



## DAVID MACÍAS ARIAS

### Project Engineer

dmacias@ipresas.com

David Macías Arias holds a **MSc in Civil Engineering** and a bachelor in **Civil Engineering**, both from the Polytechnic University of Valencia (UPV, Spain). During his academic education he enjoyed two years of international stay, divided between Italy (Scuola di Ingegneria Civile, Ambientale e Territoriale - Politecnico di Milano) and Australia (University of South Australia). Currently, he has more than two years of experience in consulting related to the application of **risk analysis** techniques to the risk management of **natural disasters** and risk analysis in **dams and other infrastructures**.

He is a specialist in hydrology and hydraulics, developing several international flood study projects using **hydraulic models**. At the same time, he has experience in **consequence estimations**, both economical and social, in risk analysis projects. He has participated in some project of the Inter-American Development Bank (IDB), including technical assistance for risk analysis of the Salto Grande dam (Uruguay-Argentina) and the review and identification of flood control works in the Sula Valley (Honduras) after hurricanes ETA and IOTA. He has also collaborated in other projects related to dam safety, such as the risk analysis study of the Río Hondo dam (Argentina) and Salvajina, Alto Anchicayá and Prado dams (Colombia).

### MAIN PROJECTS

