

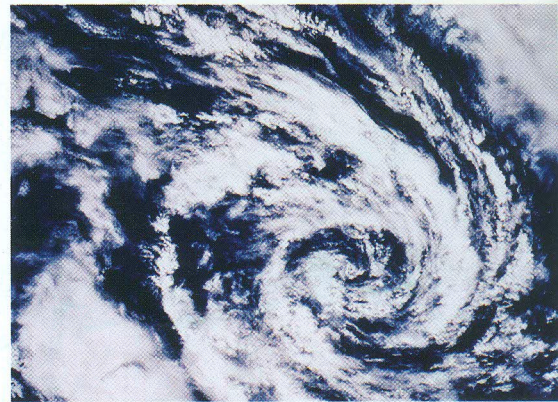
# Climate Change & Environmental Management Symposium

29 - 30 November 2010 **MÉXICO CITY**

The Role of Universities in Climate Change Adaptation and Mitigation  
Action, and Sustainable Environmental Protection Responses

## TOPIC AREAS INCLUDE

- Climate Change Adaptation and Mitigation
- Building Capacity for Environmental Management Research and Applied Projects
- Water Management Approaches in an Era of Climate Change
- Sustainability Indicators for Cities: Planning Sustainable Cities
- Environmental Engineering Applications and Environmental Management Solutions
- Clean Technology Research and Industry Applied Projects



## SUPPORTING SPONSORS INCLUDE





14:45 - 16:50	<p><b>Session 2</b> -Building Capacity for Environmental Management Research and Applied Projects</p> <p><b>Session Chair opening comments.</b></p> <ul style="list-style-type: none"> <li>• <b>Presentation 1</b>- Bioresources Program at CIBE-ESPOL: Its Potential for National Development and Climate Change Adaptation Dr Esther Lilia Peralta, Escuela Superior Politecnica del Litoral (ESPOL), Ecuador</li> <li>• <b>Presentation 2</b>- Study of Microbial Diversity in Air Samples in Two Locations of Bogotá - Colombia Mtra. Nádénka Beatriz Melo Brito, Universidad Distrital Francisco Caldas, Colombia Ms. Olga Sofía Sánchez García, Universidad Distrital Francisco Caldas, Colombia</li> <li>• <b>Presentation 3</b> - Sustainable Development in the North Border of Bogotá - Colombia Ms. Jessica Zapata Jiménez, Universidad Francisco José Caldas, Colombia Mr Raúl Ignacio Moreno Ramírez, Universidad Francisco José Caldas, Colombia</li> <li>• <b>Expert Discussion Panel</b> : Creating Opportunities for Climate Change and Environmental Management Research and Applied Projects. Panel Chair : Hon Rachmat Witoelar Panel Members include: Dr Henri Bastaman, Dr Blanca E Jimenez Cisneros, Dr Mauricio Alcocer Ruthling, Dr Peter Davey, Dr Víctor Hugo Hofmann Aguirre, Assoc. Prof. Margaret Greenway</li> </ul>	<b>Auditorium Nabor Carillo</b>
16:50 - 17:00	<b>Q&amp;A session</b>	<b>Auditorium Nabor Carillo</b>
17:00 - 17:05	5 Minute Break	
17:05 - 18:10	<p><b>Session 3</b> -Water Management Approaches in an Era of Climate Change</p> <p><b>Session Chair opening comments.</b></p> <ul style="list-style-type: none"> <li>• <b>Presentation 1</b>- Water Management in an Era of Climate Change Dr Blanca E Jimenez Cisneros, UNAM, México</li> <li>• <b>Presentation 2</b>- Management and Technological Alternatives to Promote Productivity in the Mexican Agricultural Sector Dr María del Pilar Longar Blanco, Instituto Politecnico Nacional, México</li> <li>• <b>Presentation 3</b> - Effect of Climate Change on the Mosquito Vectors Prof. K. Murugan Kudarkaraj, Bharathiar University, India</li> </ul>	<b>Auditorium Nabor Carillo</b>
18:10 - 18:20	<b>Q&amp;A session</b>	<b>Auditorium Nabor Carillo</b>
18:20 - 18:30	Transfer to Cocktail venue by bus provided by UNAM	
18:30 - 20:30	<p><b>Cocktail and Networking Function:</b></p> <p>Brief Welcome Speech by Australian Ambassador to México Ms Katrina Cooper</p> <p>Brief Welcome Speech by Hon Rachmat Witoelar Executive Chair of Indonesian National Climate Change</p>	<b>Museo Universitario Arte Contemporaneo (MUAC)</b>
20:30	Transfer back to Auditorium Nabor Carillo bus provided by UNAM	



**Presentation**

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**Presenter  
Author****Dr María del Pilar Longar Blanco - México**

Instituto Politecnico Nacional, México.

**Title****Management and Technological Alternatives to Promote Productivity in the Mexican Agricultural Sector****Abstract**

In the rural environment, crops adaptation to humidity conditions, transpiration and use of water, as well as the resistance to insufficiency and response to an extreme deficit or "stress", has been reduced in certain cases in specific geographical regions in which agricultural biotechnology has contributed in the selection of crops methods with a more efficient use of water. The objective of this research was to promote and establish an agricultural production model able to provide enough quality food for the whole year for self consumption; as well as to have surplus for additional income that would translate into health and welfare for the participating families in the rural community of San Antonio de Coayuca, Chietla town hall in the state of Puebla, part of México.

**Dr María del Pilar Longar Blanco**

Doctor in Science (Biology), from the Science Faculty of UNAM, Dr Longar Blanco has vast work experience in developing research in applied science through productive projects in the rural field; caring about environmental, social, economic, and technological issues. Head Research Professor and Collegiate and Coordinate Professor of Economic, Management and Social Research Center EMSRC (CIECAS) – National Polytechnic Institute NPI (IPN) on the Environment Institutional Web REDMA. Dr Longar Blanco teaches Masters subjects and is a Student advisor and Director of P.D. degree. Main Research Director of scientific projects funded by SEP, CONACYT, CONABIO; 3 students of PIFI participate, and professors and researchers from IPN and the Geography Institute of UNAM, to name a few.

One of the founders of the National Program to Control the African Bee in México PNCAA (SAGARPA). In the IPN, takes part of CONACYT's National System of Researchers, is part of SIBE from COFAA and to the Program of Encouragement for the Researchers Performance. She has indexed publications in national and international levels; as well as in popular science magazines, on line, and others. She has also undertaken research in the USA: Long Wood Gardens, Morris Arboretum, Chanticleer Garden, Penn University, Villanova University, Philadelphia, American Museum of Natural History, Brooklyn Botanic Garden, NY, creating links of knowledge and work groups on a national and international level.