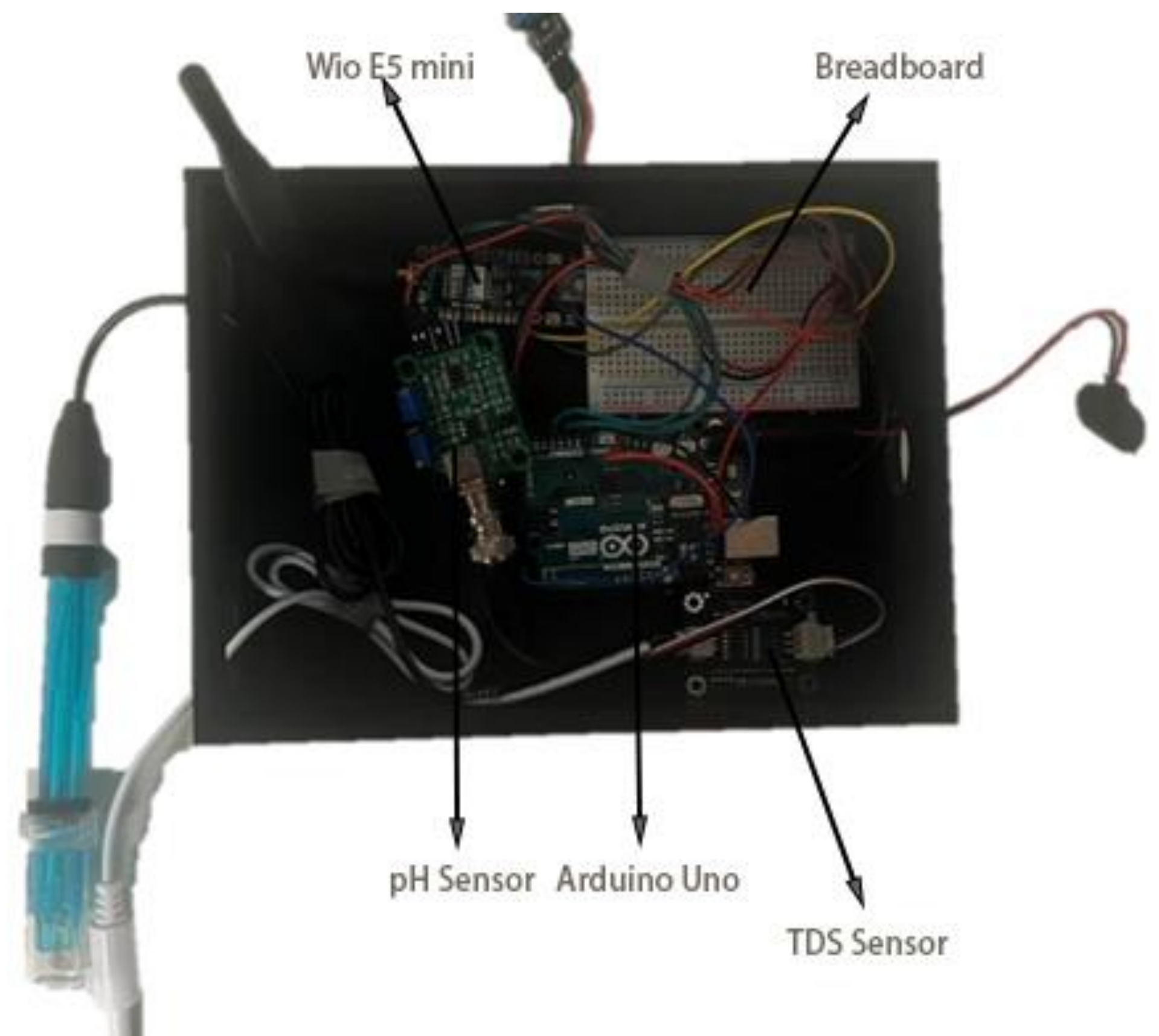


DEVELOPMENT OF WATER SENSORS FOR THE URBAN WEATHER PROJECT

Song Shukai

Introduction:

Development of a low-cost Arduino Uno based water sensor system for urban weather monitoring. The system integrates pH, temperature and humidity, and conductivity sensors with data transmission via LoRa technology for real-time monitoring of surface water quality and response to extreme weather.



Methodology:

