



ICSUSL 2021

**Bridging Knowledge and Experience
to Combat Global Challenges**



PROCEEDINGS

of

**8th International Conference of Sabaragamuwa University of Sri Lanka
and
2nd China-Sri Lanka Communication and Cooperation Forum**

**01st – 03rd December 2021
Belihuloya, Sri Lanka**



ICSUSL - 2021

*“Bridging Knowledge and Experience to Combat
Global Challenges”*

8TH INTERNATIONAL CONFERENCE OF
SABARAGAMUWA UNIVERSITY OF SRI LANKA



ICSUSL 2021

1ST - 3RD DECEMBER 2021

SABARAGAMUWA UNIVERSITY OF SRI LANKA, BELIHULOYA, SRI LANKA

8th International Conference of Sabaragamuwa University of Sri Lanka (ICSUSL2021)

<https://www.icsusl.sab.ac.lk/>

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ICSUSL 2021 - “*Bridging Knowledge and Experience to Combat Global Challenges*”

As a continuation of the yearlong celebrations of the University’s 25th Anniversary, the 8th International Conference of Sabaragamuwa University of Sri Lanka (ICSUSL 2021) is held from 1st to 3rd December 2021 at SUSL under the theme “*Bridging Knowledge and Experience to Combat Global Challenges*”. A conference is not just an avenue for a scientist to present their research to the wider community, but an important venue for brainstorming, networking, and making vital connections that can lead to new initiatives. ICSUSL events have always been productive as they have provided opportunities to exchange and develop ideas, new strategies to approach research and get inspired.

Today, the global community is facing numerous challenges that they must necessarily overcome to sustain life. Bringing together multidisciplinary task forces equipped with required skills, knowledge, and lifelong learning through experience has become a critical requirement. This year’s ICSUSL was planned around this requirement where we intend to bring together both researchers and practitioners who can successfully complement each other on to a common platform.

Despite the challenging times that we are experiencing, the University continues its cutting-edge discoveries of new knowledge through research. The conference comprises keynote and plenary speeches from eminent scholars, oral presentations, pre-conference workshops, and public discussions to provide ample opportunities for discussions and knowledge dissemination among researchers and scientists from different disciplines. Functioning as a virtual conference, ICSUSL 2021 will be unique and exciting for all participants.

We solicited abstracts under the seven sub-themes of ICSUSL 2021 that complement the main theme, and the response we received was simply overwhelming. After a thorough review by a panel of experts in the relevant disciplines, 150 abstracts were selected for publication as conference proceedings. In a nutshell, the conference will witness lively intellectual discussions and debates on several global challenges to arise in such fields as agriculture, sustainable development, and healthcare, and on how to apply geo-information science, applied sciences, technology, innovation, and creativity in tackling some global challenges, and also on envisioning the future of social sciences and humanities.