For the purpose of this discussion, we will focus on the importance of standardization in the bio-logging field, particularly on the life cycle of bio-logging data: from origin to mobilization and data exchange. The use of standards like the Open Geospatial Consortium (OGC) ‘SensorML’ and ‘Observations & Measurements’ (O&M) standards will be highlighted as a means to facilitate the transfer of bio-logging data from sensors to repositories and to users for subsequent analysis. These standards provide a consistent format for long-term archiving, allowing for efficient data aggregation and meta-analysis. A mind map will be presented to illustrate the different pathways of bio-logging data during its life cycle and the opportunities for standardization within this cycle.
machine-readable methods for describing bio-logging sensors and the measurements they collect, offering a standardized structure that can be customized by the bio-logging community (e.g. with standardized vocabularies) to achieve interoperability.

**Keywords**

Bio-logging standards, mind map, data mobilisation

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