

Virtual



**IETSO
2020
4-5 DEC**

Eugeniusz Gdynia, Poland
Kwiatkowski University

CONFERENCE REPORT

—○— **2020**



REPA is committed to the highest quality of researches, publications, and education aligned with global standards.

f [repa.jp](https://www.repa.jp)

t [repa_jp](https://twitter.com/repa_jp)

i [repa.jp](https://www.repa.jp)

ACKNOWLEDGMENTS

This report is based on the International Conference on: **Impactful Endeavour Towards Sustainability Outreach (IETSO 2020)** organized by REPA - Research and Education Promotion Association and was co-sponsored by different institutions and academic organizations. The IETSO 2020 was planned to be held at **Eugeniusz Kwiatkowski University, Gdynia, Poland**, but due to COVID-19 pandemic, it holds virtual from 4th - 5th December 2020.

The conference was conceptualized and initiated by *Alexandra Gebarowska* (Conference Manager), organized by *Michell Ann Julieth Marasigan* (Conference Organizer), coordinated by *Evelin Timea Nagy* (Conference Coordinator), chaired (sessions) and contributed (to the conference) by *Mira Ishenko, Sylvia Fera Fitri, Sara Ahmed, Arnab, Bhattacharya, Seyedeh Maryam T., Janet Kambuni, Mary Andilab* from Research and Education Promotion Association (REPA).

We would like to especially thank invited speakers **Ir Dr Sharifah Rafidah Wan Alwi** (Universiti Teknologi Malaysia, Malaysia), **Marc A. Rosen** (University of Ontario Institute of Technology in Oshawa, Canada), and **Alexey Mikhaylov** (Financial University under the Government of the Russian Federation, Russian Federation) who inspire our event; as well as the more than **300 people who participated** in the intensive two days of presentation sessions and discussions. A special appreciation and thanks are extended to the reviewers and editorial team consisting the conference committees.

The conference was technically sponsored by *IEEE, ACM, IET* local chapters, backed by academic and publication sponsorship of *iThenticate, Crossref*, and *ISSN* through *REPA*.

The conference co-publishers were:

- (1) Springer: "*Sustainability Outreach Series*" by Mir Sayed Shah Danish and Tomonobu Senjyu (<https://link.springer.com/book/10.1007%2F978-981-15-7179-4>),
- (2) Journal of Sustainability (Impact Factor: 2.576) — Special Issue "*Shaping Sustainability as a Lifestyle through Designing Agile Energy Strategies: Acting Responsibly and Thinking Sustainably*" by Mir Sayed Shah Danish (https://www.mdpi.com/journal/sustainability/special_issues/energy_strategies_sus),
- (3) Journal of Open Innovation: Technology, Market, and Complexity (Scopus Citation Score: 4.7) — Special Issue "*Financial Open Innovations for Sustainable Economic Growth*" by Alexey Mikhaylov, Mir Sayed Shah Danish (https://www.mdpi.com/journal/JOItmC/special_issues/financial_open_innovations), and
- (4) Journal of Sustainability Outreach — Special Issue "*Impactful Endeavors Toward Sustainability Outreach*" by Ganesh R. Sinha (<https://repa.jp/journals/jso>).

Further updates, as well documents, may be found on the conference website: <https://repa.jp/ietso-poland>



The IETSO 2020 Organizing Committee
December 2020, Gdynia, Poland

CONTENTS

1

SPONSORS, SUPPLIERS & PUBLISHERS

2

CONFERENCE MANAGER MESSAGE

3

ABOUT THE IETSO 2020

4

PLENARY INVITED SPEAKERS

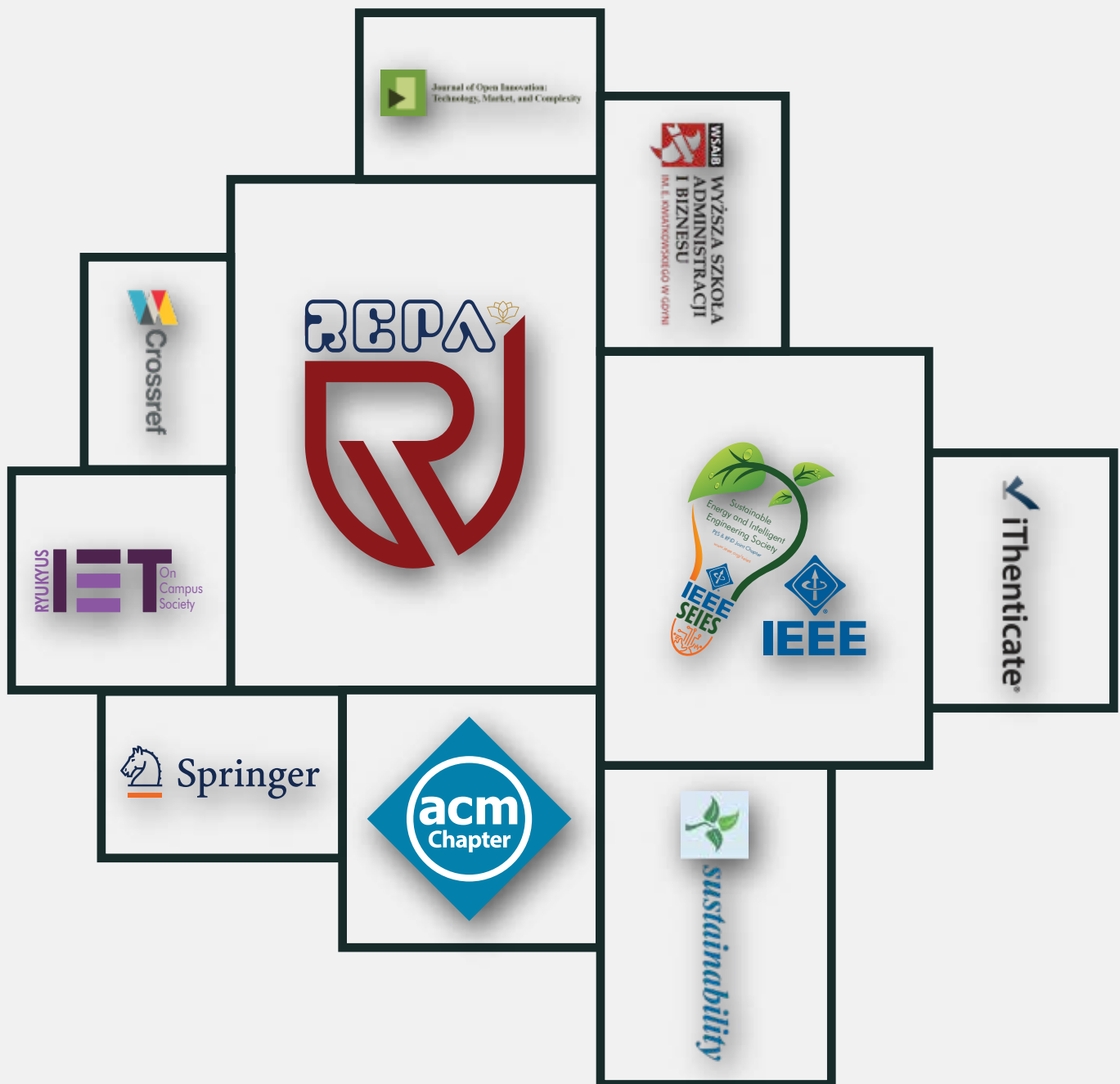
5

CONFERENCE SESSIONS

6

CONFERENCE MEMORIES

SPONSORS, SUPPLIERS & PUBLISHERS



MESSAGE!



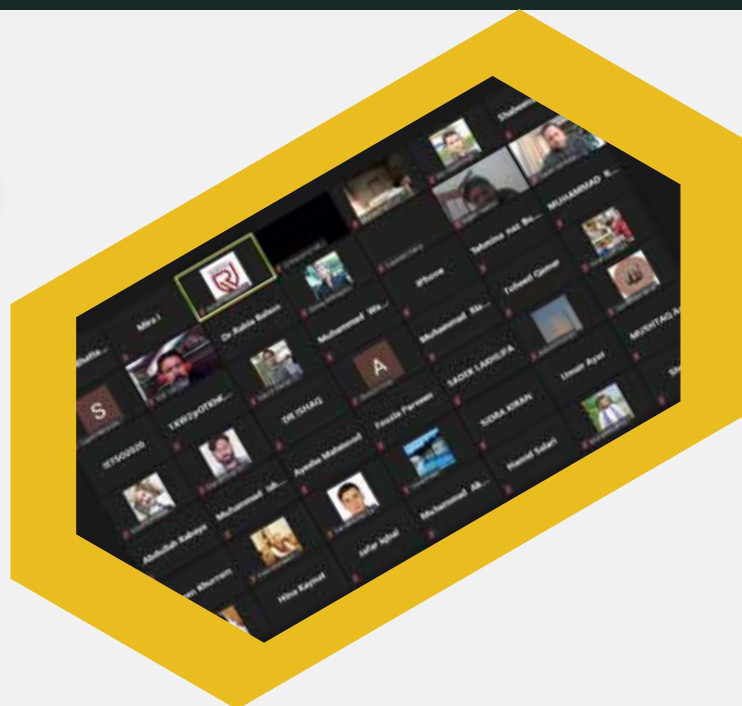
That is undoubtedly impressive to set up a platform and to make paper submission, registration, and all the conference process simple, from a single source. I am happy to contribute to the academic society together with you.

Alexandra Gebarowska
Conference Manager

REPA - Research and Education Promotion Association
agebarowska@repa.jp

IETSO 2020

The recent endeavors towards sustainable development within Sustainable Development Goals (SDGs) 2030 has raised global attention for its potential to overcome the century challenges through universal collaboration to protect the planet, eradicate poverty, and ensure peaceful life.



Nowadays, nearly all of the academic institutions' consideration has been on how efficiently to design and implement the SDGs strategic roadmaps, proposing viable solutions, localizing the goals, incorporating research efforts, and sum up with call for action at national and international levels.

Therefore, in collaboration with acknowledged universities and organizations, REPA - Research and Education Promotion Association creates an international forum to discuss and share knowledge for effective deployment of the SDGs 2030 within viable models, scenarios, and best worldwide accepted practices.

International Conference on: Impactful Endeavour Towards Sustainability Outreach (IETSO 2020) was held in main Six Sessions covered a Plenary Session and Five Technical Presentation Sessions from 4th - 5th December 2020. The conference inspires by the precious speeches of invited Keynote Speakers from Malaysia, Canada, and Russia, followed by more than 20 presentations and welcomed by more than 300 online participants.

IETSO 2020 is a peer-reviewed conference that emanates recent researches based on an exhaustive topic of the day, "Sustainable Development Goals (SDGs)". This conference establishes interdisciplinary coverage in the context of sustainability and argues its pillars (environmental, technical and technological, social, institutional, and economic disciplines) for long-run sustainability.

ORGANIZERS



The IETSO-2020 has called for transboundary researches, experiences, case studies, and lessons learned to cover conceptual and empirical research contributions basis to the scope of this conference. In a big image, this conference offers viable options for societies transition in the 21st century for:

- a well-being life to eradicate poverty,
- mitigate climate change,
- promote lifelong learning opportunities,
- empower sociality,
- deploy affordable energy,
- sustain economic growth,
- offer innovation,
- reduce inequality,

Conference Organizing Team

Michell Ann Julieth Marasigan (Conference Organizer)
mmarasigan@repa.jp

Evelin Timea Nagy (Conference Coordinator)
e.nagy@repa.jp

REPA - Research and Education Promotion Association
www.repa.jp

PLENARY INVITED SPEAKERS

The Organizing Committee extends special appreciation and thanks to the keynote speakers for their special presentations that inspired the event.



SHARIFAH RAFIDAH WAN ALWI (Professor, Director)
Professor, Universiti Teknologi Malaysia
Director: Process Systems Engineering Centre, Malaysia
https://repa.jp/ietso-poland/speaker_post/prof-sharifah

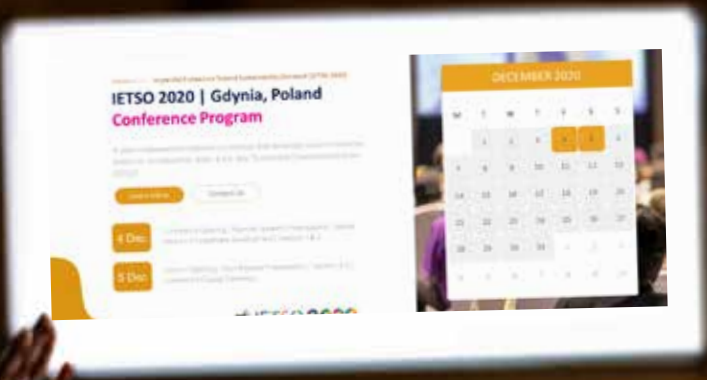


MARC A. ROSEN (Professor, Former Director)
Professor & Former Director, University of Ontario Institute of Technology in Oshawa, Canada
https://repa.jp/ietso-poland/speaker_post/prof-marc-a-rosen



ALEXEY MIKHAYLOV (Deputy Director)
Deputy Director, Monetary Relations Research Center, Financial University under the Government of the Russian Federation, Russian
https://repa.jp/ietso-poland/speaker_post/dr-alexey-mikhaylov

On the 4th of December 2020, the Conference Organizing Committee's Message was delivered by Michell Ann Julieth Marasigan, followed by the Special Session of Keynote Speakers. The Plenary Session was moderated by Mira Ishenko, Conference Facilitator at REPA - Research and Education Promotion



SESSIONS



Session 1: Agriculture Sustainability



Session 2: Environmental Science



Session 3: Applied Science & Eng.



Session 4: Sustainable Energy



Session 5: Business and Trade

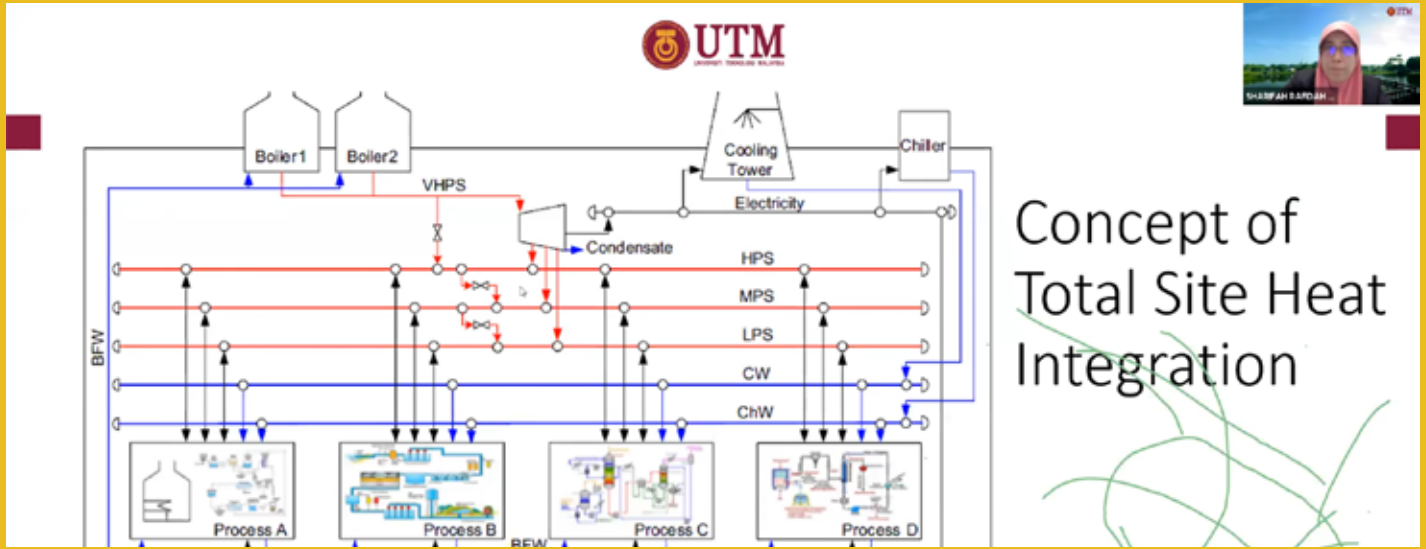
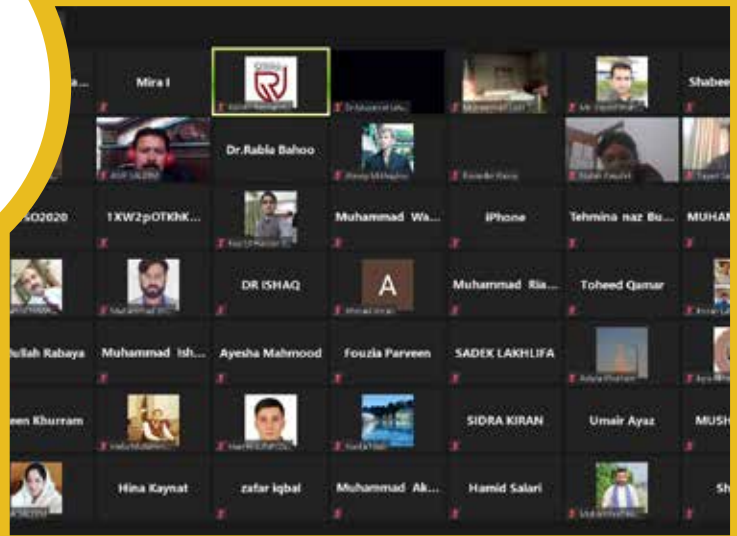
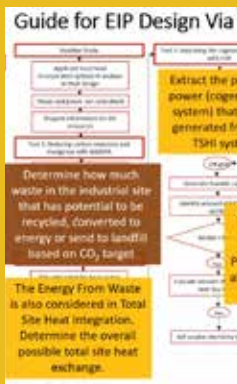
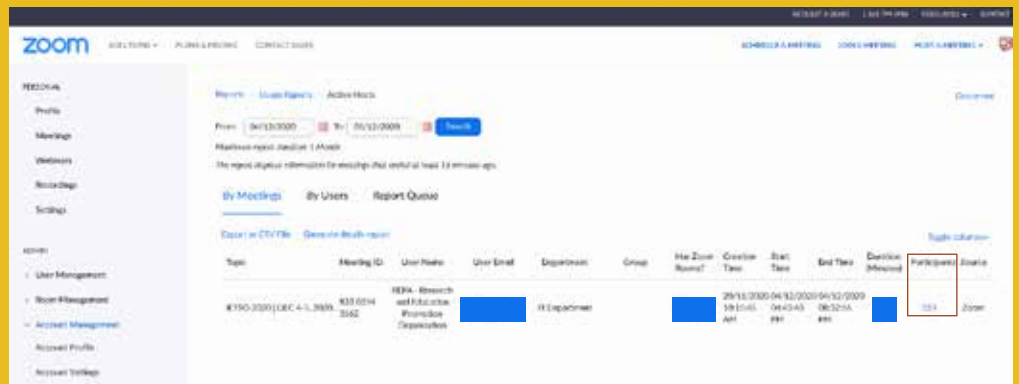


IETSO
2020
4-5 DEC

Eugeniusz Gdynia, Poland
Kwiatkowski University

<https://repa.jp/ietso-poland/theme>

CONFERENCE MEMORIES

Type	Meeting ID	User Name	User Email	Department	Group	Has Zoom Meeting?	Creation Time	Start Time	End Time	Duration (minutes)	Participants	Invite
KEYNOTE	933 0294 3352	HEPA - Research and Education Promotion Department		IT Department			28/10/2020 04:12:00	04/12/2020 08:15:45	04/12/2020 08:32:16	89	123	Join

www.repa.jp/ietso-poland

Virtual
**International
Conference**
IETSO 2020



www.repa.jp



Gdańsk City in Poland