

1 Bridging between data providers and users: best practices and lessons learned

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4 **Abstract**

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abstract text ...

9 Introduction

intro text ...

11 OUTLINE (from chat btw Carl/Scott)

- use cases necessitate FTP vs. csv dump vs. rest API vs etc.
- within APIS: what are best practices
- discoverability - how do you find out if an API has data (taxonomic, geospatial, etc.) you want?
- data formats: tabular vs. JSON/XML, etc.
- combining data: e.g., using identifiers instead of names
- best practices in relational databases, briefly
- ropensci filling gaps btwn data providers and scientists
- communicating from data provdiers to sci.
- communicating from sci. to data provdiers

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24 References