

# FRIEDMAN FAMILY VISITING PROFESIONALS PROGRAM

## Visit to University of Peru: May 26th, 2022



This report summarizes the visit of **Faiz Makdisi PhD.** from Gannett Fleming, Inc. that took place at the Pontifical Catholic University of Peru on May 26th, 2022,

### ITINERARY OR AGENDA

Provide the itinerary of the visit. For example:

TIME:	ACTIVITY:
11:00 AM – 11:30 AM	Student Chapter President meets & welcomes Visiting Professional by zoom
11:30 AM – 12:00 PM	Meeting with the student chapter leadership from this year (Principal Director)
12:00 PM – 1:15 PM	Guest lecture by Visiting Professional
1:15 PM – 1:30 PM	Break
1:30 PM – 1:45 PM	Informal meeting with department career of Civil Engineering by Mg. Pehovaz, Director of Civil Engineering career at PUCP.
1:45 PM – 2:00 PM	Informal meeting with department postgrad of Civil Engineering by Nicola Tarque Ph.D., Director of Civil Engineering Master at PUCP.
2:00 PM – 2:15 PM	Informal meeting with Civil Engineering Resear Area at PUCP by César chacara Ph.D., Coordinator of Civil Engineering Research Area at PUCP.
2:15 PM – 2:30 PM	Informal meeting with Samy Garcia Ph.D., Researcher at Polytechnique au Montreal.
2:30 PM – 2:45 PM	Informal meeting with all EERI PUCP members and Faculty member at PUCP.

### STUDENT CHAPTER VISIT PLANNING COMMITTEE

**LEAD ORGANIZER(S):** {enter name of student members who lead the visit, chapter role, email}

- **Brian Arteaga Alvarez**, President, brian.arteaga@pucp.edu.pe
- **Christian Díaz Esquivel**, Principal Director, cdiaz@pucp.edu.pe

### VISITING PROFESSIONAL LECTURE OVERVIEW

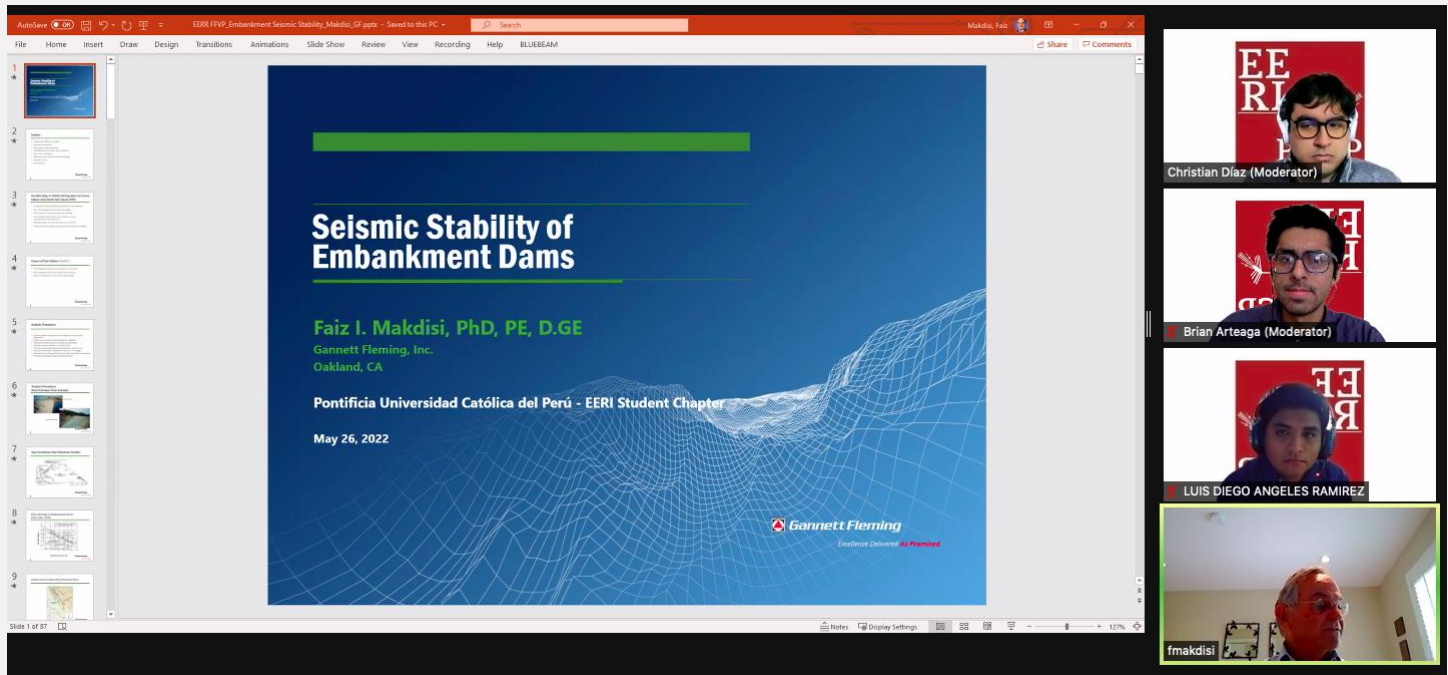
Lecture Abstract

#### Lecture topic: **Seismic Stability and Deformation of embankment dams**

The lecture was held by zoom. Faiz Makdisi Ph.D. prepared his presentation and he explained the first 20 minutes about EERI and its missions, goals and activities. Then he started his lecture. He explained his topic using real cases and experiences to understand clearly the topic. He detailed the main topic theoreticaly with numbers, formulas and real cases in the USA, Europe, etc.

The participants asked him their doubts and questions about the topic and about cases that could happen in Peru. Makdisi Ph.D. answered all the questions of the public.

The following photo shows the main topic of Makdisi Ph.D. lecture that he presented by zoom to EERI members and students from Pontifical Catholic University of Peru.



## SUPPLEMENTAL ACTIVITES

### Informal meeting with the Director of Civil Engineering career

The informal meeting started with the presentation of Mg. Richard Pehovaz, who led the presentation of the Civil Engineering undergraduate program at PUCP. He detailed the skills and profile of the civil engineering students to Makdisi Ph.D.

### Informal meeting with the Director of the Civil Engineering Postgraduate program

This informal meeting was led by Nicola Tarque Ph.D., who explained the profile and skills of Civil Engineering postgraduate students. Besides he detailed the process of the program and he presented some cases of students who took the international exchange program for the double titulation.

### Informal meeting with the Coordinator of Civil Engineering Research Area at PUCP

This informal meeting was led by César Chácara Ph.D., who explained the groups of associations in charge of different kinds of research they do. This associations are supported by the faculty and lead by principal professors of the university.

## RESULTS, FEEDBACK AND LESSONS LEARNED

There was at about of 50 people presented in the lecture and in the informal meeting. The challenges we faced were the reception and caption of people to the virtual lecture. However, during the process, we noticed a good participation of people with questions and doubts of the lecture.

The Student Chapter managed the virtual lecture starting with the contact of the professional, caption of people and managing the informal meetings with the faculty members.

The Student Chapter would like to consider a next visit of a professional because the principal goal of our Student Chapter is to contribute to the knowledge about seismic and structural engineering to people. Besides, the Student chapter would like to have one day the opportunity to receive a professional in our university in Peru.

## ACKNOWLEDGEMENTS

The Pontifical Catholic University of Peru EERI Student Chapter gratefully acknowledges the support of the Friedman Family for sponsoring the virtual visit of Faiz Makdisi Ph.D. through their Friedman Family Visiting Professional Program endowment.

## LIST OF ATTACHMENTS

We are including at the end of this report various attachments to supplement the information included above. A list of the attachments is included below:

- Item 1, flier for event
- Item 2, professional slide show or other handouts
- Item 3, Photo of the lecture with the public



# SEGUNDA VISITA EERI INTERNACIONAL

26 de mayo

12:00p.m. (UTC-5)

## SEISMIC STABILITY AND DEFORMATION OF EMBANKMENT DAMS

- Ingeniero por la Universidad Americana de Beirut en Líbano.
- M.Sc. y Ph.D. en Ingeniería Geotécnica por la Universidad de California, Berkeley, Estados Unidos.
- Miembro del Instituto de Investigación de Ingeniería Sísmica (EERI) y del Comité de Terremotos de la Sociedad de Represas de los Estados Unidos (USSD).



**DR. FAIZ  
MAKDISI**

- Ingeniero principal en Sage Engineers.
- Consultor en Gannett Fleming, Oakland, California.

## INVITADOS

**Mg. Richard Pehovaz**

Director de  
Carrera de  
Ingeniería Civil



**Dr. Nicola Tarque**

Director de la  
Maestría en  
Ingeniería Civil



**Dr. César Chácara**

Coordinador de  
investigación en  
Ingeniería Civil



**Mg. Geinfranco Villalta**

Docente de la  
Pontificia  
Universidad  
Católica del Perú



**Dra. Samy García**

Investigadora en  
Polytechnique  
Montréal





El programa tiene como objetivo formar profesionales e investigadores con un conocimiento profundo de estructuras y de su relación con la sociedad y el medio ambiente. La modalidad del programa es presencial.

Desde el 2018-1, la maestría ofrece el grado de Magíster en Ingeniería Civil con mención en:

1. Estructuras Sismorresistentes
2. Diagnóstico y Reparación de Construcciones Patrimoniales y Existentes
3. Gestión de Riesgos Naturales



## GRUPOS DE INVESTIGACIÓN



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