



International Society for Industrial Ecology  
Conference ISIE Americas 2020

Industrial Ecology for Resilient and Sustainable  
Cities: Enhancing circularity and wellbeing

06 - 08 JULY 2020

LIMA - PERÚ

SCIENTIFIC COMMITTEE  
from

BRAZIL, CANADA, COLOMBIA, FRANCE, MEXICO, THE NETHERLANDS, SPAIN, UNITED STATES, PERU

Submission of papers  
January 31 st, 2020  
(Deadline)

More information:  
[isieamericas2020@pucp.edu.pe](mailto:isieamericas2020@pucp.edu.pe)

## WELCOME TO THE INTERNATIONAL SOCIETY FOR INDUSTRIAL ECOLOGY CONFERENCE “ISIE AMERICAS 2020”



Ramzy Kahhat, Ph.D.

Professor

Department of Engineering

Pontificia Universidad Católica del Perú

Email: [ramzy.kahhat@pucp.pe](mailto:ramzy.kahhat@pucp.pe)

Tel: +511-626-2000 Anexo 4631

University CV:

[www.pucp.edu.pe/ramzy-kahhat/](http://www.pucp.edu.pe/ramzy-kahhat/)

Google Scholar link:

<https://scholar.google.es/citations?user=-TYST4YAAAAJ&hl=es&oi=ao>

Email for the International Society for Industrial Ecology Conference Americas 2020

[info.isieamericas2020@pucp.edu.pe](mailto:info.isieamericas2020@pucp.edu.pe)

The International Society for Industrial Ecology (ISIE) Americas 2020 is an interdisciplinary forum of natural and social scientists, engineers, policymakers and practitioners that advances systems-based analysis methods, tools and solutions in pursuit of sustainable technology, product and service systems, and economies.

The theme of the conference is **Industrial Ecology for Resilient and Sustainable Cities: Enhancing circularity and wellbeing.**

This third edition will be held at the Pontificia Universidad Católica del Perú (PUCP).

*Chair of the Conference.*





# International Society for Industrial Ecology Conference ISIE Americas 2020

**Industrial Ecology for Resilient and Sustainable  
Cities: Enhancing circularity and wellbeing**

**06 - 08 JULY 2020**

LIMA - PERÚ

## **Dates**

6, 7 and 8 of July 2020

Workshops and courses will be held on July 5<sup>th</sup>

## **Theme of the conference**

Industrial Ecology for Resilient and Sustainable Cities: Enhancing circularity and wellbeing.

## **Meeting Venue**

The meeting will be held at Pontificia Universidad Católica del Perú.

Address: Av. Universitaria 1801, San Miguel, Lima, Perú

## **Collaborating institutions:**

PELCAN is seeking alliances with other Universities in Peru and the world as well as with public agencies such as *Promperu* (Exports and Tourism Committee), the Ministry of the Environment and the Ministry of Energy. All these institutions have previously collaborated in several projects with PELCAN.

Alliances will also be sought with other Research Groups within the University.



# ISIE

AMERICAS  
2020

International Society for Industrial Ecology  
Conference ISIE Americas 2020

Industrial Ecology for Resilient and Sustainable  
Cities: Enhancing circularity and wellbeing

**06 - 08 JULY 2020**

LIMA - PERÚ

## Organizing Committee



*Chair*  
*Ramzy Kahhat*



*Co-chair*  
*Edgar Hertwich*



*Co-chair*  
*Ian Vázquez-Rowe*



*Co-chair*  
*Isabel Quispe*



*Co-chair*  
*Bart van Hoof*



## Scientific Committee

Alexis Dueñas

Principal Professor - UNALM and Auxiliar Professor - Department of Engineering,  
Pontificia Universidad Católica del Perú

Bart van Hoof,

Professor, School of Management, Universidad de los Andes

Callie Babbitt

Associate Professor, Sustainability, Rochester Institute of Technology

Edmundo Muñoz:

Professor, Universidad Andres Bello

Eric Williams

Associate Professor, Rochester Institute of Technology

Goretty Dias

Assistant Professor, University of Waterloo

Ian Vázquez-Rowe

Associate Professor, Department of Engineering, Pontificia Universidad Católica del  
Perú

Isabel Quispe

Associate Professor, Department of Engineering, Pontificia Universidad Católica del  
Perú

Jara Laso Cortabitarte

Research Scientist, Universidad de Cantabria

Jeremy Gregory

Research Scientist, Massachusetts Institute of Technology

Jesus Rosales

Assistant Professor, Utrecht University

Johann Fellner

Associate Professor, Vienna University of Technology (TU Wien)

Jorge Bentin

Master in Environmental Management, Valle y Pampa



**Jun Kim**

Associate Professor, University of Technology of Troyes

**Leonor Patricia Güereca**

Research Associate, Universidad Nacional Autónoma de Mexico

**Marco Gusukuma**

Professor, Department of Engineering, Pontificia Universidad Católica del Perú

**María Margallo**

Associate Professor, Universidad de Cantabria

**Mikhail Chester**

Associate Professor, Arizona State University

**Ming Xu**

Associate Professor, University of Michigan

**Nathan Pelletier**

Assistant Professor - NSERC/Egg Farmers of Canada Industrial Research Chair in Sustainability / Endowed Chair in Bio-economy Sustainability Management

**Paulina Jaramillo**

Associate Professor, Carnegie Mellon University

**Ramzy Kahhat**

Principal Professor, Department of Engineering, Pontificia Universidad Católica del Perú

**Rodrigo Navia**

Associate Professor, Universidad de La Frontera; Department of Engineering

**Rubén Aldaco**

Associate Professor, Universidad de Cantabria

**Sara Ojeda**

Professor, Universidad Autonoma de Baja California

**Scott Matthews**

Professor, Civil and Environmental Engineering and Engineering & Public Policy, Carnegie Mellon University

**Sergio Pacca**

University of Sao Paulo, Brazil



Shoshanna Saxe  
Assistant Professor Department of Civil & Mineral Engineering, University of Toronto

Shweta Singh  
Assistant Professor Agriculture & Biological Engineering Environmental & Ecological  
Engineering, Purdue University

Sjors Witjes  
Professor, Radboud University en Nijmegen

Valentina Prado  
Senior Sustainability Analyst, EarthShift Global, LLC

Xavier Gabarrell  
Professor, Universidad Autónoma de Barcelona

## **Keynote Speakers**

Albina Ruiz  
Ministerio del Ambiente de Perú

Chris Hendrickson  
Carnegie Mellon University

Christopher Kennedy  
University of Victoria

Jeroen Guinee  
Leiden University

Martin Medina  
Yale University

Patrik Henriksson  
Stockholm University

## Program

### Monday July 6th 2020

Start	End			
08:30	09:00	Registration		
09:00	10:15	Plenary: Introduction		
10:15	11:30	Plenary: Keynote speaker		
11:30	11:45	Coffee break		
11:45	13:00	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
13:00	14:30	Lunch		
14:30	16:00	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
16:00	16:15	Coffee break		
16:15	17:30	Oral presentations (parallel sessions)	Oral presentations (parallel sessions)	Oral presentations (parallel sessions)
17:30	19:00	Welcome cocktail		
20:00	22:00			

**Tuesday July 7th 2020**

<b>Start</b>	<b>End</b>			
08:30	09:00	Registration		
09:00	10:15	Plenary: Keynote speaker		
10:15	11:30	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
11:30	11:45	Coffee break		
11:45	13:00	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
13:00	14:30	Lunch		
14:30	16:00	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
16:00	16:15	Coffee break		
16:15	17:30	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
17:30	19:00			
20:00	22:00	Gala dinner		



**Wednesday July 8th 2020**

<b>Start</b>	<b>End</b>			
08:30	09:00	Registration		
09:00	10:15	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
10:15	11:30	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
11:30	11:45	Coffee break		
11:45	13:00	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
13:00	14:30	Lunch		
14:30	16:00	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)	Oral Presentations (parallel sessions)
16:00	16:15	Coffee break		
16:15	17:30	Plenary: Keynote presentation and closing ceremony		
17:30	19:00	Closing cocktail		
20:00	22:00			



## Abstract Submission

Deadline: **January 31st, 2020.**

Submit your abstract here (max. 500 words)

At ISIE Americas 2020, we are seeking research contributions to the oral and poster sessions on the following topics:

- Circular economy.
- Diet and waste.
- E-waste/WEEE management.
- Energy-water-food-waste nexus.
- Energy in developing countries.
- Environmental input-output analysis.
- Environmental footprints.
- Green supply chain.
- Resilience and natural disasters.
- Industrial ecology and SDGs.
- Industrial symbiosis.
- Life cycle assessment, design, and management.
- Resource productivity and sustainability.
- Scavengers and waste management.
- Social-economic metabolism.
- Social dimensions of industrial ecology.
- Sustainable production and consumption.
- Sustainable cities.
- Sustainable Mobility.
- Urban metabolism.
- Urban stocks.
- Urban sustainability.
- Urban waste management.

We also embrace multidisciplinary and interdisciplinary, thus, other topics can be submitted.

The **official language** will be English; however there will be special sessions in Spanish.



## Payment

Online payment platform for the Conference ISIE AMERICAS 2020

### Registration fees

		Early Registration	Late Registration
<b>Member</b>	High income countries*	\$300	\$350
	Upper-middle income countries*	\$250	\$300
	Lower-middle income countries*	\$200	\$250
	Lower income countries*	\$150	\$200
<b>Non-member</b>	High income countries*	\$350	\$400
	Upper-middle income countries*	\$300	\$350
	Lower-middle income countries*	\$250	\$300
	Lower income countries*	\$200	\$250
<b>Student</b>	High income countries**	\$175	\$200
	Upper-middle income countries**	\$150	\$175
	Lower-middle income countries**	\$125	\$150
	Lower income countries**	\$100	\$125

\* Based on World Bank's Atlas method to classify countries. Applies to the country of residence of the participant.

\*\*Based on World Bank's Atlas method to classify countries. Applies to the country of residence or birth country of the student.

### Important dates

10 September 2019	Call for abstracts
31 January 2020	Deadline for abstract submission
30 April 2020	End of early bird registration
06 July 2020	Start of the ISIE Americas 2020 Conference



## Sponsorship categories

### **DIAMOND Category**

Benefits included in this sponsorship:

1. A 7 m<sup>2</sup> stand, located next to the main venue, which will include a table, two chairs, lighting and electricity. Stand design will be standard for all sponsors.
2. Admission credentials for two people to attend the stand with free access to coffee breaks.
3. Free registration for 4 delegates.
4. Early bird registration fee will be respected until the day prior to the conference for additional participants.
5. Logo recognition in the printed or digital material distributed to the participants of the event.
6. Logo recognition on website, with a link to the sponsor's own website (if required).
7. The operating hours will be between 08:30 and 18:00 hours between July 6th and July 8th 2020.

### **GOLD Category**

Benefits included in this sponsorship:

1. A 5 m<sup>2</sup> stand, located next to the main venue, which will include a table, two chairs, lighting and electricity. Stand design will be standard for all sponsors.
2. Admission credentials for two people to attend the stand with free access to coffee breaks.
3. Free registration for 3 delegates.
4. Early bird registration fee will be respected until the day prior to the conference for additional participants.
5. Logo recognition in the printed or digital material distributed to the participants of the event.
6. Logo recognition on website, with a link to the sponsor's own website (if required).
7. The operating hours will be between 08:30 and 18:00 hours between July 6th and July 8th 2020.

### **SILVER Category**

Benefits included in this sponsorship:

1. A 5 m<sup>2</sup> stand, located next to the main venue, which will include a table, two chairs, lighting and electricity. Stand design will be standard for all sponsors.



2. Admission credentials for two people to attend the stand with free access to coffee breaks.
3. Free registration for 2 delegates.
4. Early bird registration fee will be respected until the day prior to the conference for additional participants.
5. Logo recognition in the printed or digital material distributed to the participants of the event.
6. Logo recognition on website, with a link to the sponsor's own website (if required).
7. The operating hours will be between 08:30 and 18:00 hours between July 6th and July 8th 2020.

#### **BRONZE category Bronze level**

Benefits included in this sponsorship:

1. Admission credentials for one, two, or three people (depending on the level) to attend the stand with free access to coffee breaks.
2. Free registration for 1, 2 or 3 delegates.
3. Early bird registration fee will be respected until the day prior to the conference for additional participants.
4. Logo recognition on website, with a link to the sponsor's own website (if required)

#### **Gala Dinner Sponsorship**

Benefits included in this sponsorship:

1. Equivalent to the DIAMOND Category, except for the allocation of a stand.
2. Recognition as host at the dinner with the right to a brief greeting to the participants.

#### **Welcome Cocktail Sponsorship**

Benefits included in this sponsorship:

1. Equivalent to the SILVER Category, except for the allocation of a stand.
2. Recognition as host at the cocktail party with the right to a brief greeting to the participants.

## **Contact us**

For more information, please contact us at (511) 626-2000, Ext. 5167 or 4633, or at our email address [isieamericas2020@pucp.edu.pe](mailto:isieamericas2020@pucp.edu.pe)