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Kozo Sato is a professor at Frontier Research Center for Energy and Resources, the U. of Tokyo and a visiting professor at Department of Energy Resources Engineering, Stanford U. His fields of research include mathematical modeling and optimization of fluid flow through porous media, thermodynamics of underground fluid systems, and reservoir characterization by virtue of tracer, pressure-transient and tidal-signal analyses, with practical interests in petroleum reservoir development and CCS.

Before joining the U. of Tokyo in 1999, Sato worked as a senior research engineer for Teikoku Oil Company (now INPEX). He was involved in the R&D of a series of pragmatic technologies aiming at deep HT/HP gas field development.

Sato chairs several technical advisory boards, including for Development of Safety Assessment Technology for CCS, Domestic Council of ISO/TC265 Carbon Dioxide Capture, Transportation, and Geological Storage, and Tomakomai CCS Demonstration Project.