

The Map Module for the ROAD Database

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ROAD makes use of a variety of tools to visualize data, among them the Map Module. The Map Module represents a handy way to display the geographical and temporal distribution of query results on a map. The Map Module offers a variety of services. First, it represents a simple way for anyone to check whether specific datasets are available in ROAD. In addition, registered users may apply the Map Module as a quick and simple way to display data on maps. The Map Module allows a user to select among a variety of maps, for instance displaying modern topography and climate as well as reconstructions of past climate and ecosystems – depending on specific research questions.

Finally, the Map Module serves as a link to other databases in order to search for additional data that are not stored in ROAD, thus avoiding redundancy in the efforts required in data collection. The Map Module provides a map interface in which query results from multiple databases can be joined and displayed. This can be achieved either graphically on the map or as a series of tables, which can be downloaded and subjected to further analysis, modeling or simulation. Applications in the Map Module are continuously updated and further developed. This poster introduces you to the main features of the Map Module and welcomes ideas for further development.



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