

2020 THEME: "Gearing Civil Engineers Towards Professional Competencies"

PICE Qatar Chapter 2nd Quarterly Report 2020



PHILIPPINE INSTITUTE OF CIVIL ENGINEERS
QATAR CHAPTER
International Charter No. I-03
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JUNE 2020



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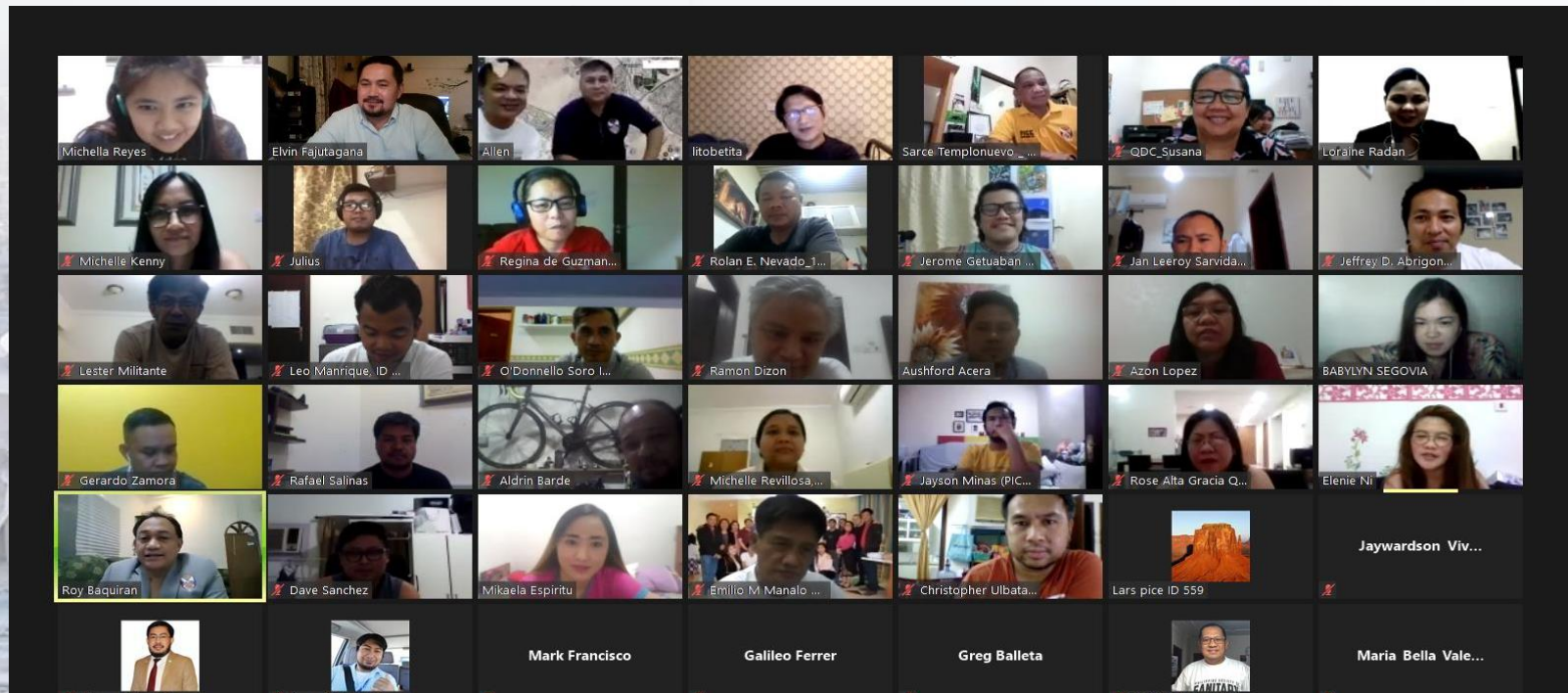
The Executive Committee Monthly Meeting



PICE Qatar's 6th Executive Committee Meeting was attended by 14 Board of Directors, 1 Immediate Past President, 6 council of advisers and 2 Ad-hoc Committee Chairmen. The Chairman on Committee on Membership was locked down in the Philippines so the Vice Chairman was present in the meeting in his behalf. Before the commencement of our Excomm meeting, there was a meet and greet with the PICE USA Chapter, Engr. Girlie Boorboor.

Zoom – Executive Committee Meeting
June 5, 2020
Doha, Qatar

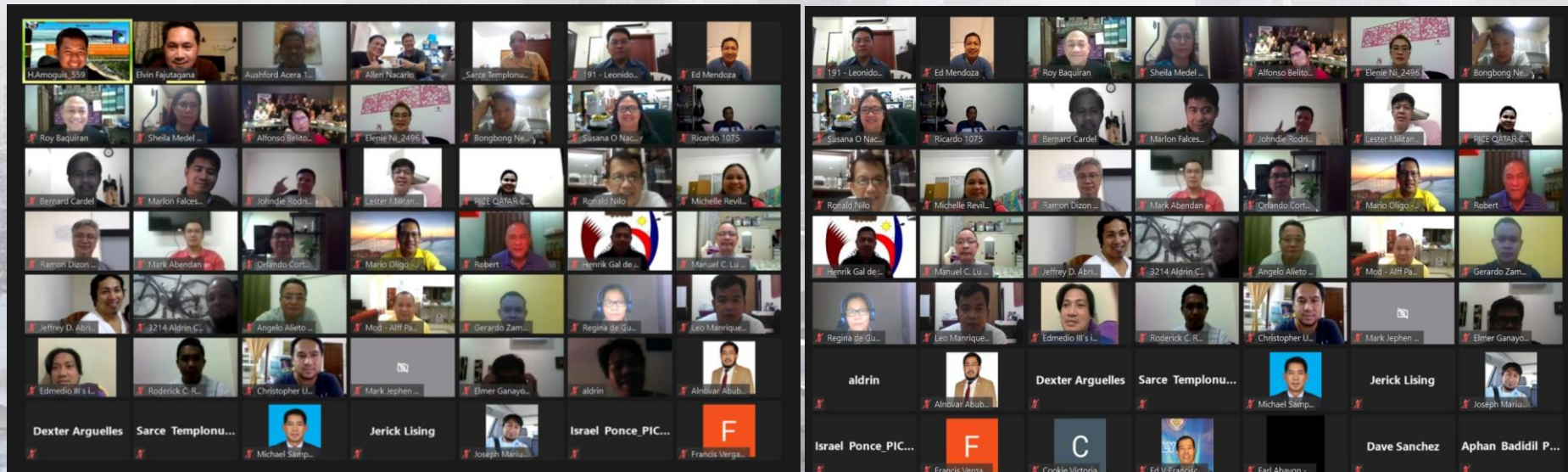
Committee on Continuing Professional Advancement



The Committee on Continuing Professional Advancement (COCPA) continue its mission in bringing the professional advancement to the chapter's members by holding a webinars to feed their hunger for learning. This is the first webinar for this month. This two-day webinar through zoom was participated by 54 attendees, few of them are members locked down in the Philippines. Our lecturer was a certified public accountant Ms. Michella Camille S. Reyes

Online Seminar on MS Word
June 3 and 4, 2020
Doha, Qatar

Committee on Continuing Professional Advancement



This webinar was participated by 64 active members. On the first day of 2 hours lecture, the speaker presented the *Understanding dredging and construction of artificial island*. On the second day, another 2 hours of interesting information was shared regarding the *Understanding shoreline protection and guidelines for good artificial beaches*. The presenter was no other the immediate past president of the chapter, Engr. Helario S. Amoguis.

Webinar on Marine Structures
June 24 and 25, 2020
Doha, Qatar

Committee on Honors and Professional Licensure Examination

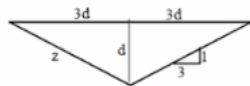
Problem 11.

A triangular channel ($n = 0.012$) with sloping side 1 V to 3H is to carry water at a flow rate of $10 \text{ m}^3/\text{s}$.
Find the critical depth.
Find the critical velocity.
Find the critical slope:

$$Q^2/g = A^3/B$$

$$B = \text{top width} = 6d$$

SOLUTION 11:



$$A = 0.5(3d)(d) = 3d^2$$

Equation of critical depth (any section)

$$\frac{Q^2}{g} = \frac{A^3}{B} \quad B = \text{top width}$$

$$\frac{(10)^2}{9.81} = \frac{(3d_c^2)^3}{6d_c}$$

$$d_c = 1.178 \text{ m}$$

Critical velocity:

$$Q = AV$$

$$10 = 3(1.178)^2 V_c$$

$$V_c = 2.402 \text{ m/s}$$

Critical slope:

$$V = \frac{1}{n} R^{2/3} S^{1/2}$$

$$A = 3(1.178)^2 = 4.613 \text{ m}^2$$

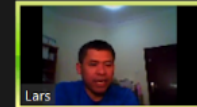
$$P = 2z$$

$$P = 2\sqrt{10}(1.178) = 7.45$$

$$R = 4.613/7.45 = 0.559 \text{ m}$$

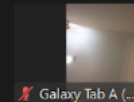
$$2.402 = \frac{1}{0.012} (0.559)^{2/3} S^{1/2}$$

$$S_c = 0.0018$$



PICEQ SPLE-ONL...

rudy



Galaxy Tab A (...)

pipay

S9+

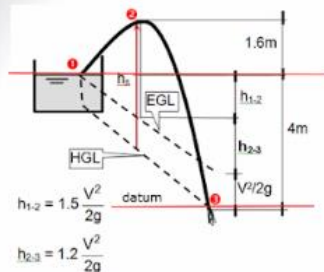
S9+

Despite of the cancellation of the Special Licensure Examination this year, there were aspirants who still wants to continue the full module of the reviewer. There were 22 aspirants who signified their intention to finish the module.

SPLE Lecture via Zoom
June 5, 12 and 19, 2020
Doha, Qatar

Committee on Honors and Professional Licensure Examination

Solution 1:



Bernoulli Energy Eqn (point 1 to 3)
 $P_1 = 0, V_1 = 0, P_3 = 0$
 $V_1 = V_3 = V$
 $Z_1 = 4, Z_3 = 0$
 $E_1 = E_3$

$$Z_1 + \frac{P_1}{\gamma} + \frac{V_1^2}{2g} = h_L + \frac{V_3^2}{2g} + \frac{P_3}{\gamma} + Z_3$$

$$Z_1 = 0, Z_3 = 1.6$$

$$4 + 0 + 0 = 1.5V^2/2g + 1.2V^2/2g + \frac{V^2}{2g}$$

$$\frac{V^2}{2g} = 1.081$$

Bernoulli Energy Eqn. (1 to 2)

Problem 1.

Water is to be siphoned from a tank at the rate of $0.040 \text{ m}^3/\text{s}$. The flowing end of the siphon pipe must be 4.0 m below the water surface. The headloss are $1.5 V^2/2g$ from tank to summit of siphon and $1.2 V^2/2g$ from summit to end of siphon. The summit is 1.6 m above the water surface. Find the pressure at the summit.

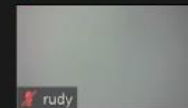
- a) -41 kPa c. -42 kPa
 b) -44 kPa d. -45 kPa



Ruel Alejandro



Lhenca



rudy

Find a participant

- PICEQ SPLE-ONLINE (Host, me)
- Larry (Co-host)
- Edgard
- RA Ruel Alejandro
- DANVIC ARTOR FORTU
- henry
- Joahanna

Invite Mute All Unmute All

Zoom Group Chat

From rudy to Everyone:
ok sir
thank you

From 4461627330 to Everyone:
HELLO GUYS

From Larry to Everyone:

module 2sol .pdf
849.66 KB

Download

For the month of June there were 23 average attendees.

SPLE Lecture via Zoom
 June 5, 12 and 19, 2020
 Doha, Qatar

Committee on PICE Qatar Affairs



PICE Qatar donated 35 food packs to the Filipino community who are affected by the pandemic, through the initiative of the Committee of PICE Qatar Affairs. During the Philippine Independence Day, PICE Qatar Chapter celebrated our freedom by spending time all day on the road to distribute food packs coming from Qatar Charity through POLO and Filipino Community. On the first day there were 8 teams with 2 members who volunteered in this noble cause.

1st Day Food Packs Distribution
June 12, 2020
Doha, Qatar


Committee on PICE Qatar Affairs





The 2nd day of food packs distribution was participated by the 21 teams with 2 members each team. The team spent 4 hours on the road. Aside from the food packs from Qatar Charity, some of the team prepared a food packs as well as an additional.

2nd Day Food Packs Distribution
June 19, 2020
Doha, Qatar

Committee on Membership




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PICE Qatar *Amnesty Program*

During this difficult time of the COVID-19 pandemic, the PICE Qatar Board of Directors (BODs) is pleased to launch the **Amnesty Program for Membership Dues**. The BODs approved this program through the **Board Resolution No. 009 - 2020** that provides limited amnesty for delinquent members, covering only **Qatar Chapter Dues**.

The Amnesty Program will **take immediate effect** until **31st of July 2020**.

S/N	No. of Years Delinquent	Discount (Chapter Dues Only)	Remarks
1	Over 10 Years	100%	The member is encourage to apply for LM but not compulsory.
2	8-10 Years	50%	
3	6-7 Years	40%	
4	3-5 Years	30%	
5	1-2 Years	20%	

During this period, an existing membership Implementing Rules and Guidelines be set aside.

You may contact **Engr. Marian M. Ocampo** on **+974 7721 5920** (also thru Viber and/or WhatsApp) for any inquiry.

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The Committee on Membership continue to spearhead the amnesty program that will end on the 31st of July 2020.

Amnesty Program
Doha, Qatar

Committee on Major Events



PICE Qatar is planning to hold a Virtual Technical Conference on the 31st of July, 1st and 2nd of August 2020. In preparation the committee hold its kick off meeting to discussed the initiation and preparation.

Virtual Technical Conference Kick Off Meeting
June 13, 2020
Doha, Qatar