

multiflexmeter

Levi Bals, Wouter Zegers, Yzon Dorreman & Angelo de Nood



Waterschap Scheldestromen



**Het
Goese
Lyceum**
locatie Oranjeweg

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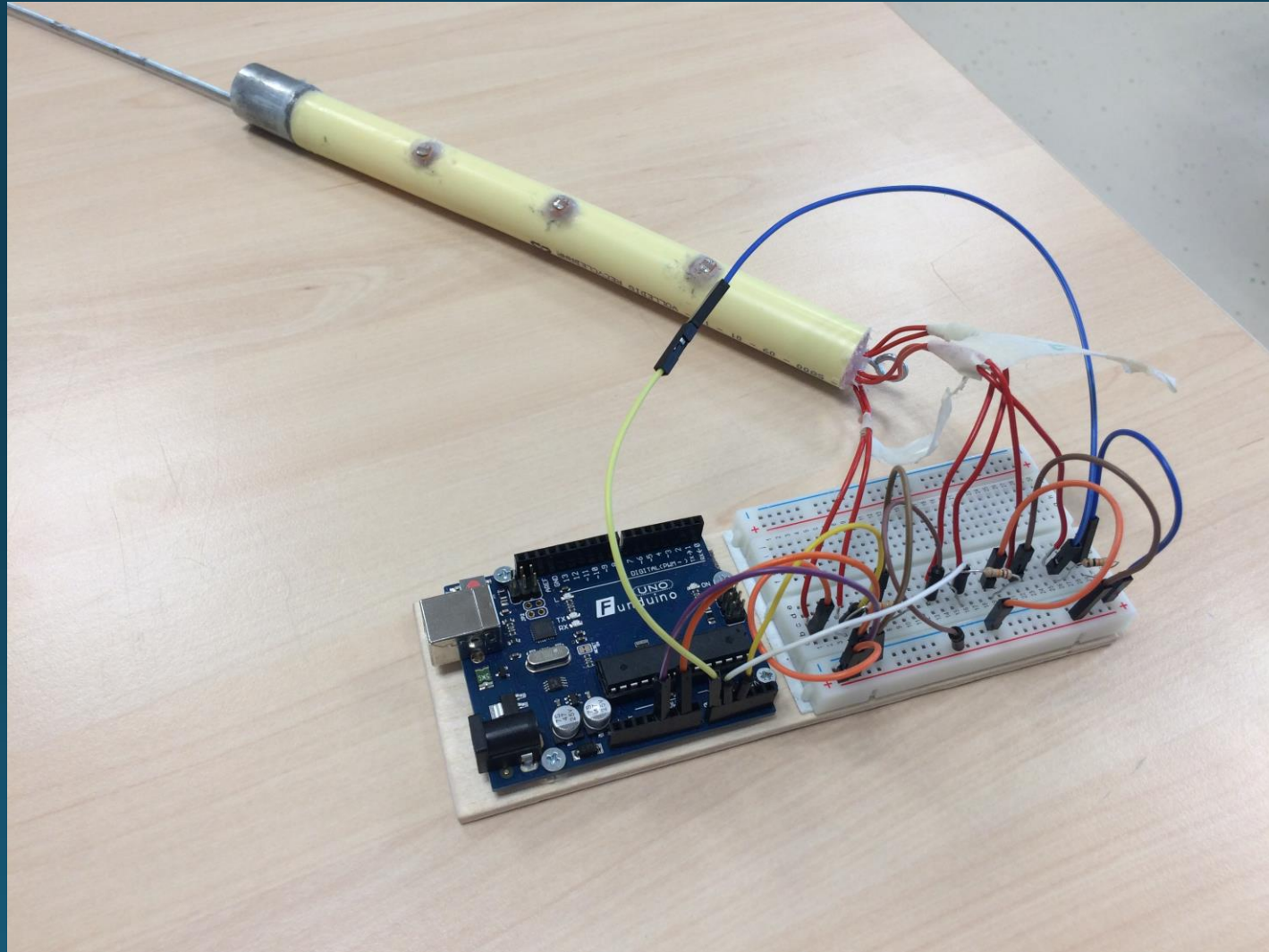
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Welke sensor



Night (normal)	Around 300	Day (normal)	Around 840
Night (turbid)	Around 155	Day (turbid)	Around 240
Night (silt)	Around 120	Day (silt)	Around 130

prototype



Code

```
sketch_feb21a | Arduino 1.8.1
Bestand  Bewerken  Schets  Hulpmiddelen  Help

sketch_feb21a $

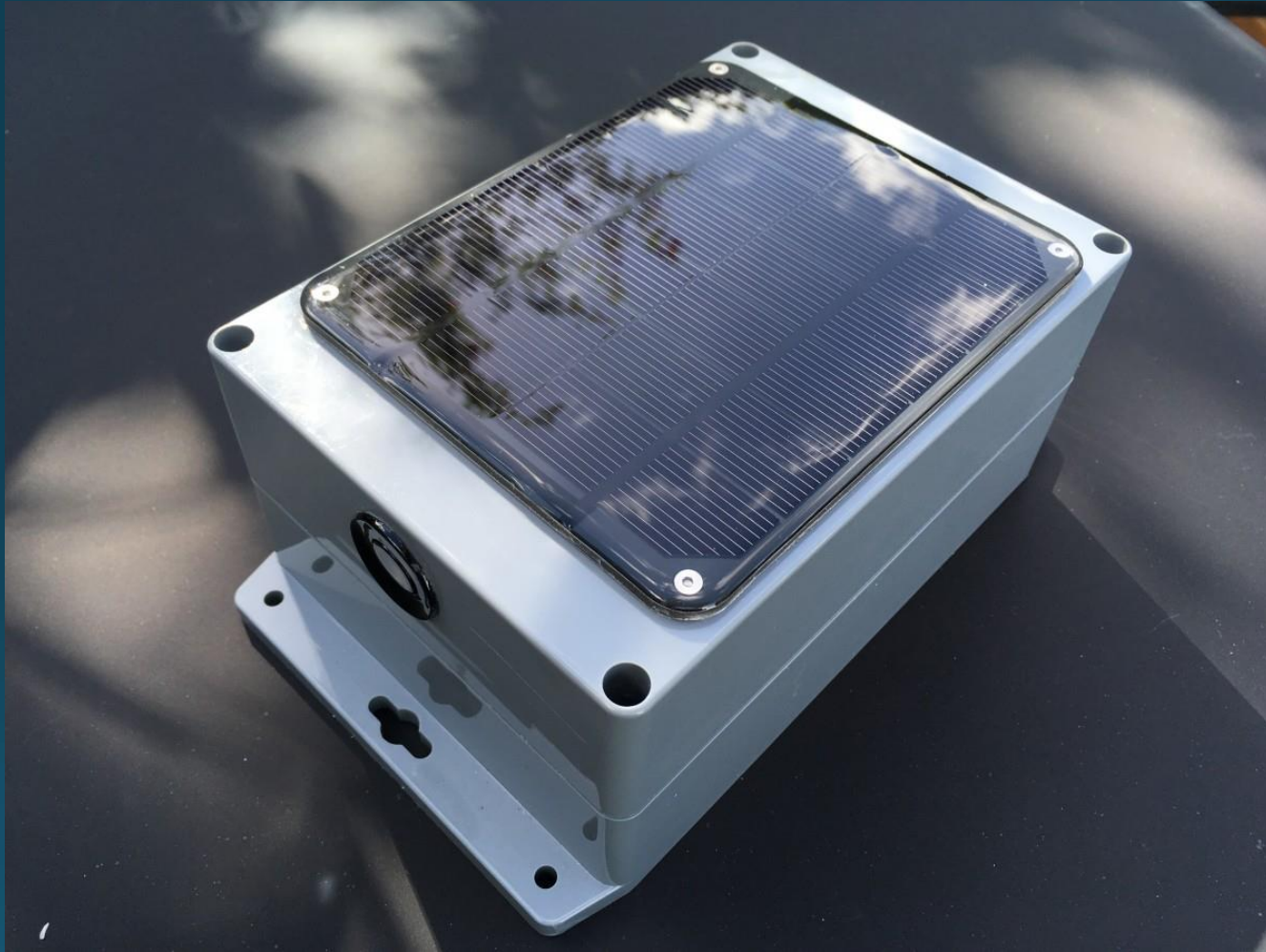
int ldr1 = 0;           //analog pin to which LDR is connected
int ldr1_value = 0;     //variable to store LDR values
int ldr2 = 1;
int ldr2_value = 0;
int ldr3 = 2;
int ldr3_value = 0;

void setup()
{
  Serial.begin(9600);   //start te serial monitor
}
void loop()
{
  ldr1_value = analogRead(ldr1);           //reads the LDR values
  Serial.print("diepste: ");
  Serial.println(ldr1_value);              //prints the LDR values to serial monitor
  delay(2000);                             //wait

  ldr2_value = analogRead(ldr2);           //reads the LDR values
  Serial.print("middelste: ");
  Serial.println(ldr2_value);              //prints the LDR values to serial monitor
  delay(2000);                             //wait

  ldr3_value = analogRead(ldr3);           //reads the LDR values
  Serial.print("hoogste: ");
  Serial.println(ldr3_value);              //prints the LDR values to serial monitor
  delay(2000);                             //wait
}
```

De Behuizing



Isolatie

