Key to mesocosm maps

- **H12**: Pond. Some are named, e.g. column H, row 12
- **Electrical cabinet**
- **Water tap**
- **Large water tank**
- **Pond with 400L heather tank**
- **Dotted line**: Element no part of mesocosm

**Warming experiment**: Temperature mesocosm 1 ponds

- Ambient (36 ponds)
- +1 °C (4 ponds)
- +2 °C (14 ponds)
- +3 °C (4 ponds)
- +4 °C (22 ponds)
- +5 °C (4 ponds)
- +6 °C (4 ponds)
- +7 °C (4 ponds)
- +8 °C (4 ponds)

**Chemical stressors**: Added to ponds mesocosms 1, 3 & 4

- **Stressor group A**
  - Ponds with added mixture of herbicide, insecticide, fungicide and antibiotic typically used in urban settings. **RED** dot painted on ponds for mesocosms 1

- **Stressor group B**
  - Ponds with added mixture of herbicide, insecticide, fungicide and antibiotic typically used in **rural** settings. **ORANGE** dot painted on ponds for mesocosms 1

- **Stressor groups A & B added (16 ponds)**. **RED** and **ORANGE** dots painted on ponds for mesocosms 1

- **Stressor group P**
  - Ponds with added mixture of pharmaceuticals and care products

- **Ammonia added to pond**
Mesocosm 1

Electrical cabinets: Power distribution
Mesocosm 1
Chemical stressors experiment

From April 2019
Mesocosm 1
Warming experiment

warming experiment from 5-Sept-2018
Mesocosm 1: warming and chemical stressors
Mesocosm 3: eDNA for bioassessment of water quality
Mesocosm 4: Global experiment