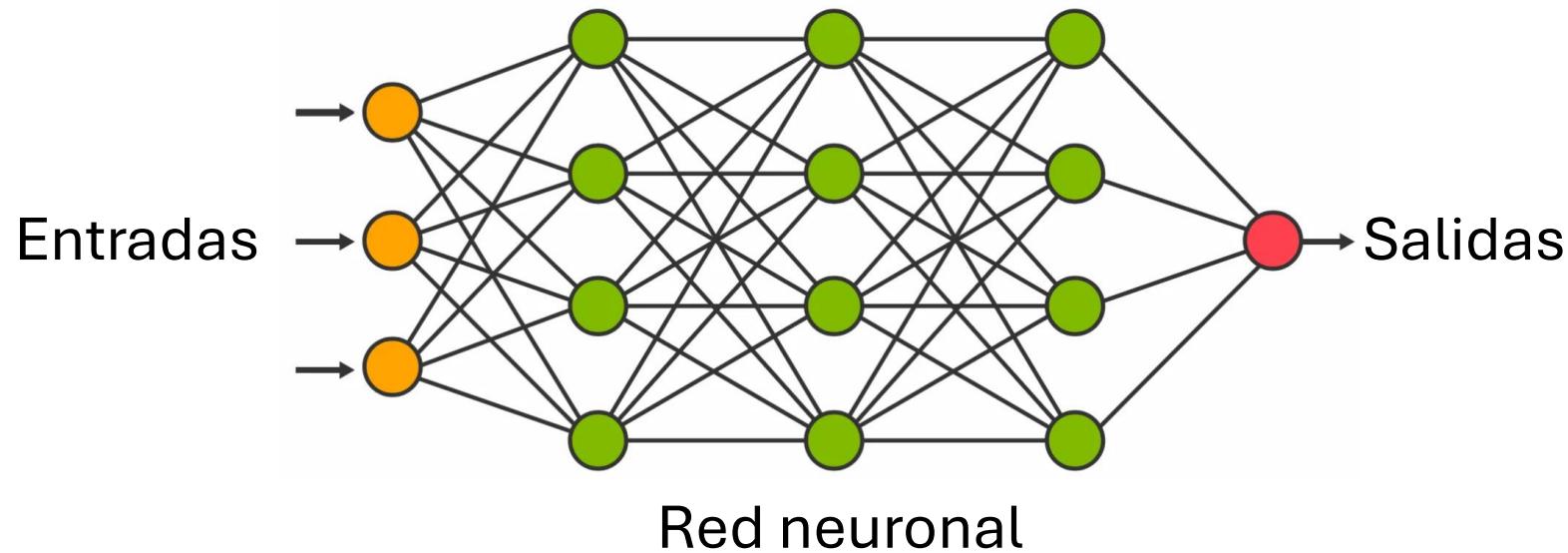
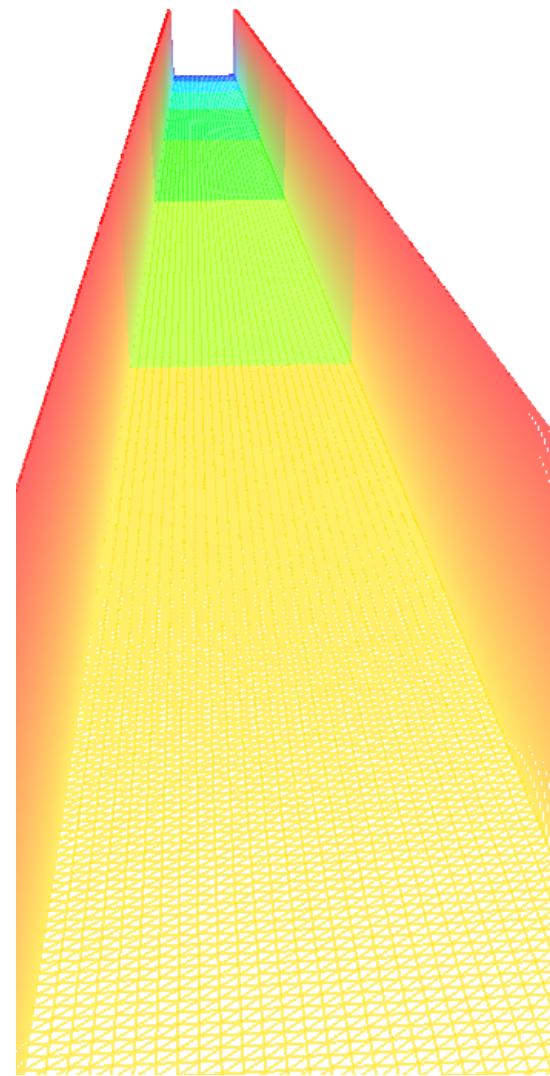
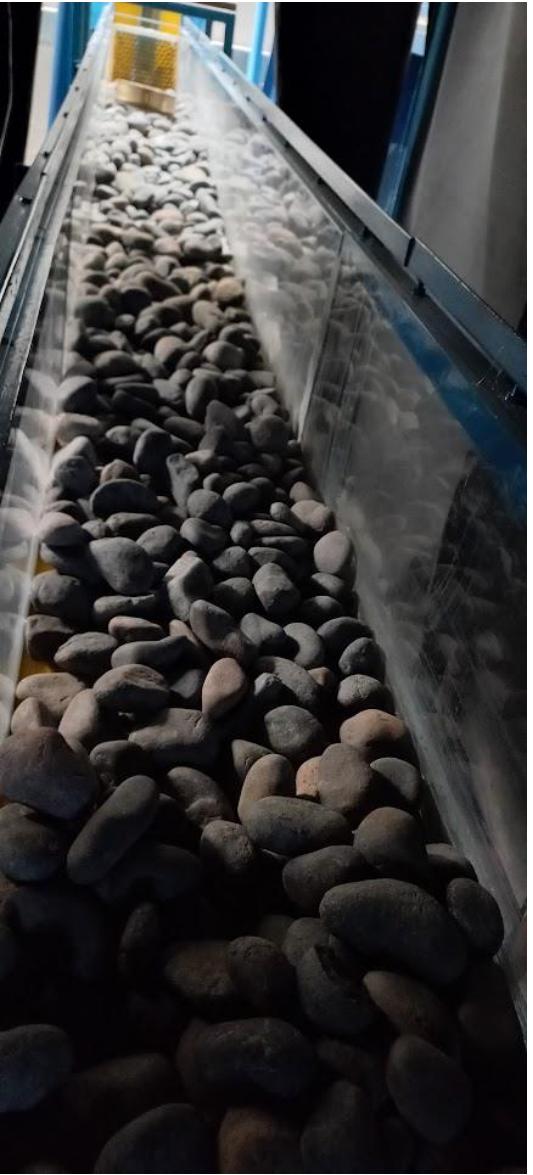


Avance de tesis

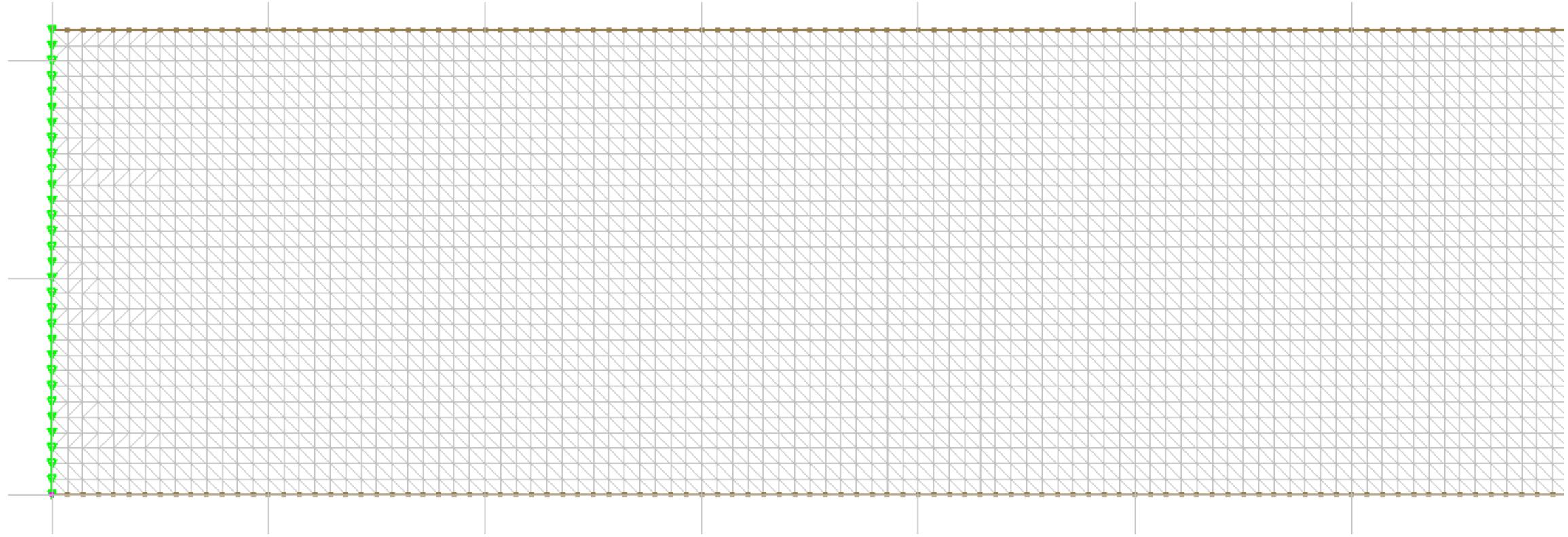
Utilización de aprendizaje de máquinas en simulaciones
hidrodinámicas de canales abiertos y comparación con
modelo numérico

Entradas → **openTELEMAC** → Salidas
Modelo numérico









```
/-----  
/ TELEMAC2D Version v8p4 Apr 1, 2024  
/ Caso 1  
/-----  
/  
/ EQUATIONS  
/-----  
MASS-LUMPING ON TRACERS =1.  
IMPLICITATION COEFFICIENT OF TRACERS =0.6  
LAW OF BOTTOM FRICTION =4  
FRICTION COEFFICIENT = [red box]  
TURBULENCE MODEL =3  
/-----  
/ EQUATIONS, ADVECTION  
/-----  
SCHEME FOR ADVECTION OF TRACERS =5  
SCHEME FOR ADVECTION OF VELOCITIES =14  
SCHEME FOR ADVECTION OF K-EPSILON =14  
/-----  
/ EQUATIONS, BOUNDARY CONDITIONS  
/-----  
PRESCRIBED ELEVATIONS =0.0;-0.03  
PRESCRIBED FLOWRATES =[red box];0.0  
VELOCITY PROFILES =4;1  
/-----  
/ EQUATIONS, INITIAL CONDITIONS  
/-----  
INITIAL CONDITIONS ='ZERO DEPTH'  
/-----  
/ INPUT-OUTPUT, FILES  
/-----  
STEERING FILE ='steering_1.cas'  
GEOMETRY FILE ='geometry/geometry_0.slf'  
RESULTS FILE ='results/[red box].slf'  
BOUNDARY CONDITIONS FILE ='boundary/boundary.cli'  
/-----
```

