



PUCP



Superfund Research Program
The University of Arizona



National Institute of
Environmental Health Sciences



Developing a Pan American Hub for Environmentally and Socially Compatible Mining

Pontificia Universidad Católica de Perú (PUCP)

March 7-9, 2016 - Lima, Perú

Day 1 - Monday, March 7th

8:30 – 9:00	Inauguration and Introduction
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SCENARIOS

9:00 – 9:15	[1] Water for Big Mining. Alvaro Hernandez Ortega, CODELCO Casa Matriz, CHILE
9:15 – 9:30	[2] Artisanal Mining. Fernando Diaz Barriga, Univ. Aut. San Luis Potosi, MEXICO
9:30 – 9:45	[3] Legacy Sites. Jorge Luis Caceres. PUCP, PERU
9:45 – 10:10	General Discussion
Break (20 min)	

SOURCES OF CONFLICT

10:30 – 10:45	[4] Health Issues. Luis Fernandez, Stanford University - CAMEP, USA
10:45 – 11:00	[5] Environmental Health & Natural Resources. Virginia Ciminelli, Univ. Fed. Minas Gerais, BRAZIL
11:00 – 11:15	[19] Environmental Response Mount Polley Tailings Pond Break Allan Richmond, President, Union of British Columbia Municipalities. CANADA
11:15 – 11:30	[6] Cultural & Social Issues. Lucio Ríos Quintero, Universidad Nacional de Ingeniería, PERU
11:30 – 11:55	General Discussion
Break (20 min)	

THE ECONOMY

12:15 – 12:30	[7] Mining Today. Gustavo Lagos, Pontificia Universidad de Chile, CHILE
12:30 – 12:45	[8] Peruvian Economic Development. Roque Benavides, CEO Minas Buenaventura, PERU
12:45 – 13:00	[9] Informal Mining. Alfredo Chávez, Ministerio de Energía y Minas, PERU





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13:00 – 13:25	General Discussion
Lunch (1h 20min)	

THE INDUSTRY

14:45 – 15:00	[10] New Technologies. Heather Henry, National Institute for Environmental Health, USA
15:00 – 15:15	[11] Efficiency in Mining Processes. Jorge Soto. PUCP, PERU
15:15 – 15:30	[12a] Public Relations to Institutions. Carlos Castro. Hudbay. PERU
15:30 – 15:55	General Discussion
Break (20 min)	

THE COMMUNITY

16:15 – 16:30	[13] Community-Based Risk Assessment. Fernando Diaz Barriga, Univ. Aut. San Luis Potosi, MEXICO
16:30 – 16:45	[14] Community-Based Risk Management (Artisanal Mining). Johny Ponce Canchihumán, Director, CREEH Peru (NGO), PERU
16:45 – 17:00	[15] Social License. Cesar Bedoya, FCM-CISAL-PUCP. PERU
17:00 – 17:25	General Discussion

A FIRST CONCLUSION FOR DAY 1

17:25– 18:30	General Discussion
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18:30 RECEPTION

Day 2 - Tuesday, March 8th

POLICY ISSUES

8:30 – 8:45	[16] Mine Legislation and Permits. Gabriela Jáuregui, Estudio Muñoz Ramírez, Pérez-Taiman & Olaya. PERU
8:45 – 9:00	[17] Minamata Convention on Mercury. Susalen María Tang Flores, MINSA. PERU
9:00 – 9:15	[18] Legacy Sites, the Peruvian Case. Fernando Montero, Hudbay. PERU
9:15 – 9:40	General Discussion
Break (20 min)	





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EMERGING ISSUES

10:00 – 10:15	[20] Process water from seawater for the mining industry. Fernando Concha, Univ. de Concepcion, CHILE
10:15 – 10:30	[21] Sustainable Development in Mining Areas. Bernhard Dold, Lulea Univ., SWEDEN
10:30– 10:45	[25] System thinking approach to environmental emergencies in mining, Luis Rodrigues, UNISINOS, BRAZIL
10:45 – 11:10	General Discussion
Break (20 min)	

ENVIRONMENTAL SCIENCE & ENGINEERING INTERVENTIONS

11:30 – 11:45	[22] Prevention and Management of Water Conflicts Mirian Morales, Autoridad Nacional de Agua, PERU
11:45 – 12:00	[23] Reclamation of Tailings. Raina Maier, University of Arizona. USA
12:00 – 12:15	[24] Bioremediation of Acid Rock Drainage, Jim Field, University of Arizona, USA
12:15 – 12:40	General Discussion
Lunch (1h 20 min)	

THE PAN AMERICAN HUB FOR COMPATIBLE MINING

14:00 – 14:40	PANEL DISCUSSION, DECIDE ON MULTIDISCIPLINARY BREAKOUT GROUPS
14:40 – 15:50	BREAK-OUT GROUPS MEET - Objective: To identify the activities of the Hub. What, How, Who, When, Where, Money Sources

REPORTS

15:50 – 16:05	Group 1
16:05 – 16:20	Group 2
16:20 – 16:35	Group 3
16:35 – 16:50	Group 4

CONCLUSIONS

16:50 – 18:00	General Discussion
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18:00 Bus leaves to Hotel

20:00 Bus leaves to Gala Dinner (Restaurant to be determined)





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Day 3 - Wednesday, March 9th

EXCURSION TO VISIT MINES

6:00 – 21:00

Bus day trip to visit mining sites in Peru: Morococha, Nueva Morococha, Relavera Huascacocha y Las Remediaciones de Casapalca, Antuquito, Tablachaca y Yauliyacu

