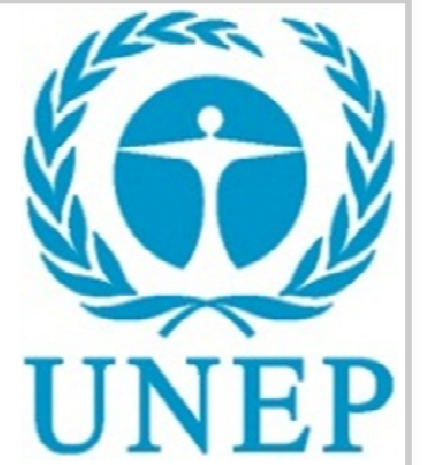




Global Universities Partnership on Environment and Sustainability (GUPES)



Instituto Tecnológico de Santo Domingo (INTEC)



The **Technological Institute of Santo Domingo (INTEC)**, Spanish Acronym) is a private, nonprofit, public purpose university, founded in October 1972, to contribute to the social transformation of the Dominican Republic, the continued promotion of the quality of life of its people and the preservation of its moral and material for improved bequeath to the generations to come, through higher education, the development of culture, research and scientific and technological dissemination.

Mission

To form competitive professionals internationally, critical, creative, with social responsibility and with capacities of bring to the necessary transformations of the Dominican Republic society of face to global challenges, and contribute to national development already their competitiveness scientific-technological, through of actions teachers, research and extension.

Education

Undergraduate

Since 1982, following a curriculum reform, INTEC incorporated environmental issues into their curriculum in all the undergraduate programs, through the course Human and Nature and Natural Sciences electives courses: Environmental Impact Assessment, Environmental Education, Ecology, Introduction to Biogeography, Introduction to Dominican Fauna, Introduction to Geographic Information Systems, Introduction to Environmental Management and Pollution.

Graduate

In 1987 the Specialization in Environmental Education began and have graduated 102 students in seven rounds. In 1997 the Master in Environmental Sciences started with four mentions: Environmental Management, Environmental Education, Natural Resource Management and Coastal and Marine Ecosystems. We have conducted six rounds and graduated 50 Magisters. Currently we are imparting the seventh rounds.

Master in Environmental Engineering began in 2001. Seven rounds have been held and graduated 44 specialists. Currently imparting the eighth round.

In 2006 the Specialty and Master in Renewable Energy Technology started. Three groups have given and eight graduates.

Currently we are designing a doctoral program in Environmental Sciences in collaboration with the Institute of Technology and Applied Sciences (INTEC, Spanish Acronym) from Cuba.

Training

- Climate Change Adaptation 192 hours training
- Geographic Information Systems 40-hour short course
- Risk Management training
- Production of activated carbon from coconut shell and bagasse
- Chemical and bacterial contamination of Ozama and Isabela rivers in Santo Domingo
- Land use and environmental pollution central suburbs neighborhoods of Santo Domingo city
- Development of the National Plan turtles Management
- Formation of a multidisciplinary team for the management of watersheds and tropical phenomena in the Caribbean
- Implementation of cleaner production in enterprises SMEs
- Environmental and social implications of the growth of Lago Enriquillo
- Development of an environmental tariff on water in the Yaque del Norte Model Forest, Dominican Republic
- Promoting Payments for Environmental Services Scheme through the Economic Valuation of Water Resources in the Quita Espuela and Guaconejo Scientific Reserves, Dominican Republic
- Mangrove Forest and Salt marsh communities: current status vegetation conservation and management proposal

Networking

In 2011 INTEC initiated the formation of a network with all the higher education institutions in the Dominican Republic about environmental issues and sustainable development. Thereby arises Environmental Network of Dominican Universities (RAUDO, Spanish Acronym) in February 2012. Currently, this Network has 16 universities from the whole country.

Also, the INTEC is part of the following networks:

- Alliance of Ibero American Networks of Universities for Sustainability and Environment (ARIUSA, Spanish Acronym)
- Global Universities Partnership on Environment and Sustainability (GUPES).
- Inter-American Organization of Universities (OUI, Spanish acronym)
- Consortium for Hemispheric Cooperation in Research and Education in Engineering and Applied Science (COHEMIS, Spanish acronym)
- Union of Universities of Latin America (UDUAL, Spanish acronym)
- Science Technology and Innovation Pole Northwest Santo Domingo
- Water Center for the Humid Tropics of Latin America and the Caribbean (CATHALAC, Spanish acronym)
- Interuniversity Centre for Development (CINDA)
- Consortium for North American Higher Education Collaboration (CONAHEC)

Greening Campus

- Collection program for recycling waste paper
- Vessel design to separate waste at source
- Recycling of plastic bottles
- Installation of high-efficiency air conditioning
- Control of waste water in bathrooms and gardens
- Planting Bamboo trees for noise mitigation

Contact details

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