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**Electromagnetic Fields, Environment and Health**

- ▶ **Experts of the various treated domains collaborated to supply an accessible work to the professionals and to a larger audience as well eager to know more about the subject**
- ▶ **This book is based on the scientific information**
- ▶ **It gives an overview of the whole spectre of non-ionizing radiations**
- ▶ **It helps to better know the non-ionizing radiations in our daily environment**

A good number of false ideas are circulating on the effects of non-ionizing radiations on our health, which can lead to an oversimplification of the issue, to potentially dangerous misconceptions or to misleading data analysis. Health effects may be exaggerated, or on the contrary underplayed. The authors of this work (doctors, engineers and researchers) have endeavored to supply validated and easily understandable scientific information on the electromagnetic fields and their biological and health effects. After a general review of the physics of the waves and a presentation of non-ionizing radiations, the authors review the main emission sources encountered in our daily environment. They summarize simply, but as faithfully as possible, the current knowledge on their biological effects. The safety limits recommended by the international organizations are presented for the different frequency ranges. This book is intended for doctors, teachers, scientists, students, policy makers and anyone else interested in a clear understanding of the health effects of electromagnetic fields. Intended to serve a broad readership, everyone will approach it according to their respective level of curiosity and knowledge. It is neither an exhaustive inventory of all the studies made to date, nor a reduced work focusing only on some chosen studies. Nor is the objective to present all the sources of non-ionizing radiations. Interested reader will be able, if they wish to, to broaden their knowledge by consulting the selected bibliography presented by the authors at the end of each chapter.



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