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Paper Title : Run-of-river Hydropower Generation Modelling in European Countries by Open-access Hydrological Database

Bio :

Yi Liu is a PhD student in the Electric Power and Energy Systems Division at KTH Royal Institute of Technology, Stockholm. Her research focuses on developing an open-access, pan-European hydropower database and modelling framework to help the energy system operation and planning. She models future hydropower based on meteorological data, with a view to further developing an equivalent hydropower model per country, the aim of which is to represent the detailed hydropower system. Yi Liu is involved in EU project MOPO, which aims to develop an open-source tool for medium- and long-term energy system planning. Her research interests include hydropower modeling and open-source energy modelling tools.