

# Protocol – Data management meeting 03.07.2018

## Participants:

**Kirsten Elger** - GFZ data management  
**Boris Kaus** - rep for Thermomechanical modelling  
**Christoph von Hagke** - rep for Thermochemistry, Surface Processes  
**Magdalena Scheck-Wenderoth** - rep for gravity modeling  
**Angelo Strollo** - rep for GeoFon  
**Cameron Spooner** - rep for L. Scheck  
**Michael Weber** - rep for Seismology  
**Christian Haberland** - rep for Seismology  
**Mark Handy** - rep for Tectonics  
**Emanuel Kästle** - SPP Coordination

- Opening remarks M. Handy
- Presentation of data management at GFZ by K. Elger
  - metadata could be entered and handled with the GFZ tools
  - metadata would then be searchable and could be made public
  - this would provide us with a presentable list of collected data (DFG requirement) and gives an easy overview of available data for the SPP members
  - metadata could link to a landing page (e.g. the SPP homepage)
  - Individual groups should come up with a list of data, data products and data sizes that should be in the SPP data repository (new data manager will deal with that)
  - There was general agreement on the data management scheme proposed by Kirsten Elger: metadata will be handled with the GFZ tool, adapted to the needs of the SPP members. Once the data is published it can be stored at the GFZ and gets a DOI.
- Discussion
  - some of the data that may be worth sharing is very large in size (numerical models). This data cannot be stored locally.
  - Common format is desirable but probably not realistic
  - some groups may not want (all of) their metadata public?
  - a data manager should be hired
  - The SPP would like to hire a data geoscientist at the FU to carry out the tasks:
    - Create and maintain SPP data archive, together with Kirsten Elger
    - Interact with SPP groups and participants, determine data types, data sizes and data formats to be used and stored
    - Develop a scheme for storing (large) datasets (before publication – after publication they can be stored at the GFZ data center)
    - Reach consensus with the SPP groups on which data should be accessible publicly/internally?
    - Solicit and collect metadata from SPP project groups

- Develop a metadata vocabulary that is adapted to the needs of the SPP
- Field questions of the SPP community regarding data management
- Liaise with SPP Steering Committee, GFZ data services and AlpArray data manager(s)
- Job description
  - We seek a data geoscientist (PhD) with excellent communication skills to coordinate and manage large volumes of diverse geodata in a large scientific project (seismology, thermochronology, tectonics, rock physics). Close cooperation between project coordination at the FU-Berlin and data management at the GFZ-Potsdam; Hiring period: 1 - 2 yrs, Starting date – as soon as possible
- To Do
  - Meeting participants will send drafts of position announcements to Emanuel Kästle, who will collect them and write a job advertisement with Mark Handy
  - Incoming applications will be handled by Emanuel Kästle, suitable candidates will be selected by reps of different disciplines present (Boris Kaus, Christoph v. Hagke, Magdalena Scheck-W., Mark Handy, Christoph Haberland/Michael Weber)