



Prefaces

An invitation in March 2024 to the scientific days of the “AGAP-Qualité” from Jean-Luc Mari and its president Michel Hayet made it possible to initiate interesting conversations between the applied geophysics community and the French administration on subsurface exploration.

This book entirely dedicated to geophysical investigation applied to the characterization of geothermal resources is, I hope, a first step in the dissemination of knowledge and know-how for everyone, from practitioners to a broad public.

We are all convinced that geothermal energy represents a promising renewable energy source, capable of meeting energy needs while reducing our carbon footprint.

I sincerely thank all the authors of the technical chapters constituting this book with a special mention to Geoffroy Paixach and Jean-Luc Mari who, in their free time, made it possible to develop this work.

Dear reader, I hope that, like me, you will have the pleasure of discovering this book and keeping it within reach.

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It is with great pride and enthusiasm that I present this preface to the latest issue of *Cahiers de l'AGAP*. While the term “Cahiers” may evoke the idea of a lighter compilation, I believe, and I hope readers will agree, that the exceptional quality and depth of the contributions in this volume will serve as a valuable resource for professionals in the geothermal industry, supporting their future projects.

State-of-the-art geophysics has become essential to accelerate the exploration and development of new geothermal projects.

Geophysical methods, long established in fields such as petroleum exploration, mining, hydrogeology, and civil engineering, are now proving increasingly indispensable in the context of geothermal energy development.

Geothermal energy is becoming increasingly important in today's energy transition and is poised to play a growing role in the national, european, and global energy mix.

On behalf of AGAP-Qualité, I extend my sincere gratitude to all the authors for their remarkable contributions, as well as to the coordinators, Jean-Luc Mari and Geoffroy Paixach, for their involvement in bringing this work to fruition.

Michel Hayet
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AGAP-Qualité
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