

Table of contents	
 Introduction Context Influent generator and objectives Methodology Artificial neural network (ANN) ANN training procedure Input data preselection and pre-treatment Result analysis and discussion Influent generator for flowrate Influent generator for quality Conclusion 	
	2



Introduction	
 Influent generator: A model to generate realistic flowrate and pollutant concentration dynamics at the inlet of WRRF. 	
Objectives	
✓Realistic:	
Flowrate Water quality	
 ✓ Routine data-driven: Without more investment 	
✓Flexible and adaptable	
Generating range (long-term, short-term)	
	4
	4



































