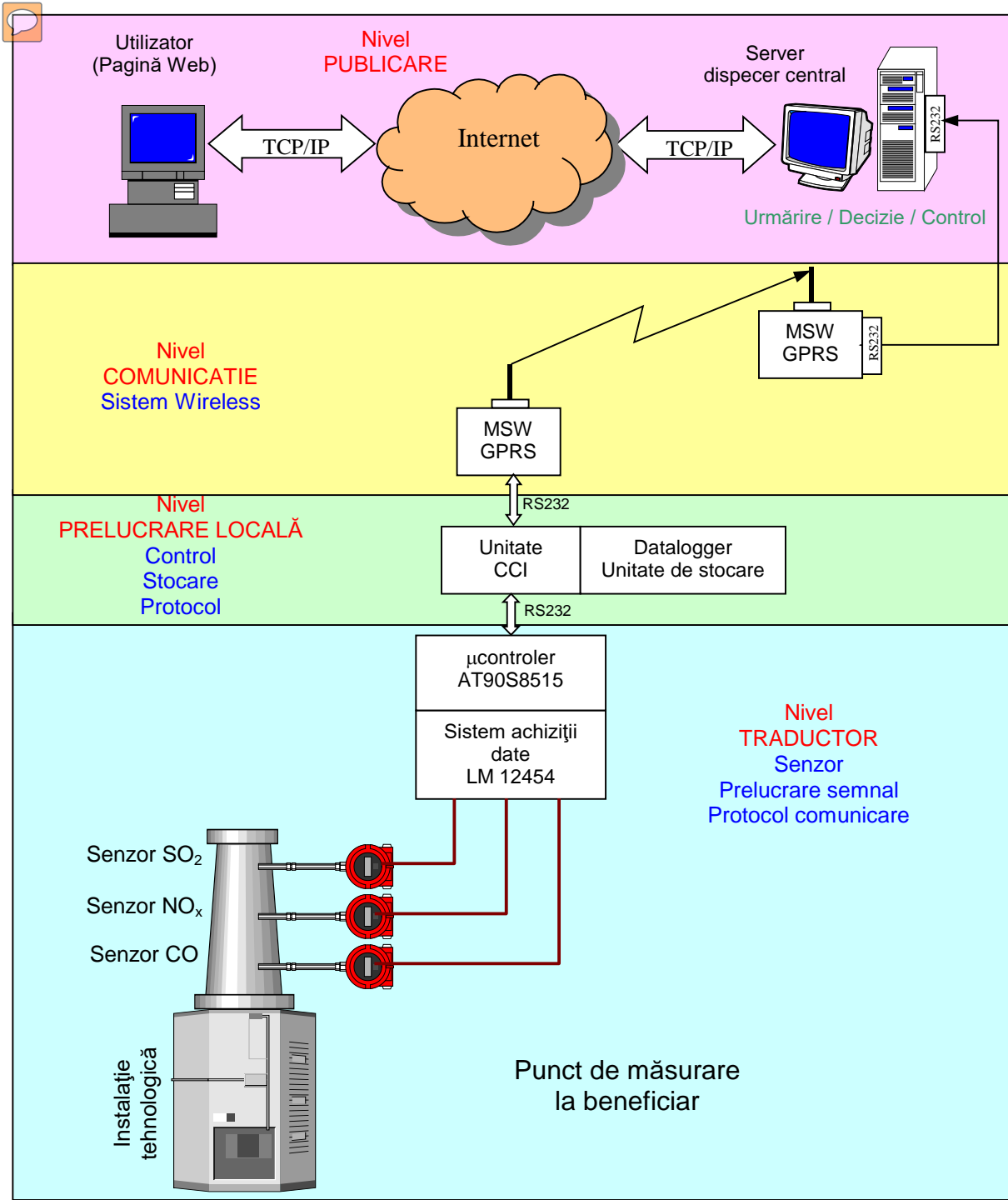


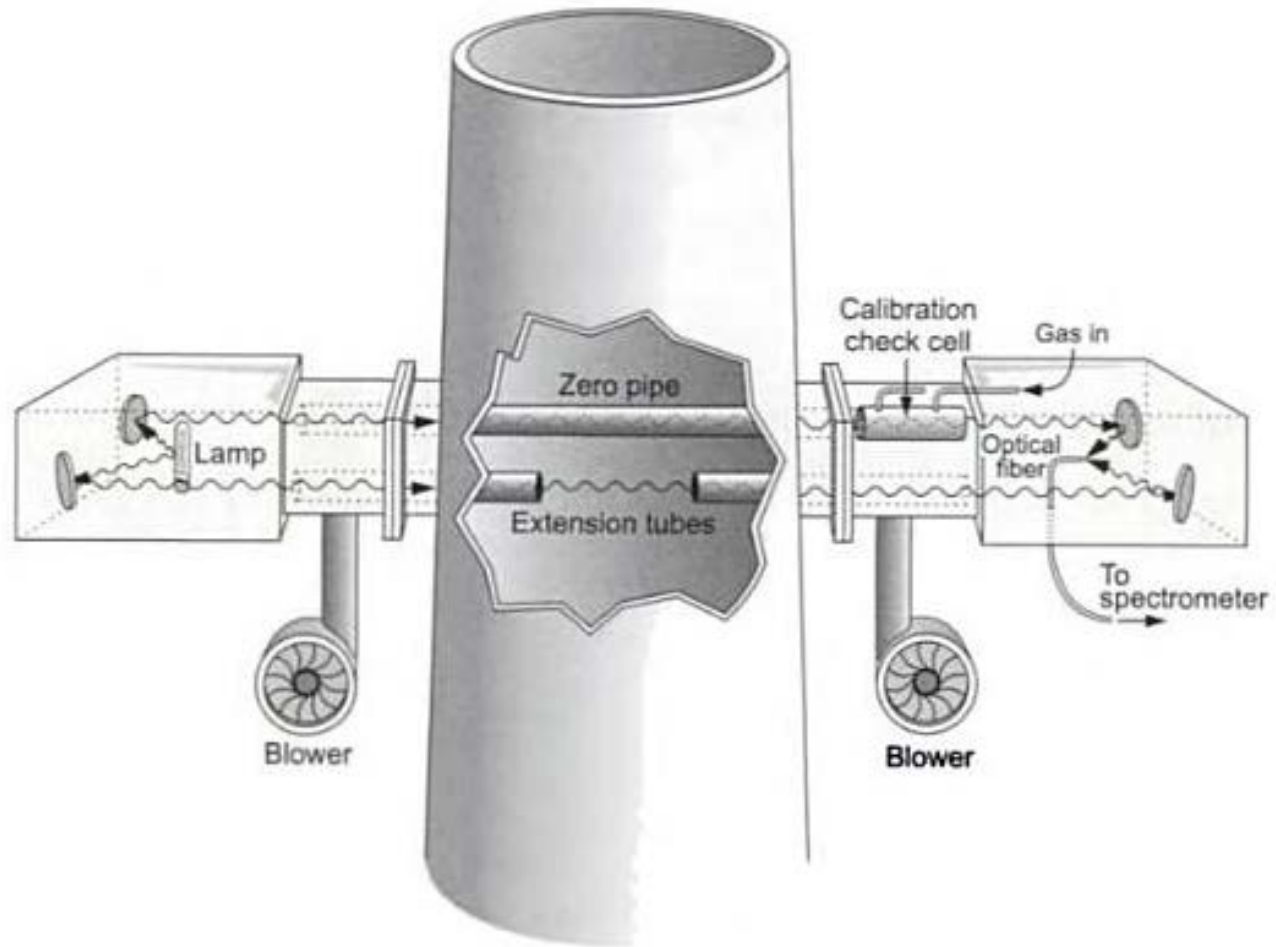


# **Sisteme de monitorizare continua a parametrilor de mediu**

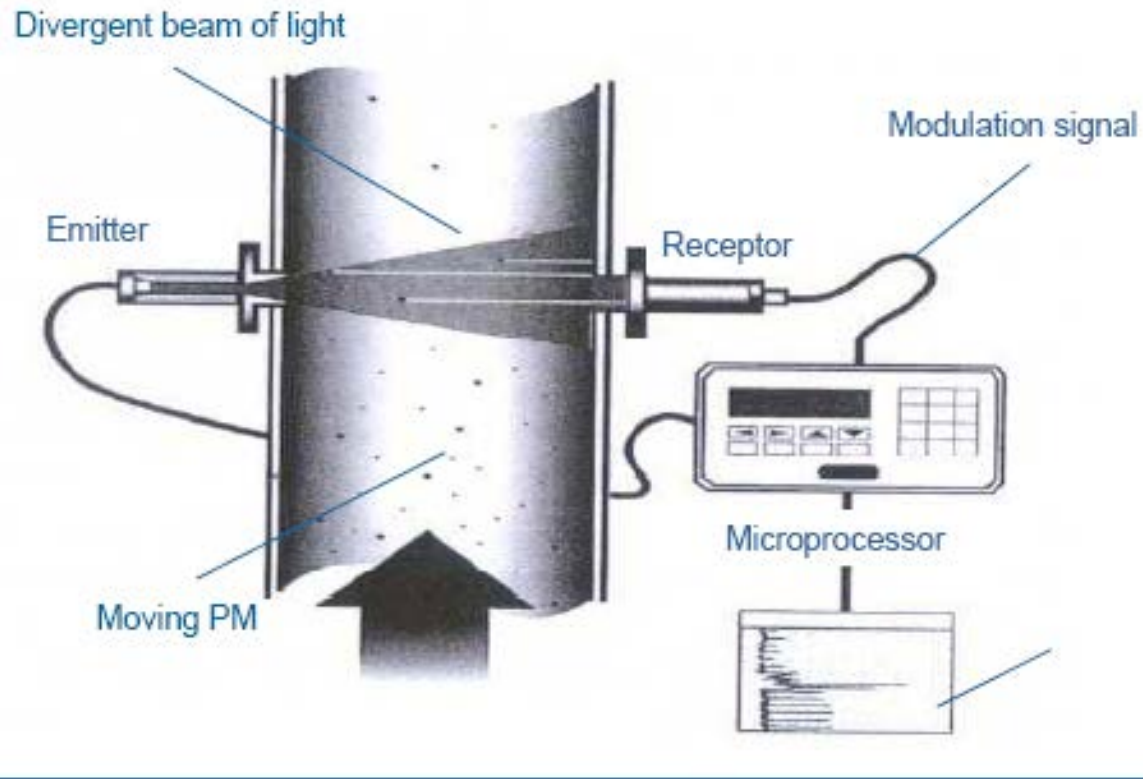


Structura unui sistem de monitorizare continuă a parametrilor de mediu

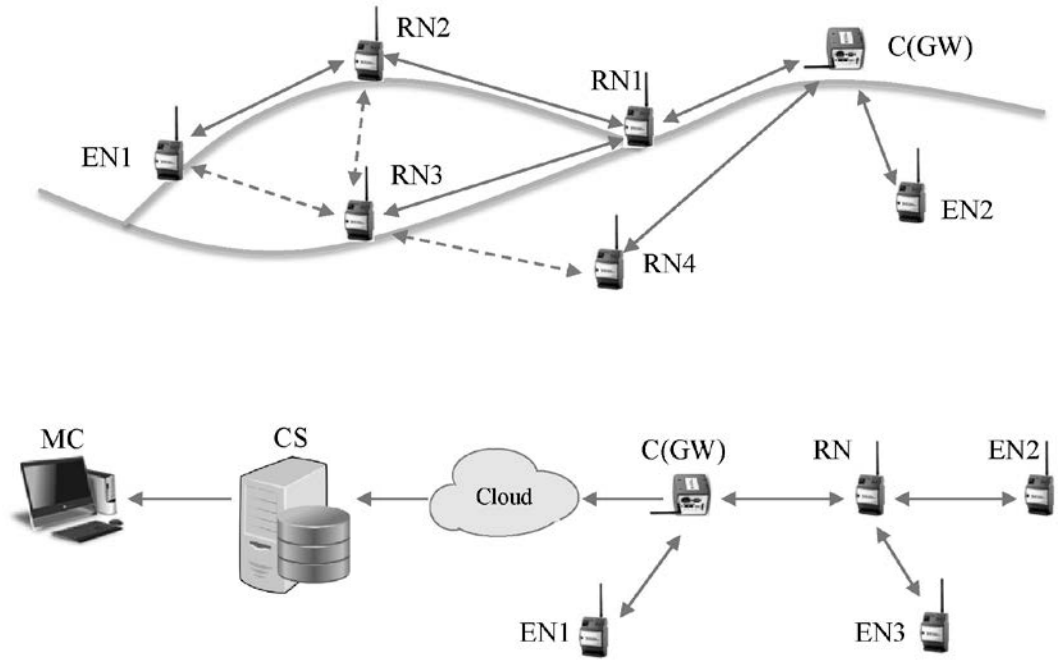
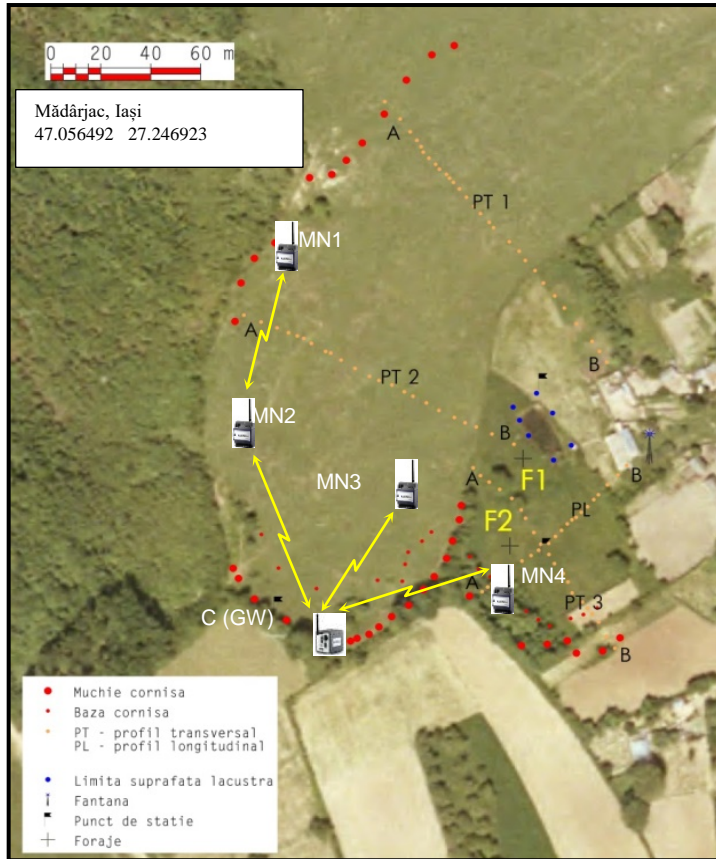
## Schema unui cap de masurare cu fibra optica



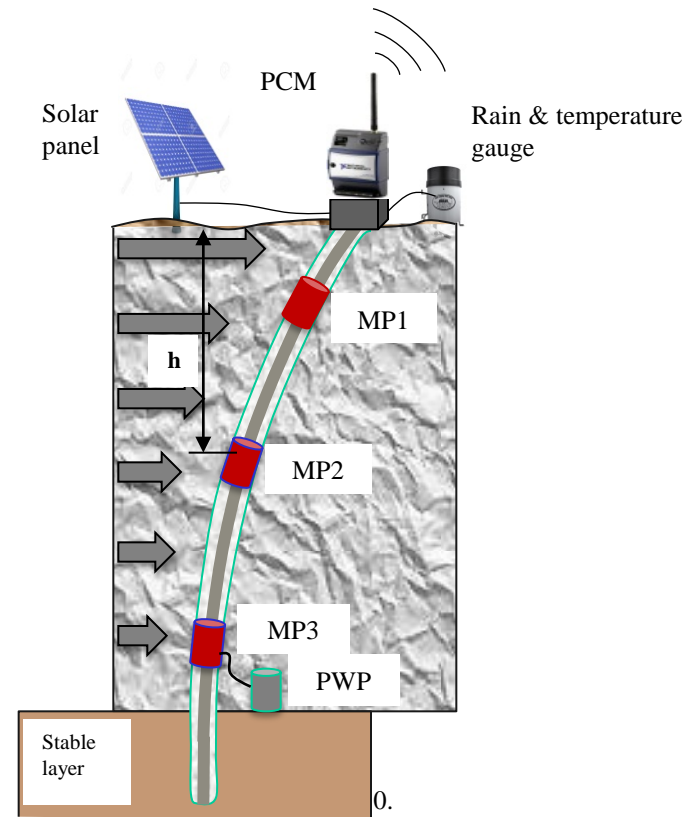
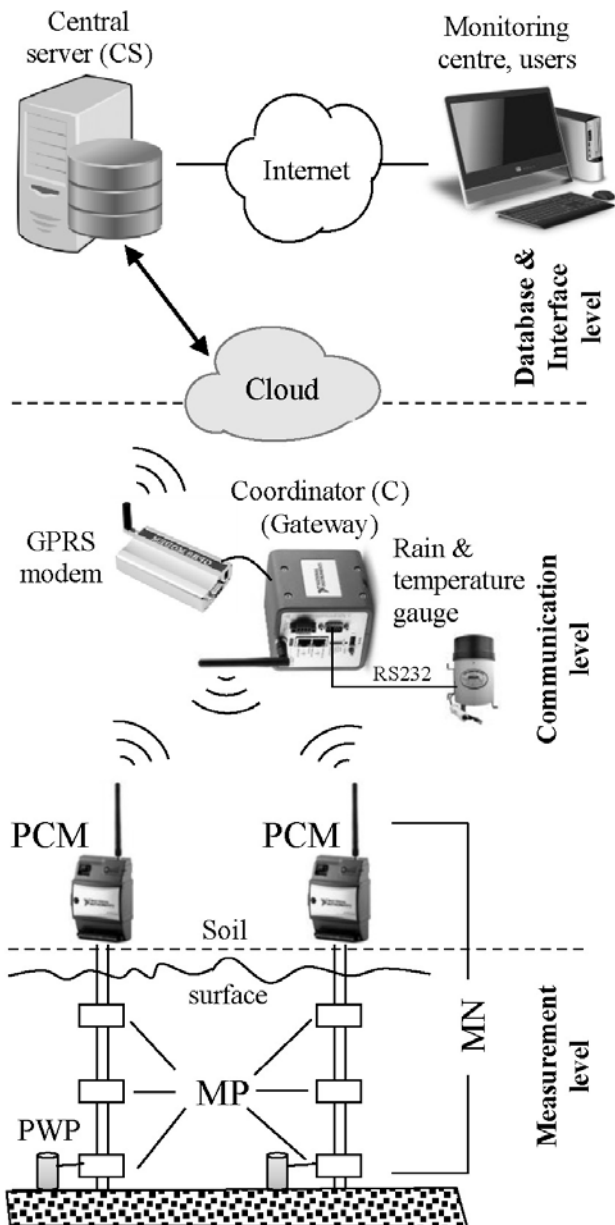
## Alt exemplu de cap de masurare prin metode optice



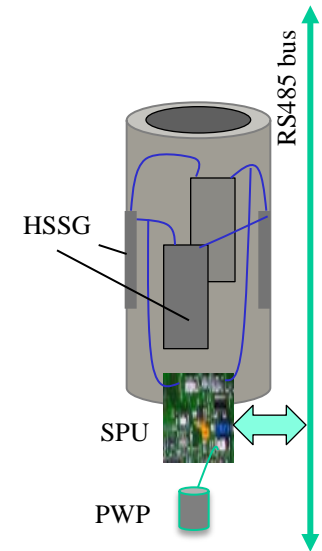
# Retea de monitorizare a hazardelor naturale



# Retea de monitorizare a alunecarilor de teren

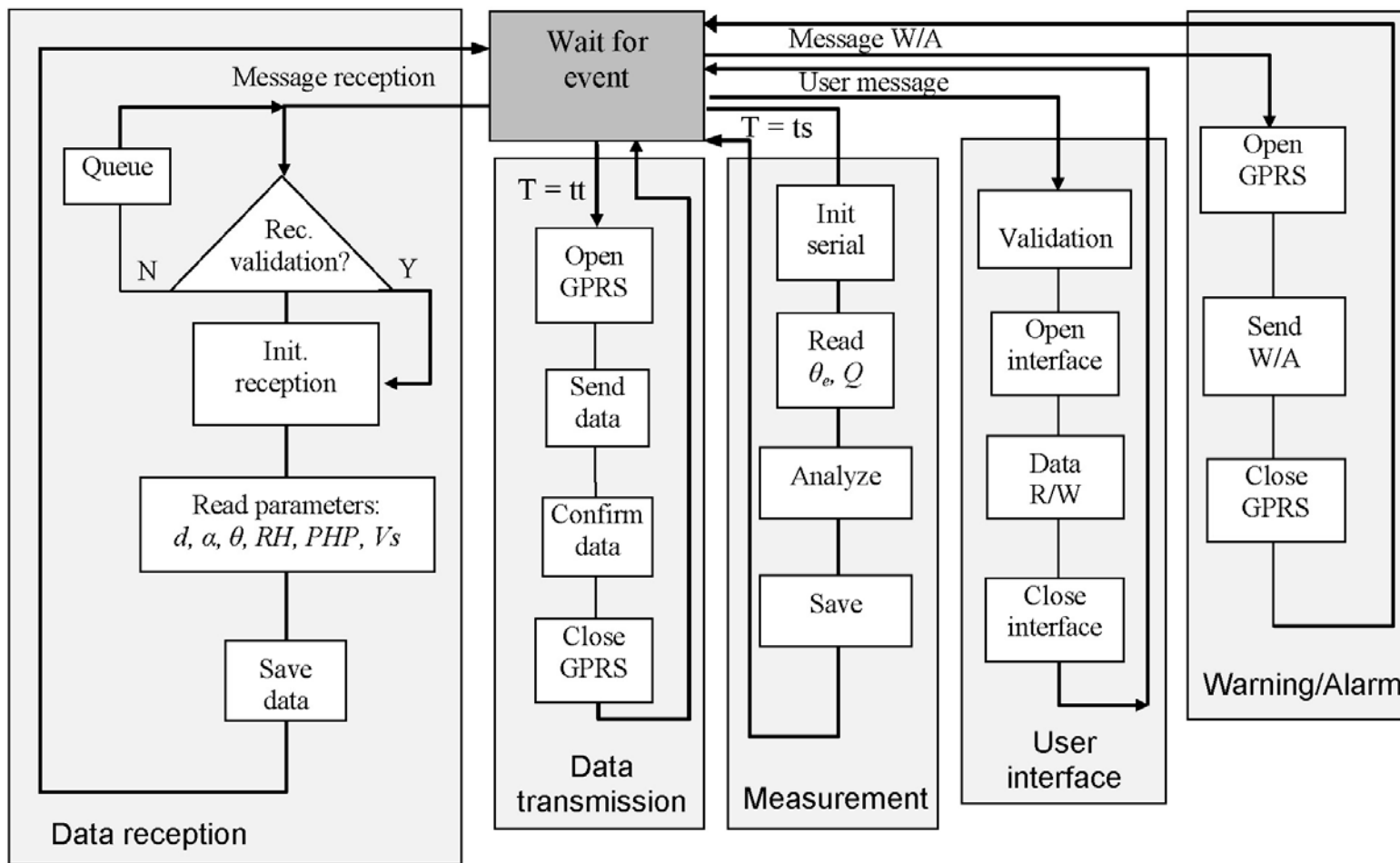


a)



b)

# Exemplu de protocol implementat la nivelul coordonatorului



# Panoul frontal al interfetei de monitorizare

## LANDSLIDE MONITORING INTERFACE

Map Node 1 Node 2 Node 3 Node 4 Node 5 Resource status

GPS N 47.056492 E 27.246923

Configuration End node

Initial time

Date 4/12/2016 Time 14:53

Scan time

Node 15 min Gateway 24 hour

History

Start 07:00 PM 01/01/2017 End 07:00 PM 30/11/2017

Actual value

15/12/2017 11:47

Measurement point

MP1 / 3m

Precipitation

0 mm

PWP

2.78 kPa

Temperature

5.5 oC

Displacement

12 mm

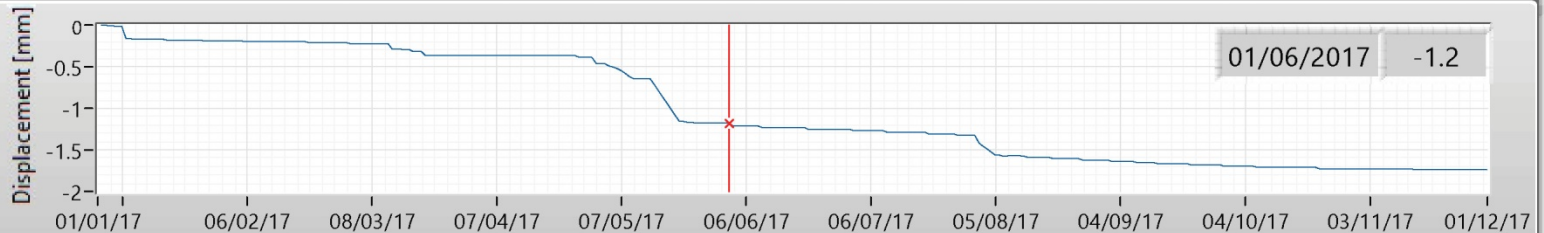
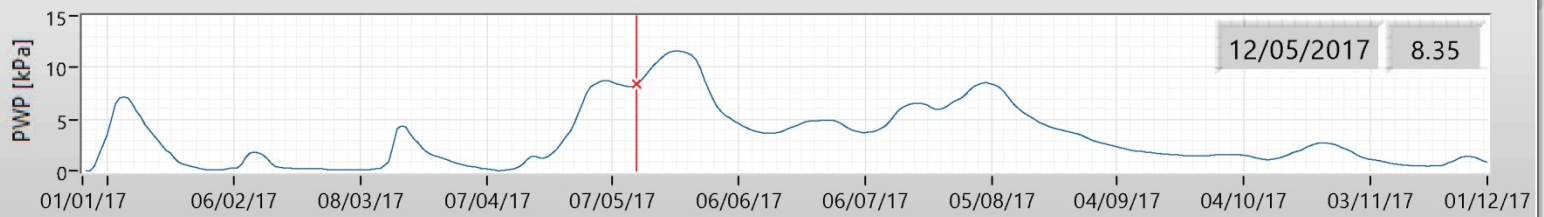
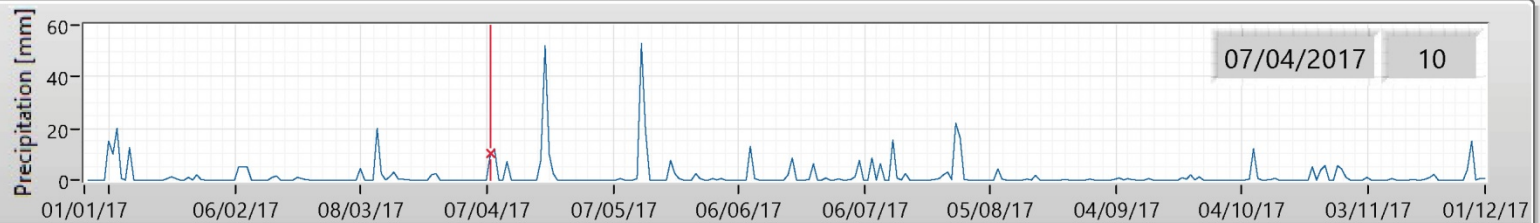
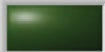
Orientation vs. N

146 degree

Power voltage

11.8 V

Alarm

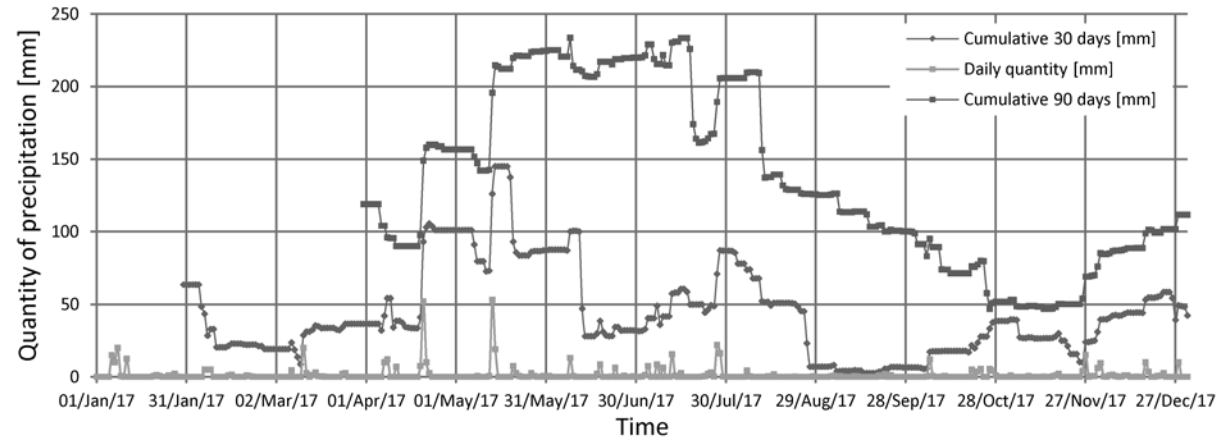




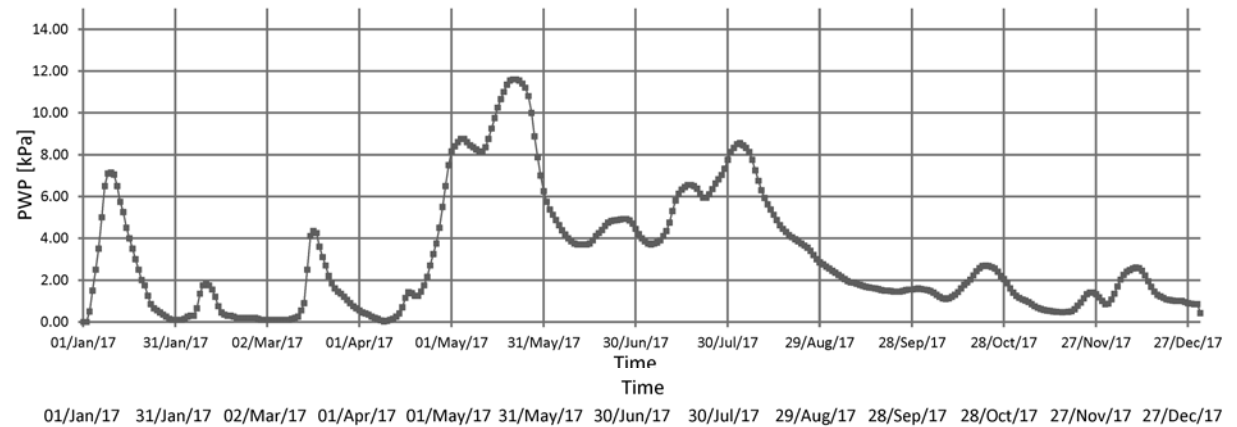


# Înregistrări

Cantitate de precipitații



Presiune în pori



Deplasare

