Code:

#include <ESP8266WiFi.h>

#include <DHT.h>

#include <ThingSpeak.h>

// WiFi credentials

const char\* ssid = "YOUR\_WIFI\_SSID";

const char\* password = "YOUR\_WIFI\_PASSWORD";

// ThingSpeak credentials

unsigned long myChannelNumber = YOUR\_CHANNEL\_NUMBER;

const char \* myWriteAPIKey = "YOUR\_WRITE\_API\_KEY";

// Sensor pins

#define DHTPIN D2

#define DHTTYPE DHT11 // Or DHT22

#define SOIL\_PIN A0

#define LIGHT\_PIN D1 // For LDR

DHT dht(DHTPIN, DHTTYPE);

WiFiClient client;

void setup() {

Serial.begin(115200);

dht.begin();

WiFi.begin(ssid, password);

ThingSpeak.begin(client);

Serial.print("Connecting to WiFi");

while (WiFi.status() != WL\_CONNECTED) {

delay(1000);

Serial.print(".");

}

Serial.println("Connected!");

}

void loop() {

// Re