Special Issue

Thermal Imaging in Body and Skin Temperature Changes Evaluation

Message from the Guest Editors

The human body surface is a complex map of isotherms, with a very wide range of temperatures, changing in response to endogenous and exogenous factors. Body surface temperatures can be evaluated using thermoemission (i.e., recording the heat emitted by human skin using infrared cameras). The use of thermal imaging techniques enables a quantitative (therefore, objective) analysis of biothermokinetic—and, consequently, bioenergetic—processes occurring in the human body. The imaging of human body surface temperature distribution (thermography) can reflect the processes occurring inside the body, as a change in temperature is often the first sign of pathological processes in body tissues, noticeable before functional or structural changes develop. Thus, the use of thermal imaging methods to assess body surface temperature may be of significant diagnostic value in medical science, health science, rehabilitation, physical therapy, and sports.

Guest Editors

Prof. Dr. Anna Lubkowska

Department of Functional Diagnostic and Physical Medicine, Pomeranian Medical University in Szczecin, ul. Żołnierska 54, 71-210 Szczecin, Poland

Professor US dr hab. Monika Chudecka

Institute of Physical Culture Sciences, Faculty of Physical Education and Health, University of Szczecin, al. Piastów 40 b blok 6, 71-065 Szczecin, Poland

Deadline for manuscript submissions

closed (31 October 2022)

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed

mdpi.com/si/46979

International Journal of Environmental Research and Public Health
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

mdpi.com/journal/ijerph

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed

mdpi.com/journal/ijerph

MDPI

About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou
RCMI Center for Urban Health Disparities Research and Innovation, Richard N. Dixon Research Center, Morgan State University, Baltimore, MD 21251, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)