



Science without borders:

Improving impact by interlinking
gender, geographic, disciplinary
and educational dimensions.

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The following texts were selected in a Call for Proposals by the Gender Summit 8 Regional Committee for inclusion in the Proceedings. The key selection criteria were the closeness of the research subject matter to the content of the Programme of the GS8 North & Latin America and overall interest of the topic.

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"As a Gender Summit supporter and as a representative of the Mexican National Council for Science and Technology (CONACYT) I would like to thank you for the wonderful experience we had hosting this important event in Mexico City, where



we welcomed people from 24 different nations. The GS8 was the first, of hopefully many more editions, adding the Latin American voice and particularly a



Mexican perspective to the Gender Summit movement. Within our theme, 'Science without borders: Improving impact by interlinking gender, geographic, disciplinary and educational dimensions', we addressed issues that affect everyone everywhere, but in many different ways. We must work together to find creative and innovative solutions to our common problems. The Gender Summits gather us to share knowledge and best practices with a gender perspective. 'Conocimiento que transforma' is our motto in CONACYT, and it means that knowledge is powerful tool for transformation. Through science, we can transform our reality and our environment in a way that benefits us all. We are living difficult times that demand more from us. An inclusive science must and can be the answer to many of the challenges that our generation is facing, and will be the only answer to the challenges that will face future generations building a sustainable world. We send you many regards from this part of the world and wish you the best!".

Dr Julia Tagüeña, Deputy Director General of Scientific Development, National Council of Science and Technology (CONACYT), Mexico.

Gender and Climate Change

- o Women's Adaptation to Climate Change in Home Gardens in San Ignacio, Sonora, Mexico - **Stephanie Buechler**
- o Inclusion of rural women in adaptation and mitigation strategies to climate change, in Mexico - **Beatriz Martinez-Corona**

The costs of women under-participation in STI: evidence from Latin America

- o Entrepreneurship Gender Gaps in Chile **D. Cuberes and M. Teignier**

Women and outer space

- o Highlighting Women in Space **Lourdes García-Hernández**

Sex and gender knowledge improving water management

- o Women as heads of the house and water for household use: a case study in the municipality of Berriozabal, Chiapas - **Verónica Gutiérrez Villalpando, María del Rosario Ayala Carrillo, Benito Salvatierra Izaba, Emma Zapata Martelo y Austreberta Nazar Beutelspacher**

The Power of Research Networks

- o Mexican Network on Science, Technology and Gender (MEXCITEG)- **N. Blazquez Graf, L. Fernández Rius and L. Meza-Montes**

- o Thirty years after the beginning of the movement of gender and science in México: Advances and perspectives - **E. Martha Pérez Armendáriz, Lena Ruiz Azuara, María Valdés Ramírez, Margarita Rosado, Martha Takane, M. Antonieta Pérez Armendariz, Gabriela del Valle, Isaura Meza**

Sex and gender knowledge driving Sustainable Development

- o Poverty and gender: environmental sustainability in conservation soil, south of Mexico City - **Irma Escamilla-Herrera, Flor M. López, Clemencia Santos Cerquera**
- o Gender Perspective for Sustainable Development in Protected Natural Areas (PNA) - **Magdalena Lagunas-Vázquez, Luis Felipe Beltrán-Morales and Alfredo Ortega-Rubio**
- o Enablers and disablers of women to access board positions - **A. Moyano**
- o Digital education as a support for economic inclusion of gender in Mexico: #ContICgo - **S. Rodríguez, A. Becerril**

Starting a career in Exact Sciences: How to promote the participation of women?

- o INCURSION OF WOMAN IN THE INDUSTRIAL CONTEXT - **M.B. Becerra, M.G. Cervantes, A. Hernández, A.A. Franco and P.G. Becerra**
- o Increased participation of women in medical education - **A Hernández-Ramos**

Inclusion of rural women in adaptation and mitigation strategies to climate change, in Mexico

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Keywords: gender-environment, rural women, vulnerability, technological innovation, methodological strategy

Recent studies have estimated the extent of gender differences in the living conditions of vulnerable rural women in Mexico, who are at a disadvantage in relation to the effects of climate change [1]. This vulnerability is increased by institutional boundaries, failure in the diffusion and production of knowledge, lack of access to information, resources for technological innovation and programs for adaptation and mitigation of climate change. It is necessary to generate and disseminate strategic and methodological elements of successful experiences to promote access of rural women to resources and technological and social innovation, adaptation and mitigation of climate change, vulnerability reduction through empowerment of women's groups for local development. Results of an experience of technological and social innovation with women's groups are presented.

1. Relevance

Gender problems affect rural women living in Mexico, in addition to the effects of environmental degradation and climate change. This has been identified in investigations based on critical feminist political ecology positions examined from the perspective of gender and environment [2]. This perspective places the power relations between men and women as constraints on access, use, management and control of resources, identified as central variable in the ways that social groups access and control natural resources differentially. Ecological, economic and political aspects are considered in the analysis of materials and structural relationships of gender relations and the environment, which allows for the detailed study of differences and divisions in the activities, responsibilities and rights associated with the use and management of natural resources.