Marie Skłodowska Curie Action –Postdoctoral Fellowship 2025 (MSCA-PF-2025)

Contact Person/Scientist in charge	**Name**	Sergio
	Surname	Zubelzu
	Email	sergio.zubelzu@upm.es
Department /Institute /Centre	**Name**	School of Agriculture, food and biosystems engineering Hydrology and hydraulics research group
	Address	Avda. Puerta del Hierro 2-4
	Province	Madrid
Research Area		Environment and Geoscience (ENV)
Brief description of the Centre/Research Group		The group has large experience in research activities on hydrological modelling and monitoring coupling both theoretical and experimental topics. We have laboratory facilities and field experiments to conduct the proposed research activities.
Project description		The Project is aimed at developing machine learning algorithms for predicting rainfall-runoff processes at catchment scale. We have selected a set of catchments where (15 min) yetographs and (15 min) hydrographs must be coupled so physics-inspired predictive algorithms bust be developed. In parallel, information on certain particular hydrological processes and variables (baseflow, snowmelt, time of concentration, etc.) will be deduced and processed to raise knowledge on those processes.
Applications: documents to be submitted and deadlines		Letter of motivation and CV Deadline: 30th April