

# CALL FOR ABSTRACTS

## What and who?

**ISNGI 2021** provides a platform for infrastructure systems research and practice, especially for radical transdisciplinary research which seeks to conceptualize, enact and model an integrative approach and make a system-of-systems view to infrastructure operational.

**ISNGI 2021** invites contributions from academics, industry, practitioners and government representatives, with leading research, visions and experience in the field of infrastructures.

The programme provides for showcasing innovative infrastructure projects and academic research results, and offers ample opportunity for interaction, dialogue and exchange of knowledge and experience across disciplines and across infrastructure sectors.

**The vision of ISNGI** is to ensure the best and sharpest minds from industry, government and academia collectively inform strategies to meet the next generation infrastructure challenges.

## Why?

Development of next generation infrastructure is a key challenge for both developing and developed countries. Huge investment is needed for replacement and modernization of legacy infrastructure and for greenfield infrastructure development. Climate change, urbanization and a changing social and geopolitical context are creating new challenges, that call for a new approach to infrastructure planning, design, management and governance. Digitalisation, datafication and other technological innovations help to meet the challenges, but only as a part of the solution. And at the cost of new risks and vulnerabilities.

Meanwhile, the Covid-19 pandemic has turned our lives upside down. It reveals some of the risks and vulnerabilities that come with the massive flows of people and goods across the world. Our infrastructure systems, however, have enabled us to cope with the havoc wreaked by the pandemic. What does the pandemic mean for infrastructure development in the future?

## **Submit your title + description (+- 400 words) before 1st march!**

*You are invited to submit a title and rough idea for a paper. Authors of selected ideas will be invited to host a special session on the symposium; either physical or online (depending on the Covid -19 situation).*

*More information on: <http://www.isngi.org>*



### **Margot Weijnen**

*chair of the Academic Programme Committee ISNGI 2021*

In all our efforts to meet the challenges for the future, we have to keep in mind that infrastructure is crucial for the quality of life and for the quality of living together. Infrastructure is a means to the end of an inclusive and prosperous society for generations to come.



### **Aernout van der Bend**

*Managing Director of Next Generation Infrastructures, the Netherlands*

I am very proud to organize this important symposium. I am looking forward to meeting you and learning about the latest insights, exchanging experiences and enriching each other's knowledge. Preferably physically in our beautiful country, but otherwise online. I warmly invite you to submit your abstract!

### **ARE YOU a PhD student?**

*ISNGI 2021 intends to offer a number of PhD students an opportunity to present their research on the ISNGI stage. We do encourage you to respond to the call for abstracts.*