CLUE-H

EUROPEAN CLUSTER
EMF AND HEALTH

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European Research Cluster on EMF and Health

CLUE-H, or the EMF Health Cluster, is a collaborative initiative aimed at advancing **understanding and research into the health effects of electromagnetic fields** (EMF) within the European Union (EU).

It brings together a diverse range of stakeholders, including researchers, public health authorities, industry representatives, and non-governmental organizations (NGOs), to coordinate efforts, share knowledge, and drive innovation in EMF-related health research.

CLUE-H serves as a **platform for fostering interdisciplinary collaboration**, facilitating data sharing, and promoting evidence-based policymaking to address emerging challenges and opportunities in EMF health research and regulation across the EU.

The latest news of CLUE-H

ETAIN: 3D modelling for EMF exposure of Insects

ETAIN's three-dimensional models of insects are designed for electromagnetic dose simulations - a novel way to explore potential effects of radiofrequency to electromagnetic fields (RF-EMF). By replicating various pollinator species' anatomy, these models help researchers

Exploring exposure to electromagnetic fields:

study power absorption and dielectric heating in insects, thereby advancing understanding of biological impacts of telecommunications, such as 5G.

Learn more

ETAIN webinar vol.1

The ETAIN project explains in this first webinar what EMF are, clarifying some of the common assumptions around its effects on humans and biodiversity, as well as the main areas of scientific research covered in the ETAIN project.

Watch more

How exposed are we to 5G and how does it impact us? Learn about #ProjectGOLIAT

Project GOLIAT is studying exposure to RF-EMF, particularly 5G, and its potential health effects, as well as risk perception through citizen participation. Watch this video and learn more about the project.

Watch more

Measuring 5G exposure on the streets and in public transport: #ProjectGOLIAT's fieldwork

#ProjectGOLIAT is conducting fieldwork to measure 5G exposure in cities, towns, villages, and rural areas. In this article and video, we follow research technician Patricia de Llobet on a fieldwork trip through the city of Barcelona.

Discover more

Last places available! 10th course on Electromagnetic fields and health (Erice, Italy)

CLUE-H, in collaboration with BioEM, organises a course on EMF and health from April 7 to 12, 2024 in Erice (Sicily, Italy) at the Ettore Majorana Foundation. Though the registration period is over, the course is still accepting last minute applications.

Learn more

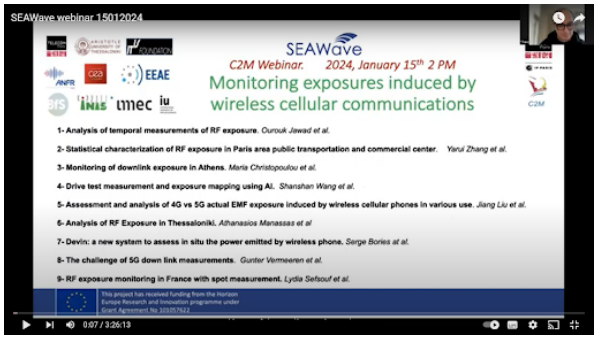
NextGEM: Researching EMF & Health

NextGEM delves into the potential health risks of RF-EMF in everyday settings. Funded by the EU, it develops tools for accurate measurement, gathers exposure data, explores health effects, and aims to inform future regulations for safer living environments in our tech-filled world. In addition, the project will design a new framework for the generation of health-relevant scientific knowledge and data on new scenarios of exposure to EMF in multiple frequency bands.

Discover more

NextGEM's 5th plenary hosted by Sciensano in Brussels, Belgium

NextGEM's 5th plenary was held 13-15 February 2024, and brought together 30+ participants from across Europe for in-person and online discussions. Key updates on the project's progress, technical details, and research plans were presented. Demonstrations showcased advancements, and open discussions fostered collaboration and innovation.



Webinar on 'Exposure from Cellular Networks'

The webinar was organized on January 15, 2024. It included nine presentations of the activities in SEAWave aiming to characterise exposure from cellular

Learn more

networks (uplink, downlink and bystanders) with the use of state-of-the-art techniques. It was attended by 130 participants from around the world (all continents except Oceania) and recorded on the SEAWave Project channel on Youtube.

Watch more

Citizens get involved in the development of a serious game on '5G and Health'

On January 19-20, 2024, Prof. Christoph Böhmert (Internationale Hochschule, Germany) put together 16 people in one room, playing and discussing a serious game on '5G and Health'. Eight citizens, from six different European countries, and eight people from SEAWave, with different expertise in game design, science communication, and radiation travelled to Munich to start work on the design and creation of the game.

Learn more

BioEM 2024: Bridging Bioelectromagnetics, in Chania 16-21 June 2024

BioEM 2024, which will be held in Chania, Crete, Greece, is the largest global conference on bioelectromagnetics. This annual event fosters discussion on the interaction of EMF with living organisms. Researchers, clinicians, and engineers share scientific knowledge and technological advancements across various bioelectromagnetics applications, aiming to bridge the gap between different

disciplines and accelerate progress in this dynamic field.

Discover more

CLUE-H: Project goals & Strategies workshop at BioEM 2024

The European Research Cluster on EMF and Health (CLUE-H) unites over 70 organizations to answer if there are any impacts of (5G) RF-EMF exposure on human health and the environment. They aim to develop a scientific basis for risk assessment of 5G and offer clear communication & data sharing via the EU Health Data Space. This workshop aims to present project goals of NextGEM, ETAIN, SEAWave, and GOLIAT, and strategy of the CLUE-H cluster.

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Learn more

CLUE-H: 2nd meeting hosted by FORTH in Heraklion, Greece

The 2nd CLUE-H meeting took place on 12 October 2023 in Heraklion Crete and gathered stakeholders for progress updates and future planning. Presentations covered EU initiatives, cluster & project highlights, and dedicated working groups, showcasing momentum & collaboration in EMF & health research.

Discover more

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