Dat Alumni-Survey on Data Management

In the course of the DAAD funded project DatAlumni, an online survey was conducted.

We wanted to learn about the data management and data literacy competences of ZMT Alumni, as well identify challenges and needs when managing data.

The following slides summarize the outcome of this survey.
Which is your continent of residence?

42 responses

- Africa: 28.6%
- Asia: 16.7%
- Australia: 7.1%
- Europe: 28.6%
- North America: 19%
- South America: 7.1%
Professional Background

Discipline
- 46.5% Social Science
- 14% Environmental Protection and Policy
- 11.6% Ecology
- 7% Biogeochemistry
- 9.3% Microbiology
- 9.3% Geology
- 9.3% Climate/Ocean Modelling
- 9.3% Biologic Modelling
- 9.3% Other

Sector of employment
- 65.1% Academia
- 16.3% Politics
- 9.3% NGO
- 9.3% Private Sector
- 9.3% National Agency
- 9.3% Other
Why do you store your data in repositories?

- **Funding agency obligation**: 10 (25.6%)
- **Institutional guidelines**: 14 (35.9%)
- **Publisher obligation**: 10 (25.6%)
- **Suggestions by boss or colleagues**: 5 (12.8%)
- **Personal decision**: 17 (43.6%)
- **Keeping data safe (person's decision)**: 1 (2.6%)
- **I haven't open data sharing**: 1 (2.6%)
The participants indicate that they use data from repositories less often, than they think is common in their discipline.
A too complicated data submission, unclear data „ownership“ and confidentiality appear to be stumbling steps.
Categorized additional comments from participants

<table>
<thead>
<tr>
<th>Reason</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No awareness of databases</td>
<td>4</td>
</tr>
<tr>
<td>Insufficient guidance through repositories</td>
<td>4</td>
</tr>
<tr>
<td>No good data management skills</td>
<td>7</td>
</tr>
<tr>
<td>No awareness of usefulness</td>
<td>3</td>
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<tr>
<td>External Hold-Backs</td>
<td>1</td>
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</tbody>
</table>
Which personal benefits could imagine through data sharing

Informing the public, less plagiarism and career boosting were seen as less important benefits of data sharing.
Which personal benefits could imagine through data sharing

Categorized additional comments from participants

<table>
<thead>
<tr>
<th>Do you see additional benefits?</th>
<th>Cooperation</th>
<th>Intercomparison and Exchange</th>
<th>Archiving knowledge</th>
<th>New project ideas</th>
<th>Improving infrastructure</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
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</tbody>
</table>
### Which training activities in data management would be useful for you personally?

<table>
<thead>
<tr>
<th>Overview of data bases and guidance</th>
<th>Computer Skills</th>
<th>Data Management skills</th>
<th>Promote Data Bases</th>
<th>External circumstances</th>
<th>Off Topic</th>
</tr>
</thead>
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<td>Count 8</td>
<td>Count 7</td>
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