

Something with computers

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Timeline

- Studied Biology from 2008 to 2013
- 2011 - Bachelor thesis in plant ecology
 - "Impact of bio char addition to sandy soil on fast growing biomass poplar."
- Workshop on finding personal strengths in your own biography
- 2013 Master thesis in animal ecology
 - „Comparison on stochastic und knowledge-based habitat-suitability-models.“

Timeline

- 2013 – 2016 Research assistant\scientific assistant (50%) WG-Wolters
- WS 2013-2014 one semester Bioinformatics
- „IT-Guy“ of the work group,
 - Started programming (Python)
 - Data analysis and R support for Ph. D. Students

Motivations

- Worked through a lot of legacy data
- Knowledge about a datasets regularly leaves a workgroup
- Seen a need for standardization and better documentation practices
- Every work group should have a fixed „IT-Person“

Research Data Consultant

- How did I've found the job: **Luck**
- Workplace: University Library and Computing Centre
- Impact of digitization on research and its data
- Part of a joint hessian project (2016-2020)
 - **All universities and universities of applied science participate**
 - Goal: Establish „Hessian Research Data Infrastructures“ (HeFDI)

Project Goals

- Implement **research data policies**
- **Develop teaching** content
- Build a common **information platform**
- Develop a support for **legal issues**
- Local support for **backup, archival** and **publication** of data (Repository)

What is research data management?

Everything that helps to **preserve the value of your data** over time.

- **Structural aspects:** proper documentation and data organization.
- **Technical aspects:** regular backups, storage size and availability.
- **Legal aspects:** who owns the data, who is allowed to use it, whose rights might be affected by this data(privacy)
- **Practical aspects:** how to anonymize, analyze, publish, search data

Daily routine?

- Prepare talks/lectures
- Hold talks and lectures
- Consult on funding proposals
- (Web)-Conferences with colleagues in Hesse
- Consult on actual RDM aspects
- Visit conferences of the professional community
- Participate in workgroups of the project

Pros and Cons

Pros:

Topic

Colleagues

Working hours: Time Tracking

Location

So far: Only positive feedback

Cons:

Writing Text

Working hours: No home office

Job situation

- Currently huge interest in this topic by funders
- Might be a hype (not sure). Hopefully not.
- Typically libraries or computing centers are searching for RDM
- Most positions are temporary

Job situation

- Requirements:
 - Experience in research
 - Familiar with working in the digital domain
 - A sense for order and structure might be good
 - First knowledge about the professional side of research data management