



4th INTERNATIONAL SCIENTIFIC CONFERENCE ON **ECOLOGICAL AND ENVIRONMENTAL ENGINEERING**



14-17 May 2024
Beja, PORTUGAL

<https://coee.urk.edu.pl>

2ND ANNOUNCEMENT

WELCOME AND INVITATION

Ladies and Gentlemen,

On behalf of scientific and organizing committee of the 4th International Conference of Ecological and Environmental Engineering, we would like to invite you to Beja city, Portugal. Nowadays, new challenges arise looking for transdisciplinary approach towards work out complex solutions. Thus, this conference creates a new platform to jointly generate new discussions for a common and better science in the future.

The conference will be an excellent opportunity to exchange ideas related to several areas of environmental sciences as water and wastewater technology, water and waste management, environmental risk assessment, renewable energy, sustainable development and circular economy, air pollution and climate change, geoinformation and remote sensing, and innovation – environmental engineering 4.0.

The idea of organizing this cyclical conference arose on the well-established cooperation between eight Polish Universities: University of Life Science in Lublin, University of Agriculture in Kraków, Wrocław University of Environmental and Life Science, Poznań University of Life Science, Warsaw University of Life Sciences, University of Warmia and Mazury in Olsztyn, Gdańsk University of Technology, and Rzeszów University of Technology with Polytechnic Institute of Beja (Portugal). Recently the following institutions have joined the cooperation in the organization of the conference Polytechnic University of Catalonia (Spain), Czech University of Life Sciences Prague (Czech Republic), Henan Agricultural University (China), University of Prishtina (Kosovo), Technical University of Crete (Greece), Lublin University of Technology (Poland), Warsaw University of Technology (Poland) as well as three Polytechnic Institutes in Portugal (Coimbra, Setúbal, Viana do Castelo).

Beja is the main city of Baixo Alentejo region, considered a quiet and welcoming city with a beautiful walled centre and fascinating places to visit and discover. Its picturesque squares, good restaurants where Alentejo food and wine are a must and affordable accommodation make it an ideal combination for a relaxing stay and a purely Portuguese experience. Beja city also stands out because it is in an important winemaking and olive oil region. Here you can taste its delicious wines and olive oils, produced in these lands, in any of its 7 wine cellars dedicated to ecotourism. The delicious conventual sweets, like the handmade chocolate of Beja, which combines chocolate with the traditional flavors of the region of Alentejo (honey, olive oil, wine, cheese, pennyroyal, and rosemary) are also experiences not to be missed.

We hope that the 4th International Conference on Ecological and Environmental Engineering and the city of Beja itself will encourage you to actively participate in this interesting event.

Welcome to Beja!

Welcome to Portugal!

CONFERENCE TOPICS

1. Water and Wastewater Management
2. Renewable Energy and Carbon Footprint
3. Waste Management and Circular Economy
4. Air Pollution and Climate Change
5. Risk Assessment and Environmental Toxicology
6. Geoinformation and Remote Sensing
7. Environmental Engineering 4.0

HONORARY PATRONAGE

- Prof. Maria de Fátima Carvalho** – President of the Polytechnic Institute of Beja, Portugal
- Prof. Jaroslaw Bosy** – Rector of the Wrocław University of Environmental and Life Sciences, Poland
- Prof. Jorge Conde** - President of the Polytechnic Institute of Coimbra, Portugal
- Prof. Daniel Crespo** – Rector of Polytechnic University of Catalonia, Spain
- Prof. Xiaolei Jie** – President of Henan Agricultural University, China
- Prof. Piotr Koszelnik** – Rector of the Rzeszów University of Technology, Poland
- Prof. Krzysztof Kowalczyk** – Rector of the University of Life Sciences in Lublin, Poland
- Prof. Ângela Maria Lemos** – President of the Polytechnic Institute of Setúbal, Portugal
- Prof. Zervakis Michalis** – Rector the Technical University of Crete, Greece
- Prof. Zbigniew Pater** – Rector of the Lublin University of Technology, Poland
- Prof. Jerzy Przyborowski** – Rector of the University of Warmia and Mazury in Olsztyn, Poland
- Prof. Qerim Qerimi** – Rector of the University of Prishtina, Kosovo
- Prof. Carlos Rodrigues** – President of the Polytechnic Institute of Viana do Castelo, Portugal
- ~~**Prof. Petr Sklenička** – Rector of Czech University of Life Sciences Prague, Czech Republic~~
- Prof. Krzysztof Szoszkiewicz** – Rector of the Poznań University of Life Sciences, Poland
- Prof. Sylwester Tabor** – Rector of the University of Agriculture in Kraków, Poland
- Prof. Krzysztof Wilde** – Rector of the Gdańsk University of Technology, Poland
- Prof. Krzysztof Zaremba** – Rector of the Warsaw University of Technology, Poland
- Prof. Michał Zasada** – Rector of the Warsaw University of Life Sciences, Poland

SCIENTIFIC COMMITTEE

- Krzysztof Józwiakowski** (University of Life Sciences in Lublin, Poland) – **Chair**
- Patrícia Alexandra Dias Brito Palma** (Polytechnic Institute of Beja, Portugal) – **Deputy Chair**
- Klaudia Borowiak** (Poznań University of Life Sciences, Poland) – **Deputy Chair**
- Magdalena Gajewska** (Gdańsk University of Technology, Poland) – **Deputy Chair**
- Piotr Bugajski** (University of Agriculture in Kraków, Poland) – **Deputy Chair**

Mônica Aguiar – Brazil
Figene Ahmedi – Kosovo
António Albuquerque – Portugal
Theis Raaschou Andersen – Denmark
Kazimierz Bęcek – Poland
Paulo Belli Filho – Brazil
Małgorzata Biniak-Pieróg – Poland
Andrzej Bochniak – Poland
Floris Boogaard – Netherlands
Gabriel Borowski – Poland
Paulo Brito – Portugal
Agnieszka Bus – Poland
Luiza Campos – Great Britain
Paulo Clairmont – Brazil
Maria Teresa Carvalhos – Portugal
Júnia Caturra – Portugal
Laima Cesoniene – Lithuania
Humberto Chaves – Portugal
Giuseppe Cirelli – Italy
Aneta Czechowska-Kosacka – Poland
Wojciech Czekala – Poland
Krzysztof Czerwionka – Poland
Lidia Dąbek – Poland
Wojciech Dąbrowski – Poland
Jacek Dach – Poland
Midona Dapkiene – Lithuania
Jean Diatta – Poland
Elizabeth Duarte – Portugal
Ewa Felis – Poland
Paula Ferreira – Portugal
Renata Ferreira – Portugal
Joan Garcia – Spain
Petros Gikas – Greece
Katarzyna Glińska-Lewczuk – Poland
Mirna Habuda-Stanić – Croatia
Piotr Herbut – Poland
Wojciech Janczukowicz – Poland
Agnieszka Karczmarczyk – Poland
Jan Kazak – Poland
Alina Kowalczyk-Juśko – Poland
Beata Kowalska – Poland
Leszek Książek – Poland
Dorota Kulikowska – Poland
Laura Kusari – Kosovo
Guenter Langergraber – Austria
Wanderli Leite – Brazil
Ana Lopes – Portugal
Bruna Magnus – Brazil

Myroslav Malovanyy – Ukraine
Fabio Masi – Italy
Andrzej Mazur – Poland
Wolfgang Merkle – Switzerland
Matilde Moreira-Santos – Portugal
Hans Joachim Nägele – Switzerland
Livia Nistor-Lopatenco – Moldova
Katarzyna Ognik – Poland
Tomasz Okruszko – Poland
Agnieszka Operacz – Poland
Lavdim Osmanaj – Kosovo
Adam Paruch – Norway
Katarzyna Pawęska – Poland
Małgorzata Pawłowska – Poland
Krzysztof Pulikowski – Poland
Wei Qiao – China
Maria Albertina Raposo – Portugal
Elsa Rodrigues – Portugal
Joanna Rodziewicz – Poland
Czesława Rosik-Dulewska – Poland
Stelios Rozakis – Greece
Ricardo Salgado – Portugal
Tadeusz Siwiec – Poland
Isabel Soares – Portugal
Mariusz Sojka – Poland
Bartosz Sołowiej – Poland
Barbara Sowińska-Świerkosz – Poland
Rafał Stasik – Poland
Agnieszka Stec – Poland
Alexandros Stefanakis – Greece
Otto R. Stein – United States of America
Anna Szymczak-Graczyk – Poland
Arthur Thornton – Great Britain
Konrad Thürmer – Germany
Guohang Tian – China
Tomasz Tymiński – Poland
Viola Vambol – Ukraine
Iryna Vaskina – Ukraine
Paola Verlicchi – Italy
Jan Vymazal – Czech Republic
Justyna Walczak – Poland
Józefa Wiater – Poland
Mirosław Wiatkowski – Poland
Maria Włodarczyk-Makula – Poland
Shubiao Wu – Denmark
Ierotheos Zacharias – Greece
Monika Żubrowska-Sudoł – Poland

ORGANIZING COMMITTEE

Maria Adelaide Araújo Almeida (Polytechnic Institute of Beja, Portugal) – **Chairman**
Anabela Cândida Ramalho Durão (Polytechnic Institute of Beja, Portugal) – **Deputy Chair**
Patrycja Pochwatka (University of Life Sciences in Lublin, Poland) – **Deputy Chair**
Marta Lisiak-Zielińska (Poznań University of Life Sciences, Poland) – **Deputy Chair**
Karolina Migdał (University of Agriculture in Kraków, Poland) – **Deputy Chair**
Jorge Manuel Rodrigues Tavares (Polytechnic Institute of Beja, Portugal) – **Secretary**

Justyna Czajkowska - Poland
Joanna Czarnota – Poland
Ewelina Janicka – Poland
Joanna Jaskuła – Poland
Karolina Józwiakowska – Poland
Magda Kasprzyk – Poland
Barbara Kępowicz – Poland
Yang Liu – China

Ana Mata – Portugal
Ana Pardal – Portugal
Carla Rodrigues – Portugal
Flávia Silva – Portugal
Mário Tomé – Portugal
Anna Wilińska-Lisowska – Poland

CONFERENCE VENUE

The 4th COEE will take place at:

Presidency Building, Polytechnic Institute of Beja - BEJA, PORTUGAL

Address: Campus of Polytechnic Institute of Beja, Rua Pedro Soares, 7800-295 Beja

<https://coee.urk.edu.pl>

IMPORTANT DATES

1 ST ANNOUNCEMENT	JUNE 1, 2023
2 ND ANNOUNCEMENT (Abstract template on website)	OCTOBER 16, 2023
DEADLINE FOR REGISTRATION AND ABSTRACTS SUBMISSION	JANUARY 29, 2024
NOTIFICATION OF ACCEPTANCE FOR AUTHORS (Oral and Poster templates on website)	FEBRUARY 12, 2024
EARLY DEADLINE PAYMENT	FEBRUARY 29, 2024
DEADLINE FOR PAYMENT	MARCH 15, 2024
3 RD ANNOUNCEMENT AND CONFERENCE PROGRAMME	APRIL 15, 2024

REGISTRATION AND PAYMENT

REGISTRATION FEE

Early regular fee: €400 (until Feb. 29th 2024)
Regular fee: €450 (from March 01st 2024)
*Early Young researcher: €225 (until Feb. 29th 2024)
*Young researcher: €275 (from March 01st 2024)

* This type of fee is for bachelor, master, and PhD students (Send the proof to: 4coee@ipbeja.pt)

ACCOUNT FOR PAYMENT

Account number:

IBAN: PT50001800033144389802015

SWIFT: TOTAPTPL

Additional information:

Name of bank: Banco Santander Totta, SA

Account owner: Instituto Politécnico de Beja

Payment title: name and surname' 4COEE

"Send the proof of bank transfer to: 4coee@ipbeja.pt and cristina.romao@ipbeja.pt"

Conference package includes:

- Full access to all conference sessions.
- Conference materials (including digital certificate, abstracts E-book with ISBN, Poster screen – 2 minutes presentation).
- Coffee breaks, lunches, welcome drink, gala dinner*.
- Technical trip.

*Gala dinner for companions' should be pay separately.

Full papers submitted up to 3rd June 2024 will be selected and pre-reviewed by the Scientific Committee and recommendation to the submission of the articles to journals given below will be provided:

- **Ecological Engineering (IF = 3.8)**
<https://www.sciencedirect.com/journal/ecological-engineering>
- **Desalination and water treatment (IF = 1.1)**
<https://www.deswater.com/home.php>
- **Journal of Ecological Engineering (IF = 1.3)**
<http://www.jeeng.net>
- **Advances in Science and Technology Research Journal (IF = 1.1)**
<http://www.astrj.com>
- **Nature-Based Solutions**
<https://www.sciencedirect.com/journal/nature-based-solutions>
- **Water (MDPI) (IF = 3.4)** - Special issue: "Chemical Analysis and Ecotoxicological Effects in Aquatic Ecosystems":
https://www.mdpi.com/journal/water/special_issues/aquaticecosystem_chemical_ecotoxicology
- **Journal of Water and Land Development**
<https://www.itp.edu.pl/JWLD/>
- **Acta Scientiarum Polonorum – Formatio Circumiectus (IF = 0.4)**
<http://acta.urk.edu.pl/>

All papers must report original, previously unpublished, scientific, and technical findings in the scopes of the conference. The publication cost depends on the individual requirements of the journal and its covered by authors separately to conference costs. The articles must be submitted by authors to the selected Journal with proper information about the conferences (the text of the statement will be provided together with initial paper's recommendation). The Conference Scientific Committee does not take responsibility in case of rejection of the paper by Journal Editorial Board.

CONFERENCE PROGRAMME (preview)

May 14, 2024 - Tuesday

17.00 – 19.00	Early registration of participants
19.00 – 21.00	Welcome drink

May 15, 2024 - Wednesday

08.00 – 09.00	Registration of participants
09.00 – 09.30	Opening of the conference
09.30 – 11.00	Plenary session (2 keynote speakers) - Wojciech Janczukowicz - Iryna Vaskina
11.00 – 11.30	Coffee break
11.30 – 13.00	Plenary session (3 keynote speakers) - Elizabeth Duarte - Mélynda Hassouna - Alexandros Stefanakis
13.00 – 14.00	Lunch
14.00 – 15.00	Poster Session
15.00 – 16.30	Two parallel sessions: <i>I – Water and wastewater management</i> <i>II – Waste management and circular economy</i>
16.30 – 17.00	Coffee break
17.00 – 18.30	Two parallel sessions: <i>I – Water and wastewater management</i> <i>II – Air Pollution and Climate Change</i>
20.00	Gala dinner

May 16, 2024 - Thursday

09.00 – 10.30	Two parallel sessions: <i>I – Water and wastewater management</i> <i>II – Environmental Engineering 4.0 and Geoinformation and Remote Sensing</i>
10.30 – 11.30	Poster Session and coffee break
11.30 – 13.00	Two parallel sessions: <i>I – Water and wastewater management</i> <i>II – Renewable Energy and Carbon Footprint</i>
13.00 – 14.20	Lunch + Network meetings
14.30 – 17.00	Technical visit 1 - Water Treatment and Wastewater Treatment Plants – Águas do Alentejo, Beja (Maximum number of registrations: 40) Technical visit 2 - Herdade da Figueirinha (Sustainable wine and olive oil production)
17.30 – 20.00	City tour – Beja / Free night

May 17, 2024 - Friday

09.00 – 10.30	One session: <i>I – Risk Assessment and Environmental Toxicology</i>
10.30 – 10.45	Coffee break

10.45 – 11.30	End Conference Session (1 keynote speakers) - Damià Barceló Cullerès
11.30 – 12.00	Reward ceremony and closing remarks
12.15	Lunch or free time

CONTACT

Professor Jorge Manuel Rodrigues Tavares

Escola Superior Agrária - IPBeja, Campus do IPBeja, R. Pedro Soares – Apartado 6155 – 7800-295 Beja - Portugal

Phone: +351 284314300 (ext. 01129)

Email: 4coee@ipbeja.pt

Website: <https://coee.urk.edu.pl>