

IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences
Special Section on “Information and Communication Technologies
for Safe and Secure Life”

(Apr. 2024 Issue)

From various natural disasters such as earthquakes, landslides in unexpected areas, powerful super typhoons, etc., to endless crimes against children and traffic accidents, the threat to safe and secure life is increasing. It is believed that ICT can play a major role in reducing these threats, as well as for recovery from large-scale disasters and regional regeneration. In order to make ICT truly useful, it is necessary to acquire knowledge from the social sciences, such as information required in times of disaster, and to maintain, manage, and operate social infrastructure. An interdisciplinary study that considers the needs of the field is important. Therefore, we are planning this special issue with the aim of providing the latest topics by publishing high quality papers on these topics and promoting the further development of various technologies. In this special issue, we are soliciting papers on ICT technology for safety and security, and we plan to publish the April 2024 issue. The topics of interests within the scope of this Special Section include (but are not limited to):

- Information and communication technology for safe and secure life: ad-hoc network construction, congestion control, reliable wireless access, delay tolerant network, broadband wireless transmission, network system design, optimal placement, ITS, sensor network construction, GIS, etc.

- Social science fields that aim to be useful for safe and secure life: disaster informatics, behavioral psychology during disasters, crisis management informatics, service science, etc.

- Maintenance, management, and operation technology for social infrastructure facilities necessary for a safe and secure life, such as communications, electricity, roads, and railroads.

Notes for Authors:

It is recommended that the length of papers and letters for the special section are within 8 and 2 pages, respectively. Please note that submissions will not be accepted if the letter exceeds 4 pages excluding references. All manuscripts should be prepared according to the guideline given in the “Information for Authors”. The latest version of it is available at the web site https://www.ieice.org/eng/shiori/mokuji_ess.html. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for regular issues because of the tight review schedule. Please note that if accepted, all authors are requested to pay for the page charges covering partial cost of publications by October 15th, 2023. All authors can submit even if they are non-members. However, the publication fee is a little expensive by non-member price. We recommend you to become a member.

Deadline of Submission:

April 14th, 2023 (manuscript by electrical submission)

Submission Instructions:

In this special section, the electric submission is mandatory. Prospective authors are requested to follow carefully the submission process described bellow.

1. Submit a paper using the IEICE web site https://review.ieice.org/regist/regist_baseinfo_e.aspx. Authors should choose the *[Special SS] Information and Communication Technologies for Safe and Secure Life* as a “Journal/Section” on the online screen. Do not choose *[Regular EA] Fundamentals*.

Further Information

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