



23<sup>rd</sup> INTERNATIONAL ECO-CONFERENCE®

13<sup>th</sup> ECO-CONFERENCE® ON

# ENVIRONMENTAL PROTECTION OF URBAN AND SUBURBAN SETTLEMENTS

NOVI SAD, SERBIA, 25<sup>th</sup> - 27<sup>th</sup> September 2019

## INVITATION

*Technical support:*

**ECOLOGICAL MOVEMENT OF NOVI SAD**

E-mail: [ekopokretns@gmail.com](mailto:ekopokretns@gmail.com)

Website: [www.ekopokret.org.rs](http://www.ekopokret.org.rs)

*Patronage:*



*Organizers:*



**UNIVERSITY  
NOVI SAD**



**RUSSIAN STATE  
AGRARIAN UNIVERSITY  
- MTAA**



**INTERNATIONAL  
INDEPENDENT  
ECOLOGICAL POLITICAL  
UNIVERSITY IN MOSCOW**



**INSTITUTE OF  
FIELD AND VEGETABLE  
CROPS NOVI SAD**



**INSTITUTE OF FOOD  
TECHNOLOGY  
NOVI SAD**



**PASTEUR INSTITUTE  
OF NOVI SAD**



**LEGAMBIENTE  
d'ITALIA**

## ***ECO - CONFERENCE<sup>®</sup> : MOTIVES***

The Resolution of Eco-Conference<sup>®</sup> in 1995 stated that the scientific-professional Conference on environmental protection of urban and suburban settlements would be organized in Novi Sad every odd year.

The organizer was motivated by the fact that the industrial development and intensive urbanization have not been accompanied by rational use of natural resources or protection of the environment. The initial idea was that Eco-Conference<sup>®</sup> should become a traditional meeting of scientists and professionals who would contribute to solutions of various environmental problems by presenting and exchanging experiences, opinions and ideas.

In order to complete the general goals of the conference programme, the complementary Eco-Conference<sup>®</sup> on safe food has been organized in even years starting from 2000.

From 2007, the Eco-Conference<sup>®</sup> has a purely scientific character, as decided by the Programme Council of the Ecological Movement of Novi Sad, as its organizer.

## ***ECO - CONFERENCE<sup>®</sup> : OBJECTIVES***

The Eco-Conference<sup>®</sup> is organized in order to:

- Provide objective views (avoiding under - or overestimating) on causes/agents contributing to environmental misbalance and levels of ecological threats to urban and suburban environment.
- Provide valuable information-communication basis for developing mid-term and long-term strategic programmes for: (a) integral environment protection, (b) commodity quality protection, (c) assessment of life quality and (d) promoting and supporting the concept and practice of sustainable development.

Consequently, each Eco-Conference<sup>®</sup> is a multi-dimensional event, in which scientists and experts of various profiles present and discuss numerous aspects of living and working conditions.

## ***ECO - CONFERENCE<sup>®</sup> : THEMATIC SCOPE***

Papers submitted for the Eco-Conference<sup>®</sup> may target any topic within the Conference's general thematic framework:

**a)** Physical components of urban environment related to places of work, residence and recreational activities:

- Air, water, soil, biosphere
- Noise, vibrations, radiation, light.

**b)** Social components of urban environment:

- Socio-economic position, security, employment, civil rights concerning work, education, retirement
- Cultural-spiritual values, heritage, traditional crafts
- Security challenges and community support to the family as the basic social unit.

In respect of the industrial civilization expansion, intense urbanization, demographic changes, economic turbulence in transitional societies, the Eco-Conference<sup>®</sup> focuses on causes and consequences of environmental degradation, as well as on protection measures, resources and activities, improvements and good practices.

The general thematic framework stresses the fact that there are no borders preventing the chain-effects of environmental degradation and also covers the problems related to processing industries (chemical, oil, textile, leather, metal, cellulose...).

## **OFFICIAL LANGUAGE OF THE ECO - CONFERENCE®**

The Eco-Conference® official language is English.  
The Proceedings are published in English.

### **SESSIONS**

**Session 1:** Environment: a) air; b) water; c) soil and d) biosphere

**Session 2:** Technical-technological aspects of environmental protection (eco-engineering)

**Session 3:** Social aspects of environmental protection (sociological, health, cultural, educational, recreational) with special emphasis on the protection of cultural heritage in urban and suburban settlements

**Session 4:** Economic aspects of environmental protection

**Session 5:** Legal aspects of environmental protection

**Session 6:** Designing an ecological system - informatics and computer applications in integral environmental protection

**Session 7:** Sustainable development of urban and suburban settlements - environmental aspects

### **HONORARY COMMITTEE**

#### ***President:***

- **Prof. PhD Dragan Stanić**, President of Matica Srpska, Serbia

#### ***Vice-presidents:***

- **Prof. PhD Dejan Jakšić**, Rector, University of Novi Sad, Serbia
- **Prof. PhD Vladimir Bautin**, Rector, Russian State Agrarian University-MTAA, Moscow, Russian Federation
- **Prof. PhD Stanislav A. Stepanov**, Rector, International Independent Ecological-Politicological University, Moscow, Russian Federation
- **Prof. PhD Dušan Lalošević**, Director, Pasteur Institute, Novi Sad, Serbia
- **PhD Svetlana Balešević Tubić**, Director, Institute for Field and Vegetable Crops, Novi Sad, Serbia
- **PhD Olivera Djuragić**, Principal Research Fellow, Institute for Food Technology, Novi Sad, Serbia
- **PhD Biljana Panjkovic**, Director, Institute for Nature Protection of Vojvodina Region, Serbia
- **Vittorio Cogliati Dezza**, President, Legambiente d' Italia, Italy

## SCIENTIFIC COMMITTEE

### *President:*

- **Academician Rudolf Kastori**, Academy of Science and Art of Vojvodina, Novi Sad, Serbia and Hungarian Academy of Sciences, Budapest, Hungary

### *Vice-presidents:*

- **Prof. PhD Stevan Stamenkovski**, Vice-Chancellor for Science, University of Novi Sad, Serbia
- **Prof. PhD Evgenij Ivanovich Koshkin**, Vice-Chancellor for International Cooperation, Russian State Agrarian University-MTAA, Moscow, Russian Federation
- **Prof. PhD Marfenin N.N.**, Vice-Chancellor for Science, International Independent Ecological-Politicological University, Moscow, Russian Federation
- **PhD Nebojša Ilić**, Research Associate, Institute for Food Technology, Novi Sad, Serbia
- **PhD Ana Marija Jeromela**, Assistant Director for Science, Institute for Field and Vegetable Crops, Novi Sad, Serbia
- **Dr Verica Simin**, Assistant Director for Science, Pasteur Institute, Novi Sad, Serbia
- **Prof. PhD Baccichet Moreno**, University of Ferrara, Faculty of Philology and Philosophy, Italy

### *Secretary:*

- **Ljubica Aleksić**, Organizer of the Ecological Movement of Novi Sad

### *Members:*

- **Academician Vaskrsija Janjić**, University of Belgrade, Faculty of Agriculture, Serbia
- **Academician Vukadin Leovac**, University of Novi Sad, Faculty of Mathematics and Natural Sciences, Serbia
- **Prof. PhD Ištvan Bikit**, University of Novi Sad, Faculty of Mathematics and Natural Sciences, Department for Physics, Serbia
- **Prof. PhD Desanka Božidarević**, University of Novi Sad, Faculty of Agriculture, Serbia
- **Prof. PhD Biserka Dimiskovska**, University „St. Cyril and Methodius”, Institute for Earthquake Engineering and Engineering Seismology (IZIIS), Skopje, Macedonia
- **Prof. PhD Ivana Djujić**, University of Belgrade, Biological Faculty, Food Chemistry Department, Serbia
- **PhD Aleš Golja**, University of Ljubljana, Faculty of Civil and Geodetic Engineering, Slovenia
- **Prof. PhD Vladan Joldžić**, University of Belgrade, Biological and Chemical Faculty, Institute for Criminological and Sociological Research, Serbia
- **Prof. PhD Marjan Jošt**, JOST Seed-Research, Križevci, Croatia
- **Prof. PhD Gabriele Jovtchev**, Institute of Biodiversity and Research, Sofia, Bulgaria
- **Prof. PhD Kadar Imre**, Research Institute for Soil Science and Agricultural Chemistry, Hungarian Academy of Sciences, Budapest, Hungary
- **Prof. PhD Nila Kapor Stanulović**, University of Novi Sad, Faculty of Philosophy, Serbia
- **Prof. PhD Borivoj Krstić**, University of Novi Sad, Faculty of Mathematics and Natural Sciences, Serbia

- **Prof. PhD Slobodan Krnjetin**, University of Novi Sad, Faculty of Technical Sciences, Serbia
- **Prof. PhD Ivana Maksimović**, University of Novi Sad, Faculty of Agriculture, Serbia
- **Prof. PhD Dragutin Mihailović**, University of Novi Sad, Faculty of Agriculture, Serbia
- **Prof. PhD Rodoljub Oljača**, Faculty of Forestry, University of Banja Luka, Bosnia and Herzegovina
- **Prof. PhD Mihailo Peruničić**, University of Novi Sad, Faculty of Technology, Serbia
- **Ph.D. Mohammad Taghi Razavian**, Associate Professor, Shahid Beheshti University, Department of Geography, Evin, Tehran, Iran
- **Prof. PhD Aleh Rodzkin**, International Sakharov Environmental University, Minsk, Belarus
- **Prof. PhD Atila Salvai**, University of Novi Sad, Faculty of Agriculture, Serbia
- **Prof. PhD Velibor Spalević**, University of Montenegro, Faculty of Philosophy, Geography Department
- **Prof. Tomislav Šola**, University of Zagreb, Faculty of Humanities, Department of Information Sciences, Chair of Museology, President „The Best in Heritage”, Croatia
- **Prof. PhD Radmila Šovljanski**, University of Novi Sad, Faculty of Agriculture, Serbia
- **Prof. PhD Victor Veniaminovič Zakrevskiĭ**, Resident Professor, Nort-Western State Medical University named after I. I. Mechnikov, Sankt Petersburg, Russian Federation
- **Prof. PhD Lu Zhongmei**, LLB, Beijing University, Wuhan University, Vice President of the Higher People’s Court of Hubei Province and Deputy of the National People’s Congress, China, LLM, LLD,
- **Doc. PhD Marina Putnik Delić**, University of Novi Sad, Faculty of Agriculture, Serbia
- **PhPhD Djordje Okanović**, Principal Research Fellow of the Institute for Food Technology in Novi Sad (FINS), Serbia.
- **PhPhD Vera Popović**, Institute for Field and Vegetable Crops, Novi Sad, Serbia

## **ORGANIZING COMMITTEE**

### *President:*

- **Nikola Aleksić**, Director, Ecological Movement of Novi Sad, Serbia

### *Vice-president:*

- **Angelo Mancone**, Legambiente Veneto, Rovigo, Italy

### *Secretary:*

- **Zoran Kovačević**, Organizer, Ecological Movement of Novi Sad, Serbia

### *Members:*

- **Prof. PhD Milan Stanulović**, University of Novi Sad, Faculty of Medicine, Serbia
- **Prof. PhD Dragoslav Stoiljković**, University of Novi Sad, Faculty of Technology, Serbia
- **Doc. PhD Nenad Bingulac**, University of Novi Sad, Faculty of Law, Serbia
- **PhD Emina Mladenović**, University of Novi Sad, Faculty of Agriculture, Serbia
- **MA Slađana Đuranović**, Professor of English language and literature, Serbia
- **M.Sc. Milenko Košutić**, Eng., Expert Assistant, Institute for Food Technology, Novi Sad (FINS), Serbia
- **M. Sc. Bratimir Nešić**, Translator, Ecological Movement of Novi Sad, Serbia

- **Luka Vujašinić**, Organizer, Ecological Movement of Novi Sad, Serbia

## ***PARTICIPATION FEE***

Participation fee **per paper** until 10<sup>th</sup> July is €50. Fee is payable by the first author.  
Participation fee **per paper** after 10<sup>th</sup> July is €100.

The following is included in the participation fee for authors of papers and participants (attendants):

- Eco-Conference<sup>®</sup> 2019 Proceedings with papers printed in whole, in English
- daily meals (lunches) at an exclusive restaurant
- refreshments during the sessions of the Eco-Conference<sup>®</sup> 2019
- Participation in a variety of accompanying cultural events:
  - Nature preservation exhibition
  - Concert
  - Banquet
  - Excursion (lunch included).

Participation fee is payable to the foreign currency account of the Ecological Movement of Novi Sad: **Beneficiary:** Eko-konferencija Novi Sad, bul Cara Lazara 83/1-11, 21000 Novi Sad, Serbia.

Please find listed below the instructions for your incoming EUR payments, as follows:

**"VOJVODANSKA BANKA AD  
MEMBER OF OTP GROUP"  
14.03.2018**

**56A Intermediary Institution - BIC  
DEUTDEFF  
DEUTSCHE BANK AG  
FRANKFURT AM MAIN, DE, GERMANY**

**57A Account With Institution - BIC  
/100 9365289 0000MONEY TRANSFER PAYMENT INSTRUCTIONS  
IN EUR**

**In order to remit EUR amounts to your account with VOJVODANSKA  
BANKA AD please proceed according to  
following payment instructions:**

**VBUBRS22  
VOJVODJANSKA BANKA AD  
NOVI SAD, RS  
59 Beneficiary Customer - Name & Address  
/RS35355000320063729015  
ECO-CONFERENCE OF NOVI SAD 1995  
BULEVAR CARA LAZARA 83/1-11  
NOVI SAD, RS**

Authors from Serbia pay the participation fee in dinar counter-value onto the special purpose account at **Vojvodanska banka a.d. Novi Sad** under the name of:

**Eko-konferencija  
Novi Sad  
Number: 355-3200637286-27**

### ***DEADLINES***

**We kindly ask you to send your application forms as soon as possible.**

**Deadline for submission of papers: May 31<sup>st</sup>, 2019.**

**Deadline for participation fee payment: August 31<sup>st</sup>, 2019**

Papers for which the participation fee has not been paid before the above-mentioned deadline shall not be published in the Proceedings of the Eco-Conference<sup>®</sup> 2019.

### ***VENUE OF THE OFFICIAL OPENING OF THE ECO-CONFERENCE<sup>®</sup>***

Public Company Sports and Business Centre "Vojvodina", Sutjeska Street No. 2, Novi Sad

### ***VENUE OF THE WORKING PART OF THE ECO-CONFERENCE<sup>®</sup>***

Institute for Nature Protection of Vojvodina region, Novi Sad, Radnička Street No 20A

### ***EDITORIAL GUIDELINES***

Papers should be submitted in **correct English** (whole), with a maximum of 8 pages, included abstract and key words, in A4 format with margins set to TOP: 62 mm; BOTTOM: 50 mm; LEFT: 45 mm; RIGHT: 40 mm.

**Papers written in poor English will not be taken into consideration.**

**Authors from Serbia are requested to submit their papers in both English and Serbian.**

**All papers are subject to reviews.**

### **IMPORTANT NOTES:**

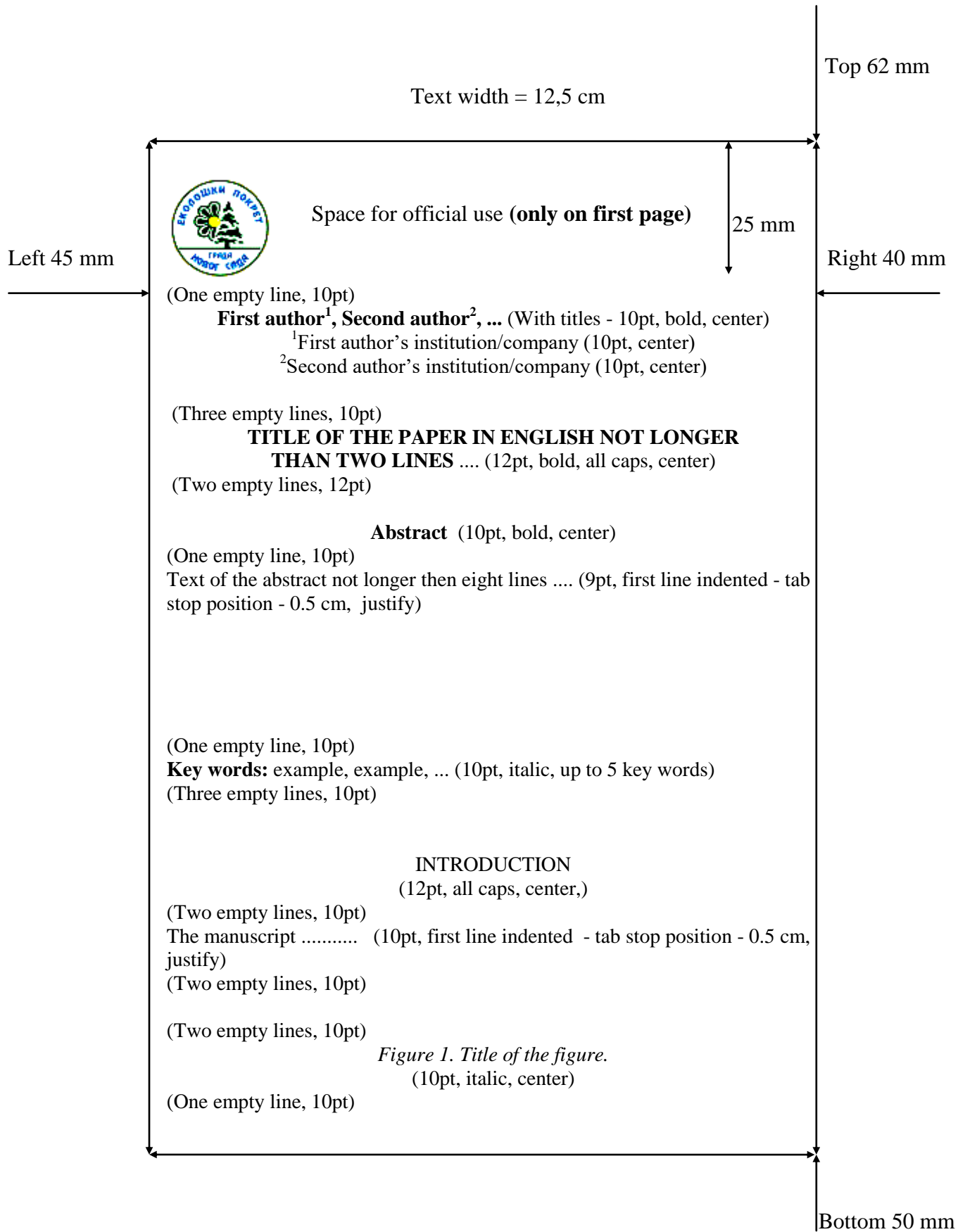
Papers should be sent to the organiser's E-mail address, with confirmed receipt.

Alternatively, papers should be sent to the Organizers address on a floppy disc or CD, including two printed copies of the paper.

Use **Microsoft Word for Windows** to edit your papers.

Use **Times New Roman** font, **Single** space and do not use **Footnotes**.

It is necessary to unify all headlines, quotation marks, dashes, listing marks etc.





Text width = 12,5 cm

(one empty line, 10pt)

*Table 1. Title of the table. (10pt, italic, center)*


(One empty line, 10pt)

Formulas are written as follows:

(One empty line, 10pt)

$$\frac{\int v_x^3 dA}{Av^3} = \alpha \quad (1)$$

(One empty line, 10pt)

(Functions, variables and Greek letters, in italics, numerals and other symbols in plain lettering basic, font size is 10pt, indexes 7pt, symbols 14pt. If equations are numbered, numerals should be in line with the right margin, otherwise they are centered.)

(Two empty lines, 10pt)

#### CONCLUSION

(and all other headlines 12pt, all caps, center, without numeration)

(Two empty lines, 10pt)

(Two empty lines, 10pt)

REFERENCES (10pt, all caps, Alignment Left,)

(One empty line, 10pt)

1. Petrović P., Petrović P.: *Name of publication* (title - italic), publisher, page, place, year. (10pt, numbered); list according to alphabetical order

#### NOTES:

1. Papers shall not be text proved additionally. Authors shall be held responsible for correctness of the English language used.
2. Papers written in poor English shall not be taken into consideration.
3. Only papers that have not been published until now should be applied with.
4. All papers are subject to reviews. After the review is completed the accepted papers shall be printed in the Proceedings of the Eco-Conference® 2017.
5. The Scientific Committee reserves the right to decide on the method of presentation (poster or report) depending on author's wishes, the number of submitted papers and the planned agenda.
6. The participants are entitled to act only once as principal authors and once as co-authors.

In the end, with our kind regards and gratitude for your readiness to contribute to successful organisation and holding of the 21<sup>th</sup> International Eco-Conference® 2017 we express our hope that your papers shall be submitted within the set dead lines.

## POSTER DIMENSIONS

Dimensions for poster are 80 x 100 cm.

Authors who decide to present their paper by poster have the obligation to explain the content of the poster in a few short sentences.

23<sup>st</sup> INTERNATIONAL ECO-CONFERENCE®  
13<sup>th</sup> ECO-CONFERENCE OF ENVIRONMENTAL PROTECTION  
OF URBAN AND SUBURBAN SETTLEMENTS  
Novi Sad, Serbia, 25<sup>th</sup> – 27<sup>th</sup> September 2019.

**REGISTRATION FORM**

Please return this form before deadline to:

**EKOLOŠKI POKRET NOVOG SADA, Vojvodjanskih brigada 17, 21000 Novi Sad, Serbia**

Tel: +381 21 63 72 940 ; Tel: ++ 381 69 304 73 38 ; e-mail: [ekopokretns@gmail.com](mailto:ekopokretns@gmail.com) ; web site : [www.ekopokret.org.rs](http://www.ekopokret.org.rs)

Title, first name and family name : \_\_\_\_\_

Institution or company : \_\_\_\_\_

Address : \_\_\_\_\_

Phone / Fax &  
Mobile Phone \_\_\_\_\_

E-mail : \_\_\_\_\_

Paper title : \_\_\_\_\_

> Session No. : \_\_\_\_\_

Category :                      Research paper                       Review paper

**Please send applications as soon as possible**

**Deadline for submission of papers : 31<sup>st</sup> May 2019**

**Deadline for the payment of participation fee: 31<sup>st</sup> August 2019**

Place and date : \_\_\_\_\_

Signature : \_\_\_\_\_

# GENERAL AGENDA ECO-CONFERENCE® 2019

**Wednesday, 25<sup>th</sup> September**

Public Company Sports and Business Center "Vojvodina", Sutjeska Street No. 2

**10:00-13:00**      **Official Opening of the Eco-Conference® 2019**

- Cultural-Entertainment Programme
- Opening of the Eco-Conference® 2019
- Welcoming Addresses
- Opening Presentations
- Cocktail

**13:00-15:00**      Lunch break

## **Working session**

Institute for Nature Protection of Vojvodina Region, Novi Sad, Radnička Street 20A

Authors will have at their disposal all necessary equipment for the presentation of their papers (lasting up to ten minutes) including video beam, overhead projectors etc.

The order of presentations will be defined per sessions in the final work programme based on the submitted papers and possibilities for presentation.

**Depending on the authors' wishes and the number of submitted papers, the Scientific Committee reserves the right to decide on the method of presentation (poster or complete paper) in compliance with the time-frame planned for presentation of papers.**

**14:00-15:00**      Poster displaying

**15:00-19:00**      Verbal presentations  
Poster session

**17:00-17:30**      Coffee break

During the working part of the Eco-Conference® 2019 the Nature exhibition will be organized on the premises of the Institute for Nature Protection of Vojvodina Region, Novi Sad, and participants can visit it during the planned breaks.

**20:30**              **Concert**

**Thursday, 26<sup>th</sup> September**

**08:00-09:00**      Poster displaying

**09:00-13:00**      Verbal presentations  
Poster session

**11:00-11:30**      Coffee break

**13:00-15:00**      Lunch break

<b>14:00-15:00</b>	Poster displaying
<b>15:00-19:00</b>	Verbal presentations Poster session
<b>17:00-17:30</b>	Coffee break
<b>21.00</b>	<b>Official dinner marking the completion of the working part of the Eco-conference® 2019</b>

**Friday, 27<sup>th</sup> September**

**Excursion**

<b>10:00</b>	Departure
<b>15:00</b>	Return to the hotels

**Destination:** (will be in final programme).

***HOTEL ACCOMMODATION IN NOVI SAD***

Please, contact authorized travel agency for accommodation.

Authorized tourist agency:

**KOMPAS**

Bulevar Mihajla Pupina 15  
21000 Novi Sad  
Serbia

Phone: + 381 21 66 11 299

+ 381 21 66 12 306

+ 381 21 423 788

Fax: + 381 21 66 22 221

+ 381 21 66 16 468

E-mail: [kompasns@eunet.rs](mailto:kompasns@eunet.rs)