

# E-Health Telecommunication Systems and Networks



ISSN: 2167-9517



9 772167 951006 01

<https://www.scirp.org/journal/etsn>

# Journal Editorial Board

ISSN Print: 2167-9517 ISSN Online: 2167-9525

<https://www.scirp.org/journal/etsn>

---

## Editor-in-Chief

**Prof. Mohamad Abou El-Nasr** Arab Academy for Science, Technology and Maritime  
Transport, Egypt

## Editorial Board

**Prof. Rabiul Ahasan** Universiti Sultan Zainal Abidin (UniSZA), Malaysia  
**Dr. Matthew Allsop** University of Leeds, UK  
**Prof. Christo Ananth** Francis Xavier Engineering College, Tirunelveli, India  
**Prof. Jiali Bao** Silveridge Institute of Technology, China  
**Prof. Lora Humphrey Beebe** University of Tennessee College of Nursing, USA  
**Prof. Chin-Ling Chen** Chaoyang University of Technology, China  
**Prof. Arif Demir** Kocaeli University, Türkiye  
**Dr. Anne Granstrøm Ekeland** Norwegian Centre for Integrated Care and Telemedicine  
University Hospital of North Norway, Norway  
**Prof. José Bringel Filho** State University of Piauí, Brazil  
**Dr. Mehdi Hosseinzadeh** Iran University of Medical Sciences, Iran  
**Prof. Boris A. Kobrinskii** Pirogov Russian National Research Medical University, Russia  
**Prof. Tatiana Kovacikova** Head of Science Operations, Belgium  
**Dr. Ye Li** Chinese Academy of Sciences, China  
**Prof. Sergey A. Lupin** National Research University of Electronic Technology, Russia  
**Dr. Sabato Manfredi** University of Napoli Federico II, Italy  
**Dr. Rashed Mazumder** Jahangirnagar University, Bangladesh  
**Dr. Emmanuel O.C. Mkpojiogu** Universiti Utara Malaysia, Malaysia  
**Dr. Hamid Moghaddasi** Beheshti University of Medical Sciences, Iran  
**Dr. Saumyendra V. Singh** KG Medical University, India  
**Prof. Wei Wang** Edith Cowan University, Australia  
**Dr. Stelios Zimeras** University of the Aegean, Greece

# Table of Contents

**Volume 15    Number 1**

**March 2026**

## **A Novel ICT-Enabled Decision Support Approach for Surveillance and Control of Mosquito-Borne Diseases**

A. H. Bura, E. M. Mung'onya..... 1

# E-Health Telecommunication Systems and Networks (ETSN)

## Journal Information

### SUBSCRIPTIONS

The *E-Health Telecommunication Systems and Networks* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### Subscription rates:

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### SERVICES

#### Advertisements

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### COPYRIGHT

#### Copyright and reuse rights for the front matter of the journal:

Copyright © 2026 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

#### Copyright for individual papers of the journal:

Copyright © 2026 by author(s) and Scientific Research Publishing Inc.

#### Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

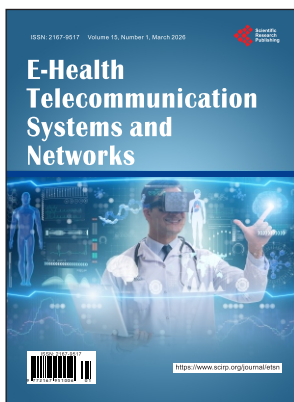
#### Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: [etsn@scirp.org](mailto:etsn@scirp.org)



**Call for Papers**

# E-Health Telecommunication Systems and Networks

ISSN Print: 2167-9517 ISSN Online: 2167-9525

<https://www.scirp.org/journal/etsn>

## Editor-in-Chief

**Prof. Mohamad Abou El-Nasr**

Arab Academy for Science, Technology and Maritime Transport, Egypt

## Editorial Board

**Prof. Rabiul Ahasan**

Universiti Sultan Zainal Abidin (UniSZA), Malaysia

**Dr. Matthew Allsop**

University of Leeds, UK

**Prof. Christo Ananth**

Francis Xavier Engineering College, Tirunelveli, India

**Prof. Jiali Bao**

Silveridge Institute of Technology, China

**Prof. Lora Humphrey Beebe**

University of Tennessee College of Nursing, USA

**Prof. Chin-Ling Chen**

Chaoyang University of Technology, China

**Prof. Arif Demir**

Kocaeli University, Türkiye

**Dr. Anne Granstrøm Ekeland**

Norwegian Centre for Integrated Care and Telemedicine University Hospital of North Norway, Norway

**Prof. José Bringel Filho**

State University of Piauı, Brazil

**Dr. Mehdi Hosseinzadeh**

Iran University of Medical Sciences, Iran

**Prof. Boris A. Kobrinskii**

Pirogov Russian National Research Medical University, Russia

**Prof. Tatiana Kovacikova**

Head of Science Operations, Belgium

**Dr. Ye Li**

Chinese Academy of Sciences, China

**Prof. Sergey A. Lupin**

National Research University of Electronic Technology, Russia

**Dr. Sabato Manfredi**

University of Napoli Federico II, Italy

**Dr. Rashed Mazumder**

Jahangirnagar University, Bangladesh

**Dr. Emmanuel O.C. Mkpojiogu**

Universiti Utara Malaysia, Malaysia

**Dr. Hamid Moghaddasi**

Beheshti University of Medical Sciences, Iran

**Dr. Saumyendra V. Singh**

KG Medical University, India

**Prof. Wei Wang**

Edith Cowan University, Australia

**Dr. Stelios Zimeras**

University of the Aegean, Greece

ETSN is an international refereed journal dedicated to publishing state-of-the-art research in the field of e-health applications in telecommunication systems and networks. The journal focuses on systems, algorithms, and applications of e-health and medical telecommunications. ETSN publishes original research as well as review papers in the following areas:

Biomedical communications

Biomedical sensors and instrumentation

Biomedical signal processing

Body area and sensor networks

Clinical ICT application

Collaborative technologies in e-health and telemedicine systems

Consumer health informatics

E-health and m-health systems

E-health in public health

Grids

Healthcare applications

Healthcare information systems

Healthcare systems and services in transition: e-health, telemedicine and conditions for innovation

Medical informatics

Patient pathways and coordinated care

Prevention and self-management

Security and privacy issues of e-health systems

Wearable sensors and systems

Wireless communications and mobility

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

## Website and E-Mail

<https://www.scirp.org/journal/etsn>

E-mail: [etsn@scirp.org](mailto:etsn@scirp.org)

## ***What is SCIRP?***

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

## ***What is Open Access?***

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific  
Research  
Publishing**

**Website: <https://www.scirp.org>**

**Subscription: [sub@scirp.org](mailto:sub@scirp.org)**

**Advertisement: [service@scirp.org](mailto:service@scirp.org)**