

BioEM Board Member Application Package

Curriculum Vitae

Hiroaki Miyagi

Chief Executive Officer / Senior Consultant, HM Research & Consulting Co., Ltd., Tokyo, Japan

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Education

University of Tsukuba, Graduate School of Comprehensive Human Sciences, Master's Qualification Equivalency in Public Health (recognized in 2019) 2020–present

Chiba University, B.Sc. in Mechanical Engineering, 1986–1992

Professional Experience

Chief Executive Officer / Senior Consultant, HM Research & Consulting Co., Ltd., 2017– Consultant, Japan NUS Co., Ltd., 1992–2017

BioEM-Relevant Government-Funded Projects

Scientific Secretary, International Committee to Develop Guidance on Bioelectromagnetics Laboratory Research (Ministry of Internal Affairs and Communications (MIC), Japan), 2025–

Scientific Secretary, International validation project of the NTP RF carcinogenicity study (MIC Japan / Korean gov.), 2019–2024

Scientific Secretary, Discussion Group on Safety of Radio Waves (MIC), 2017–2018

Author, "EMF Around Us" (Ministry of the Environment (MOE), Japan), 2009–2016

Translator, WHO EHC No. 238 (ELF Fields), 2008

Contractor, EMF research activities (MIC), 2010

Contractor, EMF environmental effects survey (Ministry of Economy, Trade and Industry (METI), Japan), 2005–2007

Academic Appointment

Research Assistant, Tokyo Metropolitan University, 2024–

Board and Committee Service (BioEM-related)

Member, Local Organization Committee (Public Relations), BioEM 2022 Nagoya

Member, ICES TC95 (IEEE)

Member, Japan EMF Information Center Expert Network

Secretary, IEEJ Technical Committee on EMF Health Risk Assessment

Research Interests

Bioelectromagnetics (0 Hz–300 GHz)

Health risk assessment of EMF

Risk perception of EMF among general public

Standardized laboratory protocols for EMF biological research

AI-based research paper evaluation for EMF risk assessment

Selected Publications

Miyagi H. What is “electromagnetic hypersensitivity”? *J Natl Inst Public Health.* 2015;64(6):563–573.

Miyagi H, Ohkubo C. Biological effects of RF-EMF focusing on “electromagnetic hypersensitivity”. *J Clin Ecology.* 2019;28(2):57–67.

IEEJ Technical Committee (ed). Trends in EMF Health Risk Assessment: First Period. IEEJ Tech Rep 1437 (2018).

IEEJ Technical Committee (ed). Trends in EMF Health Risk Assessment: Second Period. IEEJ Tech Rep 1529 (2022).

Professional Memberships

BioEM, IEEE, IEEJ, IEICE

Languages / Skills

Japanese (native), English (professional)