

## *First Call*

NIRD URBAN-INCERC organizes the **21st edition of the research conference on constructions, economy of buildings, architecture, urban and territorial development**

# **NATURE AND GREEN INFRASTRUCTURE-BASED ENGINEERING, DESIGN AND PLANNING SOLUTIONS**

**12 May 2022**

The conference topic relies on two key concepts of the European Commission, related to the policies from different fields, and the studies substantiating them. The European Commission defines **nature-based solutions** as “*Solutions that are inspired and supported by nature, which are cost-effective, simultaneously provide environmental, social and economic benefits and help build resilience. Such solutions bring more, and more diverse, nature and natural features and processes into cities, landscapes and seascapes, through locally adapted, resource-efficient and systemic interventions. Nature-based solutions support major EU policy priorities, in particular the European Green Deal, biodiversity strategy and climate adaptation strategy, as a way to foster biodiversity and make Europe more climate-resilient.*” According to the European Commission, the **green infrastructure** is defined in tied connection to its **ecosystem services**, object of the Millenium Ecosystem Assessment, as a “*strategically planned network of natural and semi-natural areas with other environmental features designed and managed to deliver a wide range of ecosystem services such as water purification, air quality, space for recreation and climate mitigation and adaptation*”. Starting from the two concepts, the **objective** of the conference is to challenge a reflection on the solutions provided by urban planning, architecture and civil engineering that can torn these concepts into reality as recommended by the European Commission.

**The event** will be organized online by the National Institute for Research and Development in Constructions, Urbanism and Sustainable Spatial Development URBAN-INCERC as a virtual conference with oral communications, not to exceed 15 minutes (including the questions), presented via *share screen* in moderated sessions, and workshops dedicated to presenting and discussing the results of recent NIRD URABN-INCERC projects. The delivery of presentations is limited to the registered participants. The **registration** is free of any charge and can be done **only** by the Internet form at: <https://docs.google.com/forms/d/1lzJZSV7JfxrM0ecGJJVExGfmQxSbC54NoH1ponD1TPM/viewform> **Attention!** After the registration, the browser will display a confirmation page. This is the only confirmation of your participation; no e-mail confirming the registration will be received. However, the organizers will confirm the reception of materials to be presented and/or published, notifying the corresponding author only if they are acceptable or indicating the required changes.

Taking into account that the event presumes the delivery of presentations (supporting text and audio) and publication of supporting materials (abstracts and full papers), the organizers warn potential attendants on the fact that the management of the two is done **independently**. In more details, the program that will be available on **2 May 2022** is based **exclusively** on the online registrations and submission of materials. If authors submit articles or full papers, they are not found on the website unless the authors register them through the dedicated website and submit the supporting materials (supporting text and audio) by the deadline. Similarly, the materials submitted for publication do not use any information provided during the registration of presentations.

In order to present an oral communication or poster, each participant must register no later than **30 April 2022**. In addition, NIRD URBAN-INCERC offers attendants the chance to submit their work (abstracts and full papers) to its publications, available at <http://pub.incd.ro/>, as described below. The order of publications in the list corresponds to increasing importance and exigencies. In any case, their publication is **conditioned** by the **acceptance of reviewers** and **strict observance of guidelines**.

- **Abstracts** (written in English and Romanian by the Romanian authors and English by the foreign authors) are published in “*Conferința de cercetare în construcții, economia construcțiilor, urbanism și amenajarea teritoriului. Rezumate ale lucrărilor*” (*Research conference on constructions, economy of constructions, architecture, urbanism and territorial development. Abstract Proceedings*), vol. 21, ISSN 2343-7537, indexed in *CiteFactor*, *ProQuest*, *Ulrich’s Web*, *Scipio*, *WorldCat* and *Europa World of Learning / Routledge* – website: <http://pub.incd.ro/AP/index.htm>. The deadline is **23 April 2022**.
- **Full proceeding papers** are published in “*Lucrările conferinței de cercetare în construcții, economia construcțiilor, urbanism și amenajarea teritoriului*” (*Paper proceedings of the research conference on constructions, economy of constructions, architecture, urbanism and territorial development*), vol. 21, ISSN 2393-3208, indexed in *CiteFactor*, *ProQuest*, *CEEOL*, *Scipio* and *Ulrich’s Periodicals Directory* – website: <http://pub.incd.ro/PP/index.htm>. The deadline is **23 April 2022**.
- **Full articles** are published in the journal *Constructions*, ISSN 1221-2709 (indexed with 31 databases and libraries) – websites: <http://constructii.incd.ro/> and <http://pub.incd.ro/C/index.htm>. The deadline is **30 April 2022**.
- **Full articles** are published in the journal *Urbanism. Architecture. Constructions*, ISSN 2069-0509 (indexed with 61 databases and 100 libraries – websites: <http://uac.incd.ro/EN/> and <http://pub.incd.ro/UAC/EN/index.htm>). The deadline is **30 April 2022**.

In order to make the Abstract and Paper Proceedings available to all attendants, no submissions will be accepted for publication after the deadline, although participants registered after **23 April 2022** will be allowed to present their work. The deadlines for journals can be extended. In choosing the journal, civil engineers must account for the fact that *Constructions* requires very technical papers, with a rigorous mathematical substantiation proved by equations, and describing experimental results, while *Urbanism. Architecture. Constructions* has a broader audience and accepts more general papers, which do not necessarily include equations or experimental results. Furthermore, *Urbanism. Architecture. Constructions* requires authors a rich bibliography, including at least 25 titles, out of which 90% should be published (journal articles, books and book chapters) and at least 80% should be ISI or Scopus journal articles, and strictly enforces the observance of Author Guidelines. Along with the strict observance of the Author Guidelines, these are conditions and not recommendations; if they are not met, no article is accepted to the review process.

### **Guidelines**

Please do not submit any document, such as Power Point presentation, to the organizers. The only documents that can be submitted are the abstracts and full papers. The only acceptable format is Word 2003 or previous (DOC). **Documents submitted in other formats (DOCX, PDF) will not be taken into consideration.**

**Published materials** (abstracts, proceedings papers and articles) must meet the Author Guidelines specified on each publication’s site. Non-compliance results in an automatic rejection from publication, although authors can present their work (supporting text and audio) in the conference.

**Language.** Romanian authors will draft their presentations and full proceedings papers in Romanian or any foreign language, abstracts in Romanian and English. Foreign attendants will write the abstracts in English, implying a permission given to the organizers for translating them in Romanian, if needed (based on the attendance), and full proceedings papers in English or French. Full journal papers will be submitted in English for all journals. Presentations will be made in Romanian, English or French.

### **Guidelines for attending the conference via Zoom**

In order to present, but also to attend the event, the participants must download and install ZOOM; participation is possible from a device with a video camera and microphone, embedded (laptops, mobile phones) or external (desktop). There is a ZOOM version for mobile phones and tablets; it is harder to use it to present. The application can be downloaded charge free from the Internet address [https://zoom.us/download#client\\_4meeting](https://zoom.us/download#client_4meeting) or (for mobile phones and tablets) from the AppStore or Google Play. After installing, it is highly recommended to create a profile, or at least when attending to click on the window corresponding to their name/device and edit their name, making the real name known to the other participants.

In order to attend the conference, open from the Internet browser (Internet Explorer, Microsoft Edge, Mozilla Firefox, Google Chrome, Opera, Safari etc.) the URL communicated by the organizers and follow the on-screen guidelines. The program might ask for some info provided by the organizers (“Meeting ID”, “Passcode”). Alternatively, open ZOOM and connect from Home -> Join using the same info.

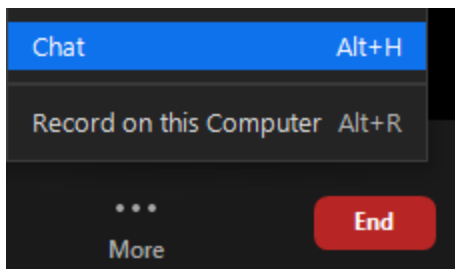


It is highly recommended to start the video camera ( **Stop Video** ) and microphone ( **Mute** ); in order to stop them, use the same control buttons from the bottom left part of the screen (if the application starts automatically in the “Full Screen” mode, they cannot be seen; in order to activate them, click “Exit Full Screen” from top right). When not presenting, please close your microphones to prevent the noise from your area affecting the conference. Especially phone calls are likely to disturb the other. In such cases, the organizers will intervene and close the microphones of participants disturbing the others. Remember to open the microphone when presenting or asking questions. The organizers will record (video and audio) the event; participation presumes an **implicit agreement**. Those willing to receive a copy of the records can receive it via file transfer; in their request, they must state whether they want the audio, video, or both records.



In order to present, use the “Share Screen” ( **Share Screen** ) function. Open the file to be presented before starting zoom. In order to present, click “Share Screen”, then choose the window to be presented (Power Point, Word, Adobe Acrobat etc.) It is better to save your presentation as a PDF file, because Adobe Acrobat has a minimal menu, compared to the other programs using the window space for control buttons. If using Power Point, choose a “virtual presentation” onto a new window, avoiding the visualization of the program menus.

Timing will be very strict. Each attendant has 15 minute, including the questions. The session chair will warn the presenter after 12 minutes, and cut off her/his microphone after 15 minutes; this is the only way to keep the event on time, showing respect to the others by not taking out of their time. The “chat” function, accessed clicking “More”, attendants can address questions or comments to the others or to a particular person selected from the list, writing a message and hitting “enter”. However, it is better to ask questions directly, using the video system. Do not abuse the “chat” function, as not all the attendants have time to answer, are familiar to ZOOM and can answer questions asked this way.



## Conference calendar

<i>Abstract &amp; Paper</i>		<i>Journal</i>	<i>Conference</i>	
<i>Proceedings submissions</i>	<i>Registration</i>	<i>submissions</i>	<i>Program</i>	<i>Conference</i>
23 April 2022	30 April 2022	30 April 2022	2 May 2022	2 May 2022

## Organizing committee

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