest, it is organized a meeting where each student carries their products and those exchanges with others and says their difficulties and achievements in the process of organic farming.

This project aims the linking and mobilizing the RCE Bogota Youth Network for them to be multipliers in their homes, schools and Universities for Sustainable Lifestyles

The Project deals with the importance of having a sustainable lifestyle, through training and education in environmental values and the need to implement processes for achieving a healthy diet , chemical-free and low in carbon emissions. It seeks to recover traditional knowledge and practices in relation to food and native crops with high nutritional value. The project fosters changes on the students daily life throw a simple practice that can have a big impact and to contribute to healthy eating and sustainable low-carbon Sustainable Lifestyles in the city.

These projects is enrolled in GAP action area 5: “Accelerating sustainable solutions at local level”, working with communities for EDS, and also in the action area 4: “Empowering and mobilizing youth” and Goals area 12 “Responsible Consumption and Production ”

Cultural Diversity “Knowledge Dialogue”

From IDEA-UN and Bogotá RCE we are developing a research with the Pasto indigenous community, located at the south of Colombia, in order to see how the climate change is affecting food security, the mother land and culture of the indigenous population. This qualitative research explores a case study on the recovery of traditional knowledge regarding the ancestral and indigenous chagra and minga.

It is very important to disclose these practices, knowledge and strategies from the perspective of indigenous tradition in the Latin American context, these practices point out to different ways of relating to the environment, preserve biodiversity and provide inspiration to respond jointly and properly to the global issues we face currently.



Cultural Diversity “Knowledge Dialogue”



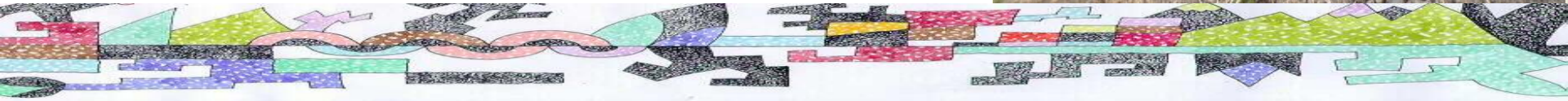
Cultural Diversity “Knowledge Dialogue”

This project helps to the eradication of poverty and climate change mitigation. This could happen through facilitating that families indigenous who participate in the project may have a healthy food, with native products such as quinoa, free of agrochemicals, in a time where due to climate change food shortage occurs.



Cultural Diversity “Knowledge Dialogue”

The Chagra, defined as the sacred space where harmony and life is preserved, is a model and representation of positive values of generosity, solidarity, respect, love, among others. Inside Chagra there is collective work of Minga, bonding among all family members, and families. The Chagra is a waiver of healthy food, grown with love and great care.



Cultural Diversity

“Knowledge Dialogue”

The need to spread the recognition, respect and intercultural assessment as contributions to a more inclusive education, peace and coexistence in a world marked by so many intolerances and ongoing conflict is a fundamental task for Environmental Education for Sustainable Development in the formation of the citizens of tomorrow and may be one of the fundamental purposes of the RCE Network that have great cultural diversity, as a concrete contribution to the Global Action Programme (GAP)

These RCE Bogota projects are in line with the Sustainable Development Goals: 10 “Reduced Inequalities” in the Global Action Programme (GAP) action area 5 “Accelerating sustainable solutions at local level”





Thank you very much