



ZAMBRANO  
FOUNDATION, INC.



# **Consequences of the Fall: Energy Security, Sustainable Development and Global Warming in the Second Decade of the Twenty-First Century**

**OCTOBER 27<sup>TH</sup>-29<sup>TH</sup>, 2016**

**UNIVERSITY OF MIAMI  
AND  
FLORIDA INTERNATIONAL UNIVERSITY**

## **Program**

**October 27, 2016**  
**Day 1**  
**Multipurpose room**  
**University of Miami Newman Alumni Center**  
**6200 San Amaro Dr. #200**  
**Coral Gables, FL 33146**

**Hydrocarbons**

- 8:30-9:00am** Coffee and registration
- 9:00-9:30am** *Introductory Remarks*  
Julio Frenk, President, UM  
Bryan Page, Director, INS Interdisciplinary Program, UM  
Dina Moulioukova, PhD Candidate, Department of International Studies, UM  
Bruce Bagley, Professor, Department of International Studies, UM
- 9:30-11:30am** *Panel 1: Consuls General Climate Change Round Table Discussion*
- 11:30-12:00pm** Break
- 12:00-1:00pm** *Panel 2: Energy Producers North America*  
*United States:* Edward Glab, Professor, FIU  
*Global Outlook after the Fall:* Susan Purcell, former Director UM Center for Hemispheric Policy  
Moderator: Frank Mora, Director, Kimberly Green Latin American and Caribbean Center, FIU
- 1:00-1:30pm** Lunch
- 1:30-2:30 pm** *Panel 3: Perceptions on Hydrocarbons*  
*Why do People Reject Scientific Consensus: the Case of USA?:* Joseph Uscinski, Professor, UM  
*Public Perceptions and Technology Acceptance of CCS:* Caitlin Augustin, PhD Candidate, The Rosenstiel School of Marine and Atmospheric Science, UM  
Discussant: Bruce Bagley, Professor, Dept. of International Studies, UM  
Moderator: Dina Moulioukova, PhD Candidate, Department of International Studies, UM
- 2:30-3:00 pm** Break

- 3:00-4:30 pm**      ***Panel 4: The Impact of Low Energy Prices on Latin America & the Caribbean***  
***Caribbean Energy Security: Targets and Roadmaps:*** Anthony Bryan, Professor, University of the West Indies  
***The Three Amigos: the Future of Energy Relations within NAFTA:*** Betty Horwitz, Independent Researcher  
***Argentina and its Oil Sector:*** Sebastian Cutrona, Visiting Professor, De Rioja University & Khatchik Der Ghougassian, Professor, San Andres University  
***Colombia:*** Jonathan Rosen, Research Scientist, Jack D. Gordon Institute, FIU; Bruce Bagley, Professor, Department of International Studies, UM  
Discussant: Moderator: Frank Mora, Director, Kimberly Green Latin American and Caribbean Center, FIU  
Moderator: Brian Fonseca, Director, Jack D. Gordon Institute, FIU
- 4:30-5:30pm**      Keynote Address.  
Daniel Restrepo, Sr. Fellow, Center for American Progress and Former NSC Sr. Advisor for Latin America
- 5:30-7:00pm**      ***Panel 5: The Impact of Low Energy Prices on Europe, Russia and Mediterranean***  
***The Politics of Renewables:*** Maxime Larive, Associate Director European Union Center, University of Illinois  
***After the Fall of Oil: Russia's Great Power as a Relative Concept:*** Lilia Arakelyan, PhD, UM  
***Resilience of Russian Regime in the Context of the Fall in Energy Prices:*** Dina Moulioukova, PhD Candidate, Department of International Studies, UM  
***Impact of Low Energy Prices and Eastern Mediterranean and Arabic Peninsula:*** Herbert Reginbogin, Independent Researcher  
Discussant: Markus Thiel, Director, Miami Jean Monnet Center of Excellence, FIU  
Moderator: Suzanne Loftus, PhD Candidate, UM
- 7:00-9:00 pm**      Welcome Reception

**October 28, 2016**  
**Day 2**  
**MARC Pavilion**  
**Florida International University**

**Renewable Energy & Sustainability**

<b>8:00-8:30am</b>	Coffee
<b>8:30-9:00am</b>	<p><b><i>Introductory Remarks</i></b></p> <p>Mark B. Rosenberg, President, FIU Frank Mora, Director, Kimberly Green Latin American and Caribbean Center, FIU</p>
<b>9:00-10:30am</b>	<p><b><i>Panel 6: After Paris</i></b></p> <p><b><i>Alternative Energy in the Context of the “Fall”:</i></b> John Van Leer, Professor, The Rosenstiel School of Marine and Atmospheric Science, UM</p> <p><b><i>Comparing Renewable Energy Experiences: California, Texas and Germany:</i></b> Felix Mormann, Professor, UM</p> <p><b><i>The Future of Coal in the Global Economy:</i></b> Hanna Samir Kassab, Visiting Assistant Professor, Northern Michigan University</p> <p><b><i>Climate Change Mitigation:</i></b> Anastasia Northland, United Nations Green Climate Fund</p> <p>Discussant: Daniel Suman, Professor, The Rosenstiel School of Marine and Atmospheric Science, UM; Ed Glab, Director, Global Energy Security Forum, FIU</p> <p>Moderator: Suzanne Loftus, PhD Candidate, UM</p>
<b>10:30-10:45am</b>	Break
<b>10:45-12:30pm</b>	<p><b><i>Panel 7: Solar, Hydro, Biofuels</i></b></p> <p><b><i>Solar Energy and the Fall of Oil Prices:</i></b> Josh Sproat, Element Solar</p> <p><b><i>Biofuels:</i></b> Ericson de Paula, Visiting Researcher, UM College of Engineering</p> <p><b><i>Hydropower Expansion in Tropical Regions under a Changing Climate:</i></b> Jose Maria Cardoso de Silva, Professor, UM Department of Geography</p> <p><b><i>Sustainability the Case of the University of Miami:</i></b> Teddy Lhoutellier, UM Sustainability Manager Green U</p> <p><b><i>Fusion:</i></b> James Robertson, Master Student, UM Department of Mechanical Engineering</p> <p>Discussant: Felix Mormann, Professor, UM School of Law</p> <p>Moderator: Bruce Bagley, Professor, UM</p>

**12:30-2:00pm**

Lunch and Keynote Address

***The Challenges of Climate Change in Miami Dade County:***

Daniella Levine Cava, Miami-Dade County Commissioner

**2:00-4:00pm**

***Panel 8: Sea Level Rise and its Impacts on Coastal Policy in South Florida***

***Miami Dade Strategy on Sea Level:*** Jim Murley, Chief Resilience

Officer, Miami-Dade County

***Global Trends in Coastal Oceanography:*** John Van Leer, Professor,  
The Rosenstiel School of Marine and Atmospheric Science, UM

***Adaptive Planning and Community Resilience:*** Thomas Ruppert  
P.A., FL Sea Grant

***South Florida Water, Sustainability and Climate Project:*** Michael  
Sukop, Professor, Department of Earth and Environment, FIU

***Adaptation Solutions for Communities Threatened by Ocean:***

Mitchell A. Chester, Attorney, CLEO Institute and SLRAmerica

Moderator: Teddy Lhoutellier, UM Sustainability Manager, Green U

**OCTOBER 29, 2016**  
**Day 3**  
**Multipurpose Room**  
**University of Miami Newman Alumni Center**  
**6200 San Amaro Dr. #200**  
**Coral Gables, FL 33146**

**Energy Sector Management, Corruption & Best Practices**

<b>8:30-9:00am</b>	Coffee
<b>9:00-10:30am</b>	<p><b><i>Panel 9: Case Studies</i></b></p> <p><b><i>The Energy Crisis in the Caribbean:</i></b> Anthony Maingot, Professor Emeritus, FIU</p> <p><b><i>Undermining Institutions in Venezuela's Oil Sector:</i></b> Javier Corrales, Dwight W. Morrow 1895 Professor of Political Science, Amherst College</p> <p><b><i>Colombia Energy Sector Management the Case of Ecopetrol:</i></b> Bruce Bagley, Professor, Department of International Studies, UM and Suzanne Loftus, PhD Candidate, UM</p> <p><b><i>Mexico and Energy Sector Management:</i></b> Bruce Bagley, Professor, UM and Cristina Perez, Independent Researcher</p> <p><b><i>Failure of OPEC:</i></b> Remi Piet, Assistant Professor, Qatar University</p> <p>Discussant: Bill Smith, Professor, UM</p> <p>Moderator: Dina Moulioukova, PhD Candidate, UM</p>
<b>10:30-11:00am</b>	Break and Zambrano Foundation Prize Announcement
<b>11:00-12:30pm</b>	<p><b><i>Panel 10: Developing World</i></b></p> <p><b><i>Politics of the Trans-Caspian Pipeline and Turkmenistan's Pivot:</i></b> Theresa Sabonis-Helf, Professor, National War College</p> <p><b><i>Egypt &amp; Energy Governance:</i></b> Bradford McGuinn, Senior Lecturer, Department of Political Science, UM</p> <p><b><i>Chinese Energy Sector Accountability:</i></b> Wen Yuan Wu, PhD Candidate, Department of International Studies, UM</p> <p><b><i>Russia's Wheel of Fortune and Centralized State:</i></b> Arsen Gasparian, PhD Candidate, Department of International Studies, UM</p> <p>Discussant: Maxime Larive, Associate Director European Union Center, University of Illinois</p> <p>Moderator: Bruce Bagley, Professor, Department of International Studies, UM</p>
<b>12:30-1:00pm</b>	Concluding Remarks