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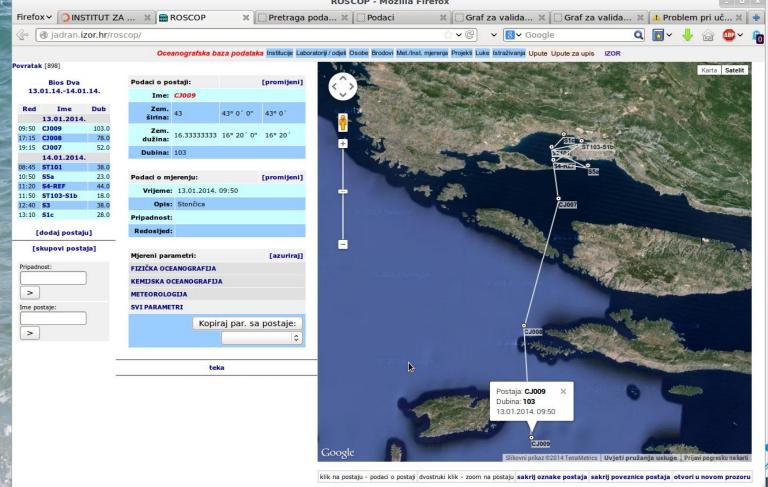




Cruise planning



In house web based application for cruises planning and reporting (ROSCOP)





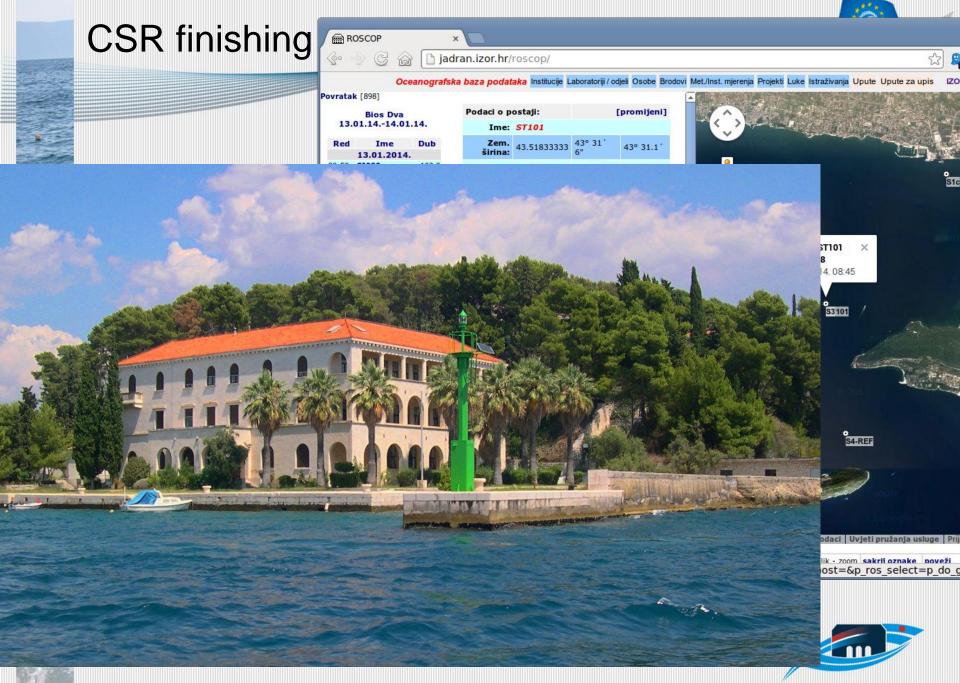
Cruise - measurements



- Parameters
- Sampling
- CTD







Data inserting



- Relational database with web interface
 - ORACLE 10.2 with app. server
- Upload and parsing CTD data
- Manualy inserted data



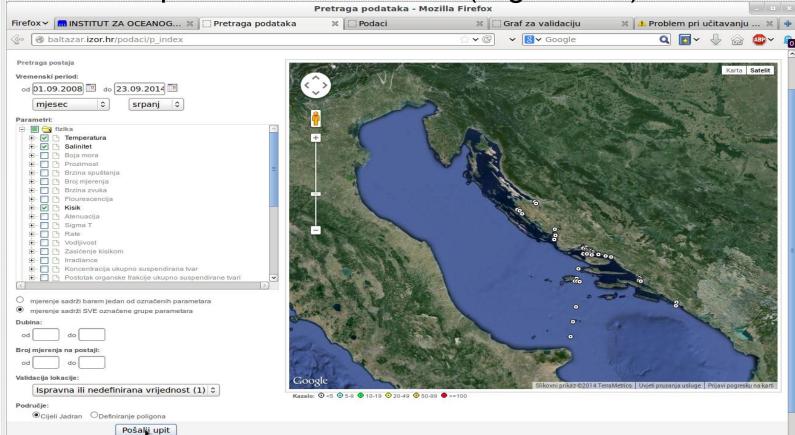




Data validation



- In house application
- Web interface
- Map for spatial visualisation (Google maps api)
- Javascript data visualisations (Highcharts)





Web visualisations



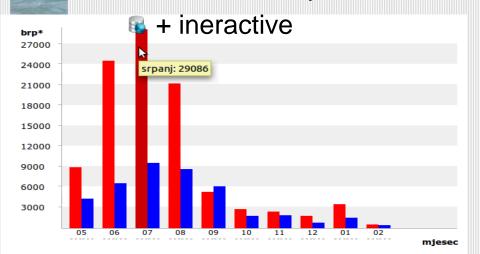
Succefully killed by Oracle

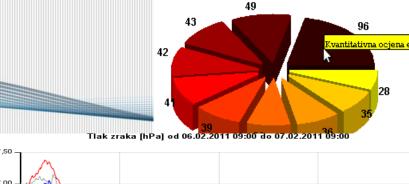
Flash graphs

- Flash player needed
- killed by smartphones

CSS graphs

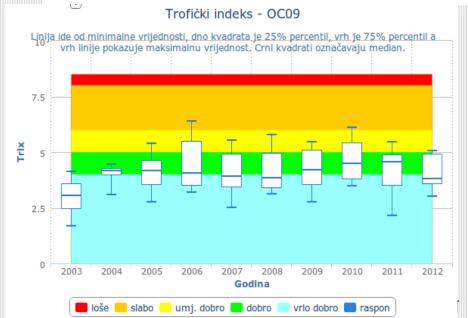
- + simple and fast
- Javascript graphs
 - + works everywhere





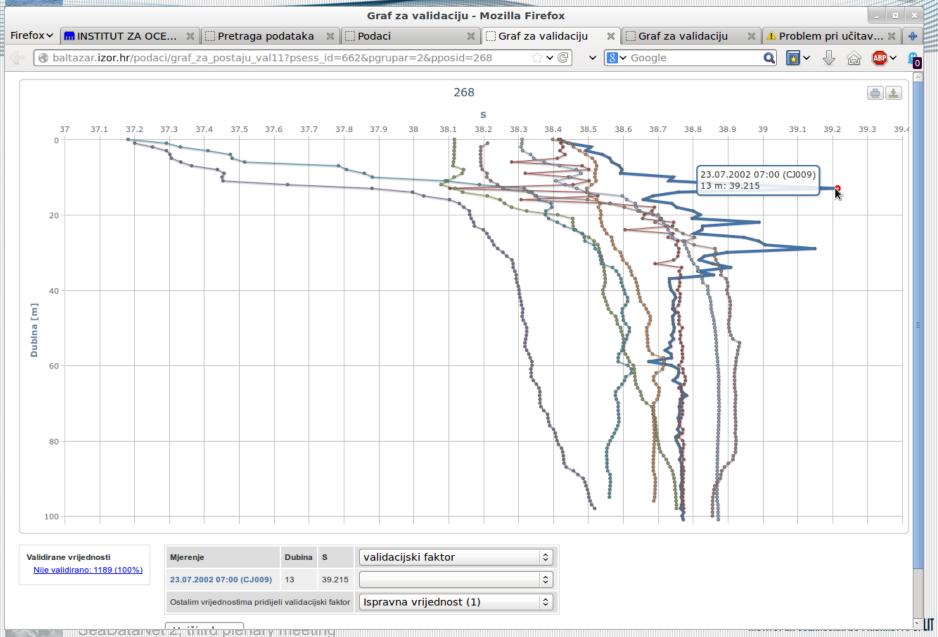


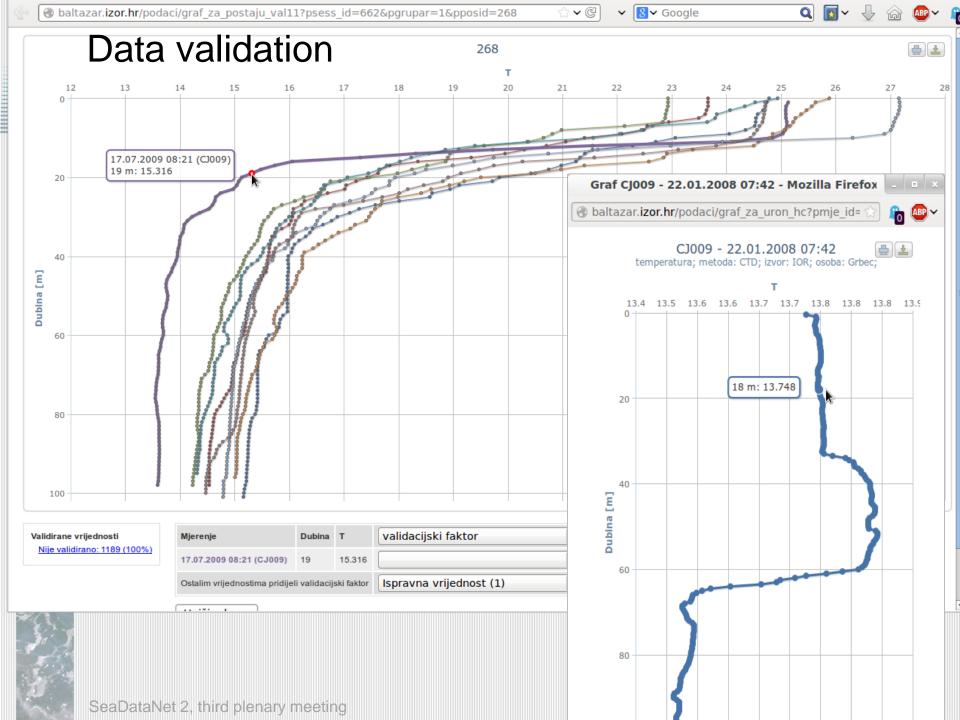
Tlak zraka je sveden na srednju razinu mora.



Data validation



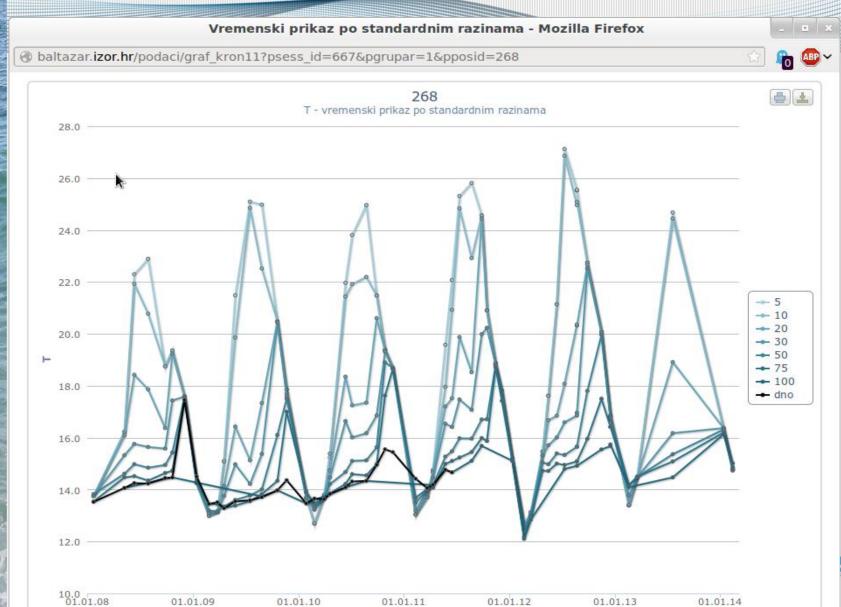




Data visualisation



TVO SPLIT



Parameters mapping





- Standardisation
- Example with crossmaping
- Changing names problem (EEA example)



CDI generation



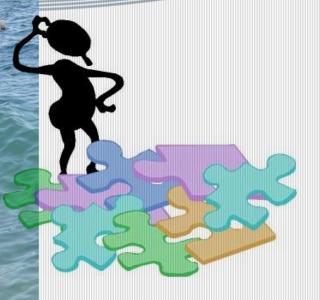


- From database to file containing data
- Use of MIKADO tool for CDI and couplind table
- ODV format
- Plans for direct connection with Download Manager



Problems





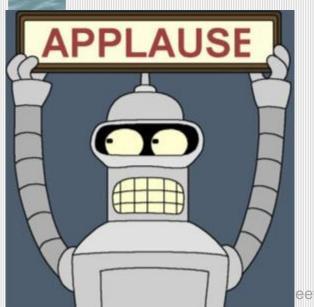
- Lack of data policy and/or data managment workpackage in some projects
- Owner of data definition/aprovement
- Citations and "My data attitude"



Future plans



- Increase number of CDI's (solving problems)
- Improve validation
- Improve CDI generation





Questions



