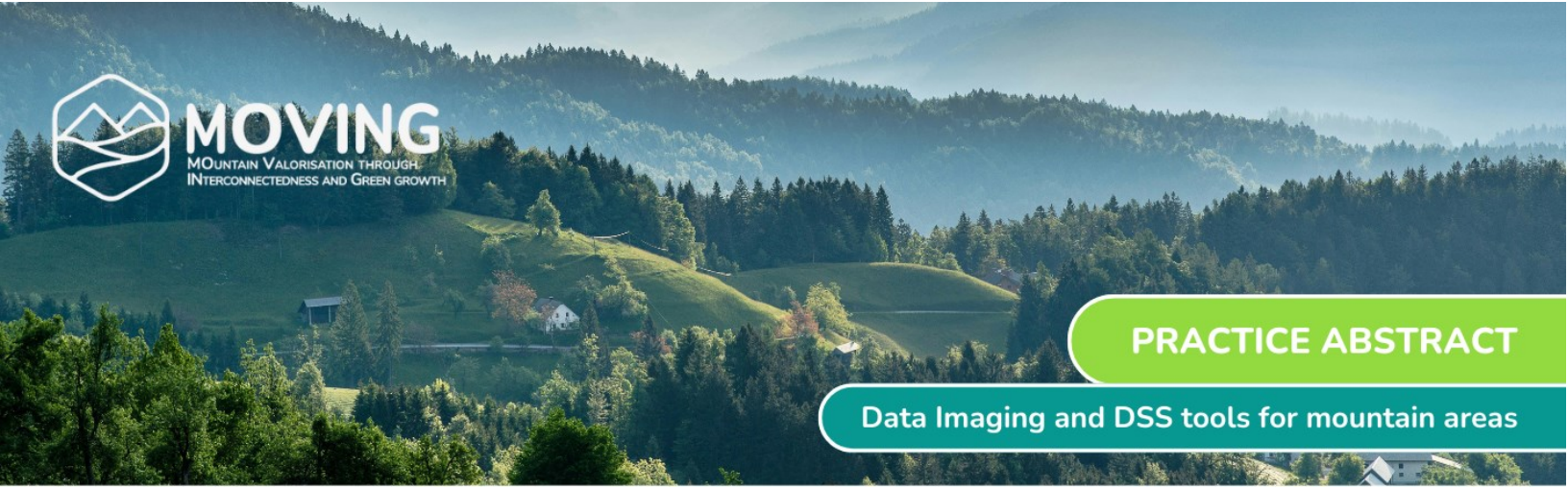

Data imaging and DSS tools

Topic
Authors Consiglio Nazionale delle Ricerche
More info https://www.moving-h2020.eu/story-maps/

CNR designed, developed, and released an online tool - the Story Map Building and Visualizing Tool (SMBVT) - that allows users to create story maps within a collaborative environment and a usable Web interface.

SMBVT is hosted by the open science-oriented e-Infrastructure D4Science. Story maps are computer science realizations of narratives based on maps, which are accessible through many digital devices (e.g., PCs, tablets, smartphones, interactive displays). SMBVT displays the results of a workflow that takes an unstructured textual MS Excel file as input and automatically generates textual stories enriched with media objects, presented as story maps. Additionally, the tool offers a search functionality for data exploration and analysis.

These functionalities allow a better understanding of the different characteristics and problems that affect the MOVING value chains. Indeed, the workflow we developed aggregates all the data collected within the project based on the topic they refer to. It shows the aggregated data in a user-friendly and simple way (as story maps), and allows users to explore the data through predefined queries.

Finally, by exploiting the advantages of the use of a formal model (i.e., the Narrative Ontology), our workflow adds a storytelling dimension to value chains' processes, providing valuable insights into the contextual factors that can influence decision-making. This narrative aspect enhances the qualitative understanding of value chains' processes and opens avenues for storytelling within the maker community.

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