Its all relative voltage to the input -> How do we distribute the 5v across the board?

Simple breakout board with 1000uf cap for filtering

TURBIDITY: Analog 0  
Relationship voltage to turbidity!

There is a paper! Nice

Output V = -0.0008X +3.9994

Creates negative values: impossible, requires calibration step to get NTU values, linear model?

TDS: Analog 1  
stores and reads from arrays of voltages and takes a moving windows median

Converts it to TDS values

Prints in in serial status

TEMP: Digital pin 2

PH: Analog 2

Write code that reads the values, converts them to usable values with median selection and prints them over serial with ‘Sensortype: sensorvalue’

Include calibration steps for each

How does it communicate to the Pi? And ROS