University of Cologne
Institute of Geography, Regional Computing Centre

Establishing data management services for multi-disciplinary, long-term collaborative research centres

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Introduction

- Research conducted in collaborative, interdisciplinary, long-term research projects requires sharing of various information, documents and research data
- Central RDM infrastructures and services are essential to create synergies
- RDM systems should be designed according to project requirements and support of all project data (e.g. research data, publications, conference contributions, reports)
- RDM services have been established for two German research projects

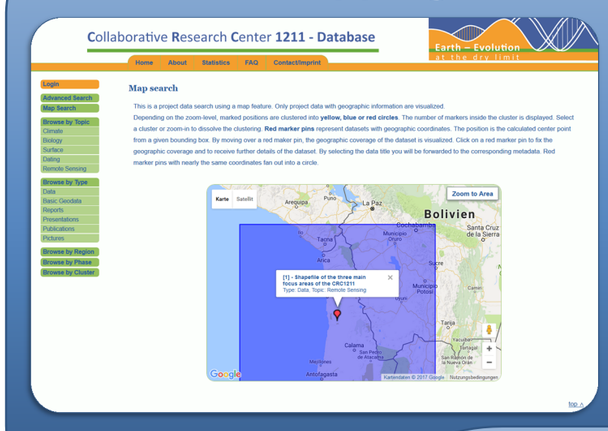
CRC / Transregio 32

- 'Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation' (www.tr32.de)
- RDM system (www.tr32db.de)

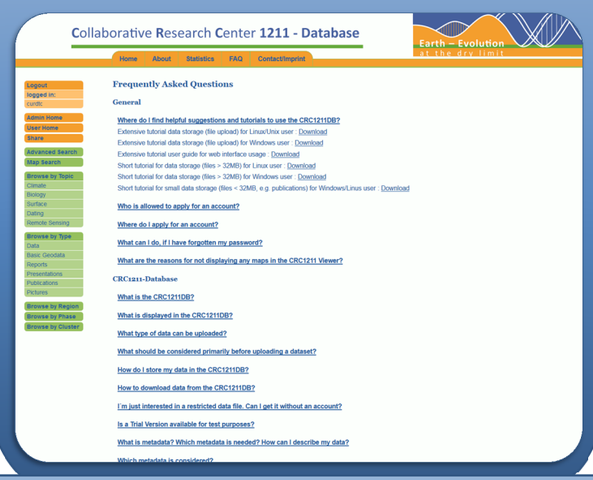
CRC 1211

- 'Earth - Evolution at the Dry Limit' (www.crc1211.de)
- RDM system (www.crc1211db. uni-koeln.de)

web mapping

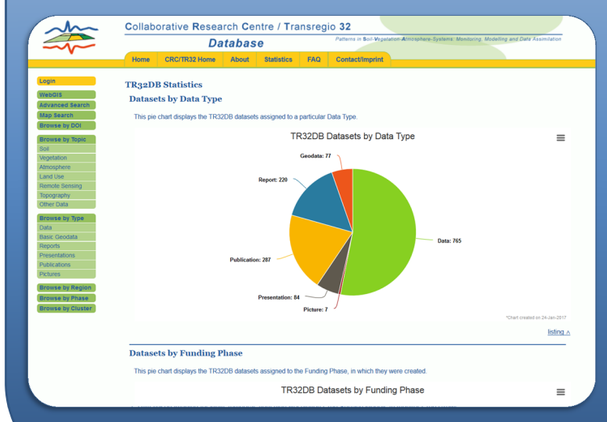


training & support

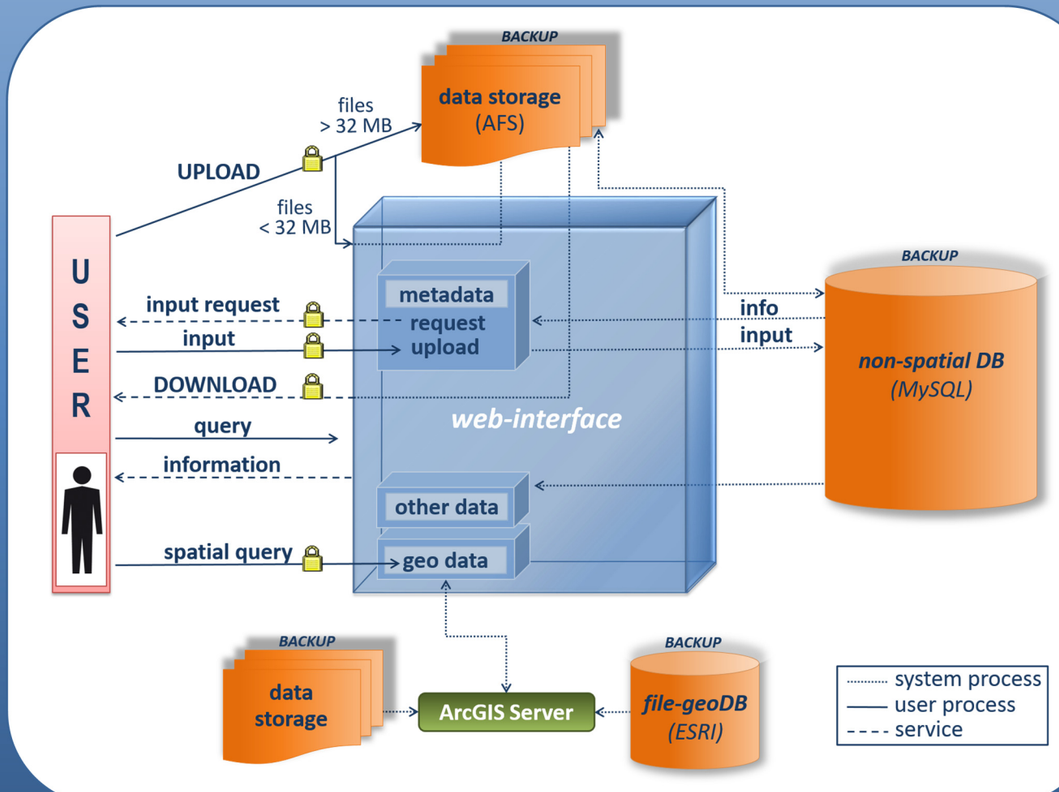


internal data sharing

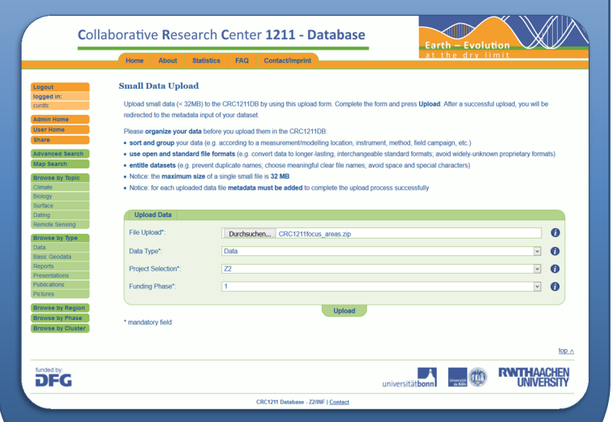
data statistics



RDM services for Collaborative Research Centres (CRC)

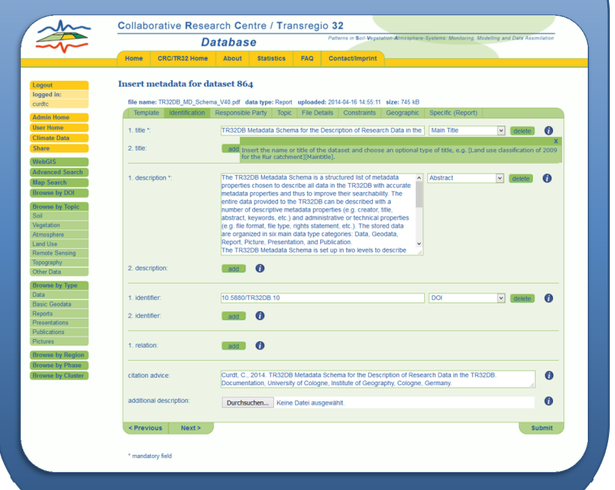


data storage & backup



data download & access

data documentation



data search

data publishing

Conclusion

- RDM services have to be established according to user & project needs
- RDM infrastructure should be set up in cooperation with local facilities
- RDM systems should meet recent standards & schemes (e.g. metadata)
- User training & support is essential

References

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funded by: DFG