

INNOVATIVE TECHNOLOGIES PROMOTED IN MEXICO BY ECOSUR – EL COLEGIO DE LA FRONTERA SUR

The [Colegio de la Frontera Sur ECOSUR of México](#) has recently published on its web site [11 brochures for the dissemination of innovative technologies](#) produced by different Departments of the Research Centre.

The brochures are diffused both in printed version and online by the *Dirección de Vinculación* of ECOSUR in order to offer producers, companies and other territorial actors where the Research Centre operates all relevant information to adopt these innovative technologies in view of improving local production in a perspective of sustainability.

Each information sheet presents the problem to be addressed, the advantages gained by the use of the innovative technology and its functioning, the territorial actors potentially interested and contact details to establish technology transfer collaborations with the *Dirección de Vinculación* and the respective Research Departments involved.

[The ECOSUR web site presents the brochures of the following technologies:](#)

- Portable methane and CO2 analyser - Department of Biodiversity Conservation
- Mycorrhizal bio-fertilizers - Department of Sustainability Sciences
- Production of the Chivita snail culture - Department of Aquatic Ecology and Systematics
- Pasteurization of the mushroom growing substrate - Department of Sustainability Sciences
- Enzymatic Technologies for the degradation of scraps - Department of Sustainability Sciences
- Ecological Control of the Cogollero Worm of the Corn - Department of Agriculture, Society and Environment
- Laboratory for the characterization of differentiated honeys - Department of Agriculture, Society and Environment
- Mini-compost device - Department of Agriculture, Society and Environment
- Self-inoculating devices for *Beauveria Bassiana* (fruit fly) - Department of Agriculture, Society and Environment
- Information system for the management of organic certification - Department of Infonomy
- SABI Low intensity Aquaponic System - Department of Sustainability Sciences.

The [Colegio de la Frontera Sur \(ECOSUR\)](#) is a public Centre of scientific research belonging to the research system of CONACYT (National Council of Science and Technology). ECOSUR aim is to contribute to sustainable development of the southern border of México, Central America and the Caribbean



through the generation of knowledge, the human resources training and the relationship with social and natural sciences. ECOSUR has five Units located in four States of the Maya region of México: Campeche, Chiapas, Quintana Roo, and Tabasco.

In particular, to contribute to the sustainable development of the south-eastern region of México, Central America and the Caribbean, the ECOSUR academic community with its different specialized Departments and through the *Dirección de Vinculación* provides consultancies and technical assistance for the transfer of science and technology, and for the construction of participatory action research processes.

ECOSUR implements and supports actions of basic and applied scientific research in issues that enhance sustainable development, giving special relevance to its environmental, economic, productive and social implications. It develops technologies and defines strategies able to contribute to social wellbeing, biodiversity protection, the rational, efficient and sustainable use of natural resources and in general to sustainable development.

Through its website and its [online magazine Ecofronteras](#) ECOSUR offers a wide choice of articles on the aforementioned topics to a national and international public.

The technological innovations created by the specialized Departments and published on the ECOSUR website respond to specific priorities identified in the region where the Centre operates. Nevertheless, these innovations can be relevant for other territories with the same problems and in the brochures the interested actors are invited to contact the *Direction of Vinculación* to establish exchanges and possible collaborations.

To know more

[Desarrollos tecnológicos in ECOSUR website](#)

[ECOSUR website](#)

[Folleto Institucional de ECOSUR](#)

[ECOSUR a Puertas Abiertas](#)

[Revista Ecofronteras de ECOSUR](#)

[ECOSUR in Conacytprensa.mx website](#)

[ECOSUR in comeonso.com](#)

