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**Yeosu 2021**  
Quinta Conferencia Internacional  
de Ciudades del Aprendizaje

# Mexico City: Initiatives to overcome the challenges of resilient and learning cities

Ofelia Angulo - Guerrero



# Mexico City: Initiatives to overcome the challenges of resilient and learning cities

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# OUTLINE

- I. **ECOS NETWORK OF UNIVERSITIES, RESEARCH CENTERS AND NATIONAL HEALTH INSTITUTES**
  
- I. **TASK FORCE OF RESILIENT UNIVERSITIES: ECOS NETWORK GROUP**
  
- I. **HIGHER EDUCATION COVERAGE IN CLIMATE CHANGE PROGRAMS**

# ECOS NETWORK OF UNIVERSITIES, RESEARCH CENTERS AND NATIONAL HEALTH INSTITUTES. [redecos.cdmx.gob.mx](http://redecos.cdmx.gob.mx)

Activities	Responsable
Members of the Network	UNAM; UAM; IPN; Cinvestav; COLMEX; CIDE; TecNM; IBERO; ITESM; INCMNSZ; INMEGEN; ANAHUAC; LA SALLE; PANAMERICANA; INGER; IN REHABILITACIÓN; FLACSO; UVM.
Main Topics of interest	Social Security; Education; Sustainability; Science and Society; Health Sciences; Technology and innovation.
Task Force Subjects	Resilient universities; Sismic Information Network; Innovation in education; open innovation; electromobility; environmental services; inclusive public policy; water and food sustainability, among others.

# TASK FORCE OF RESILIENT UNIVERSITIES

- Actions to be followed in case of seismic activities during the COVID-19 pandemic.
- Practical guidelines for opening academic activities.
- Radio Communication through higher education institutions about COVID-19.
- Acting protocols in case of multi-emergency contingency.

# Further actions in Climate Change and Educations



- Climate change Culture and Science in all levels of Education (Mario Molina Center).
- Environmental Education in Higher Education Institutions (National Polytechnic Institute).
- Environmental awareness for Public Policy Makers (Public Administration School)

# Further actions in Climate Change and Educations



Volcanic soil preparation for food production.

Integral socioecological biosystems Management.

The Chinampas food production to incentivize the economy.

Circular Economy, reintroduction of wild endemic animals.

Agrovoltaic technology for food production in México City.



# SOLAR CITY: A STRATEGY TO BECOME ENERGY SUSTAINABLE

Solar Energy with photovoltaic roof in **300 public buildings**.

Solar energy for **MSMEs** (400 + 240 nixtamalization mills).

Water solar heating in more than **150K homes**.

Directory of certified technicians to install solar pannels in homes, MSMEs and public buildings (**1000**).



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## Rosario Castellanos University:

Bachelors on: Environmental Sciences; Economy and Sustainable Development

Master's degree on Climate change and Biodiversity

Doctorate degree on Sustainability

Important increase of HE coverage: almost 30K new students



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# Electric Public Transportation: Light Rail, Biofuel production



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# Thank you

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