

資料1

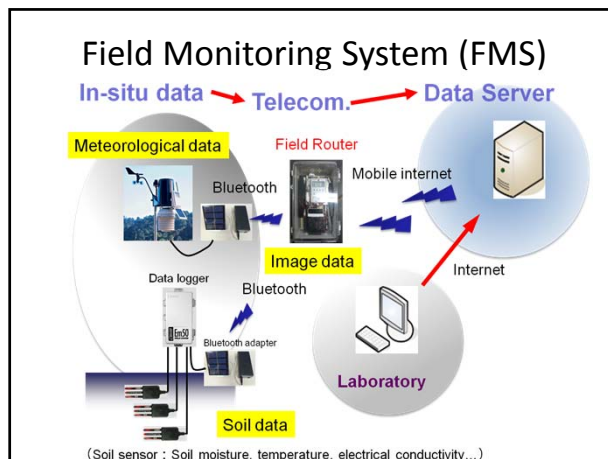
April 25, 2014
国際開発農学実験実習1



フィールドモニタリング

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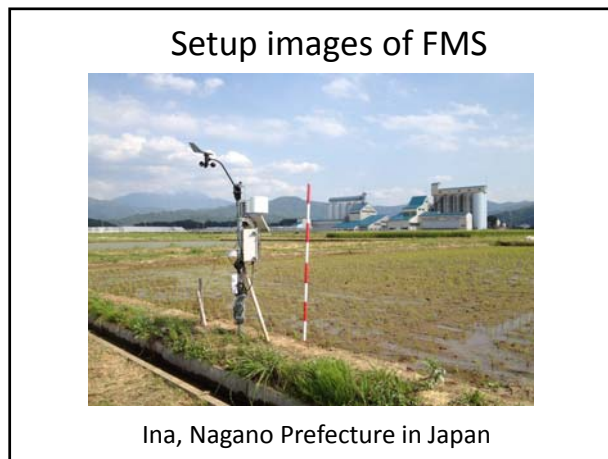




FieldRouter

- Status lamp
- USB modem
- Status display
- Timer
- Micro-PC
- Battery
- Charge controller
- Web camera

(38 cm x 25 cm x 10 cm)



Soil sensor

<http://www.decagon.com/>

- Soil moisture sensors measure
 - volumetric water content accurately and economically
 - the dielectric permittivity of the soil
- Benefits include:
 - TDR-level performance at a fraction of the cost
 - Very low power requirement
 - Easy installation at any depth and orientation

<http://www.iaig.a.u-tokyo.ac.jp/mizo/>

View of individual site

last seen: 2011/05/11 12:30 (JST GMT+9)

Images

David/VantagePro2 2011/05/11 12:09 battery:2900 logger time:2011-05-11 12:07:38 [CSV] [G.R.K]

Toyama01 2011/05/11 12:12 battery:2 logger time:2011-05-11 12:05:36 +06 [CSV] [G.R.K]

- Weather and soil data can be downloaded in CSV format
- The data can be processed freely using EXCEL

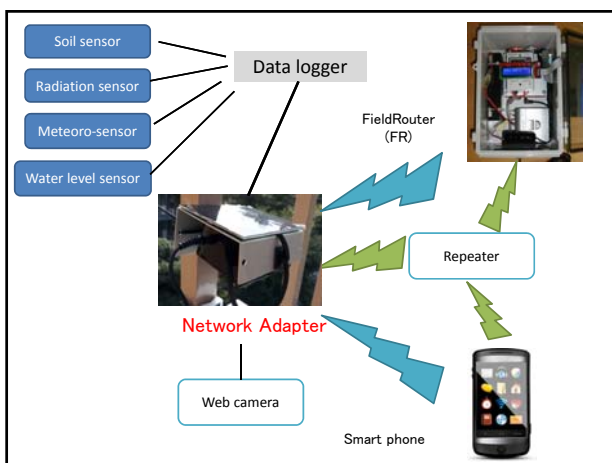
Calendar view function

2012 / 8						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
8/27	8/28	8/29	8/30	8/31		
8/20	8/21	8/22	8/23	8/24	8/25	8/26
8/13	8/14	8/15	8/16	8/17	8/18	8/19
8/6	8/7	8/8	8/9	8/10	8/11	8/12
8/1	8/2	8/3	8/4	8/5		

- Special application - Monitoring Iitate Village in Fukushima Prefecture (2011-)

飯館村の放射線モニタリング

Sasu 2014/03/09 12:23



Index of vbox0104 last seen: 2014/04/25 12:29 (25min.) JST GMT+9

last seen: 2014/04/25 12:29 (25min.) JST GMT+9

Images

[Image0]2014/04/25 12:14 (1925K) calendar / movie

Data

tanasi4 2014/04/25 12:09 battery:100 logger.time:2014-4-25 12:9:58 +06 [CSV] [G.R.K]

tanasiol 2014/04/25 12:10 battery:100 logger.time:2014-4-25 12:11:7 +06 [CSV] [G.R.K]