



The authors

Thierry Gaillard



Thierry Gaillard is a hydrogeologist trained at the Universities of Bordeaux (ENSEGID) and Jussieu (Paris-Sorbonne). He has spent his career in consulting companies, and since 2017, he has been the CEO of CPGF-HORIZON. Alongside his professional activities, he is an active member of the French chapter of the International Association of Hydrogeologists (IAH) and of several other associations (Association des Géologues du Bassin Parisien, Aquassistance, Société géologique de France). He has worked in France and in several African countries as a consultant or with NGOs (Bénin, Togo, Ivory Coast, Senegal, Niger, Morocco). Email: tgillard@cpgf-horizon.fr

Jean-Luc Mari



Jean-Luc Mari is a geophysicist with a distinguished career in applied geosciences. A graduate of the Institut de Physique du Globe de Strasbourg and IFP School (Petroleum Geosciences, major in Geophysics, 1978), he joined IFP Energies Nouvelles in 1979 as a research engineer in the Geophysics Department. He led and contributed to key research projects in high-resolution seismic imaging, reservoir monitoring, and borehole tool development, in collaboration with industrial partners such as GDF-Suez, CGG, Total, and ELF Aquitaine.

In 1986, he was seconded to ELF Aquitaine, where he focused on reservoir geophysics, before returning to IFPEN in 1987 to join the Reservoir Department. His work notably explored the application of geophysical methods in horizontal wells. In 1994, he became a professor at IFP School and earned his *Habilitation à Diriger des Recherches* (HDR) in Earth Sciences. He also served as a geophysics expert for IFPEN.

A member of the European Association of Geoscientists and Engineers (EAGE), Jean-Luc has been an associate editor for *Near Surface Geophysics*. Now retired from IFPEN, he works as an independent researcher and consultant. He sits on the board of the Association for Quality in Applied Geophysics (AGAP – Association pour la Qualité en Géophysique Appliquée). Jean-Luc Mari is the author and co-author of numerous scientific papers, patents, and educational resources, including textbooks and digital learning tools. In 2010, he was awarded the title of Chevalier in the *Ordre des Palmes Académiques* for his contributions to science and education. Email: jeanluc90.mari@gmail.com