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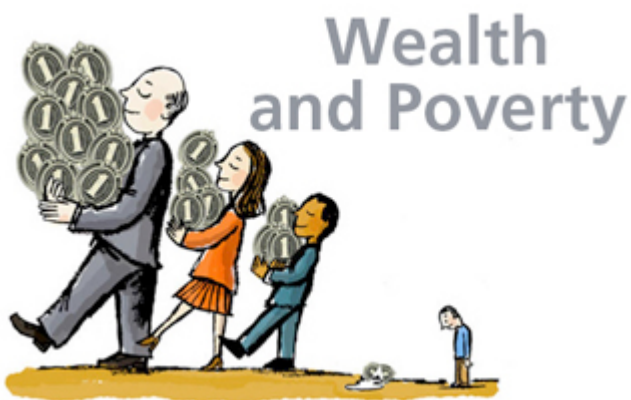
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Wealth & Poverty Week | International Disaster Relief Logistics, Sept. 29

September 1, 2016

Categories: Events

Tags: curricular themes, Felipe Aros-Vera, Wealth and Poverty, wealth and poverty events, wealth and poverty global challenges week



The Global Challenges week, from Sept. 26-30, brings together Ohio University students, faculty, staff, and community members who share an academic interest in the major global challenges of today and tomorrow. This week-long event focuses on global hunger, climate change, health crises, and human disasters which can only be addressed through the pooling and sharing of knowledge across disciplines.

Most of the events can be [viewed live or following the event on A&S TV](#).

- Thursday, Sept. 29 – [Felipe Aros-Vera](#) (Industrial and Systems Engineering), on “**International Disaster Relief Logistics: Lessons from Fieldwork Research and the Role of Social Networks**,” 9-10 a.m. at Alden 319. [Watch on A&S TV](#).

Abstract: This presentation focuses on the logistical challenges faced by International Non-Governmental Organizations (INGOs) in disaster response operations. The presentation summarizes preliminary findings from fieldwork research conducted in Nepal after the 2015 Gorkha Earthquake. The earthquake produced severe damage in infrastructure and required national and international response operations in Nepal. Political instability, changes in regulations and the topography of the country imposed major difficulties to help people in need. The Gorkha Earthquake also illustrates the key role that Cooperative Aid Networks (CANs) play in the operation of Disaster Relief Supply Chains.



Dr. Felipe Aros-Vera

Biography: Aros-Vera is Assistant Professor in the Department of Industrial and Systems Engineering at Ohio University. He holds a Ph.D. in Transportation Engineering from the Rensselaer Polytechnic Institute (RPI), and an M.S. and B.S. on Engineering Sciences from the Pontificia Universidad Católica de Chile. His research spans the fields of Disaster Relief Logistics, Transportation and Urban Logistics. Before joining Ohio University, Aros-Vera worked as a Postdoctoral Research Associate at the Center for Infrastructure, Transportation and the Environment at RPI. His expertise includes transportation operations and planning, operations research, mathematical optimization, and computer programming. His work has been published in prestigious journals such as *European Journal of Operational Research*, *Journal of Operations Management*, and *Transportation Research Part B: Methodological*. Felipe has participated in several research and applied research projects including: Park and Ride Facility Location in New York City, Integrative Freight Demand Management in the New York City Metropolitan Area, Cyber Enabled Discovery System for Advanced Multidisciplinary Study of Humanitarian Logistics for Disaster Response, and Remote Sensing Decision Support System for Optimal Access Restoration in Post Disaster Environments.