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Vazken Andréassian is a hydrologist. He studied successively at the National Agronomic Institute, the National School of Water and Forests, the University of Arizona, and Sorbonne University, where he obtained a Ph.D. and later a habilitation to supervise research. He joined Cemagref in 1995 and remained there through the institute's successive transformations into Irstea and then INRAE. His research focuses on hydrological modeling at the catchment scale (GR models, the Turc-Mezentsev formula, streamflow elasticity to climate), ungauged basins, catchment memory, forest hydrology, groundwater–river interactions, the extrapolation capacity of hydrological models (in the context of global change), hydrological mapping, and concentration–discharge relationships. He has taught at Sorbonne University, Mines Paris–PSL, École des Ponts ParisTech, CentraleSupélec, and AgroParisTech. He is a corresponding member of the Royal Academy of Overseas Sciences (Brussels) and the French Academy of Agriculture (Paris). He also serves as *locum tenens* for the Satrap of the International Association of Social Hydrology.