



MED-SUV Data Life Cycle

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The MED-SUV project aims to implement a digital e-infrastructure for data access in order to promote the monitoring and study of key volcanic regions prone to volcanic hazards, and thus improve hazard assessment, according to the rationale of Supersite GEO initiative to Vesuvius- Campi Flegrei and Mt Etna, currently identified as Permanent Supersites.

The present study focuses on the life cycle of MED-SUV data generated in the first period of the project and highlights the managing approach, as well as the crucial steps to be implemented for ensuring that data will be properly and ethically managed and can be used and accessed from both MED-SUV and the external community. The process is conceived outlining how research data being handled as the project progresses, describing what data are collected, processed or generated and how these data are going to be shared and made available through Open Access.

Data cycle begins with their generation and ends with the deposit in the digital infrastructure, its key series of stages through which MED-SUV data passes are Collection, Data citation, Categorization of data, Approval procedure, Registration of datasets, Application of licensing models, and PID assignment.

This involves a combination of procedures and practices taking into account the scientific core mission and the priorities of the project as well as the potential legal issues related to the management and protection of the Intellectual Property.

We believe that the implementation of this process constitutes a significant encouragement in MED-SUV data sharing and as a consequence a better understanding on the volcanic processes, hazard assessment and a better integration with other Supersites projects.