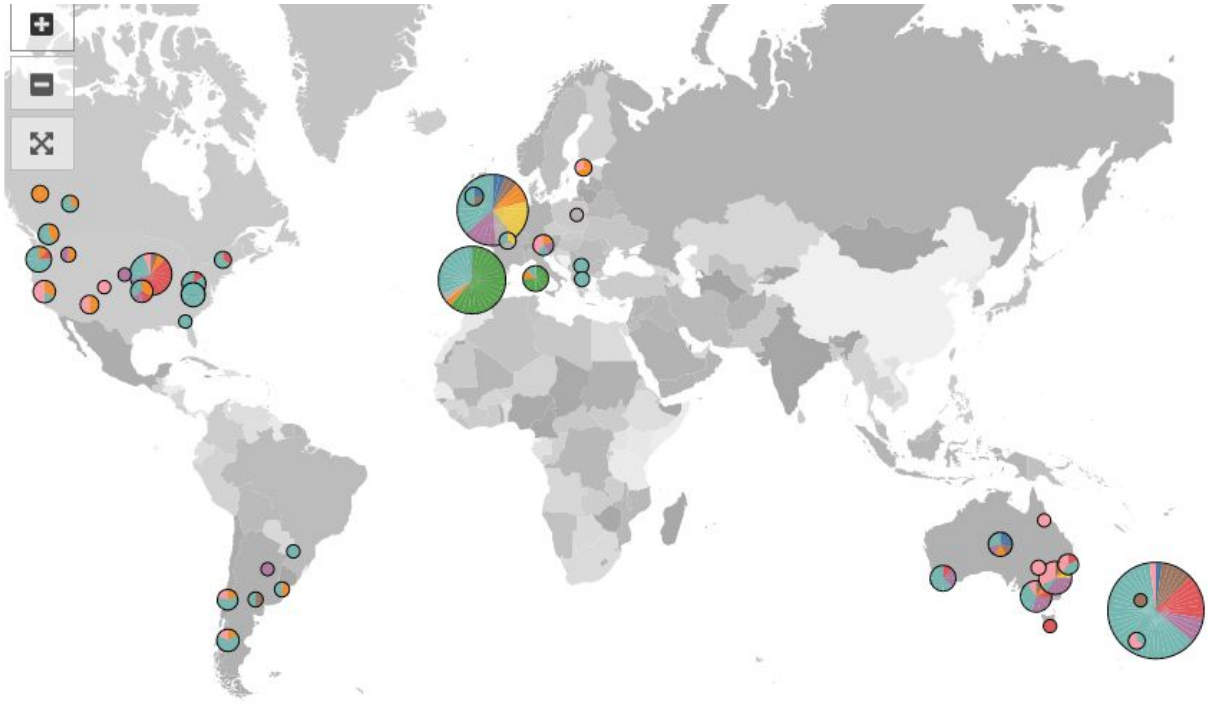
Implications of agroforestry on livestock production, environmental impacts and economics: Using the evidence based map tool

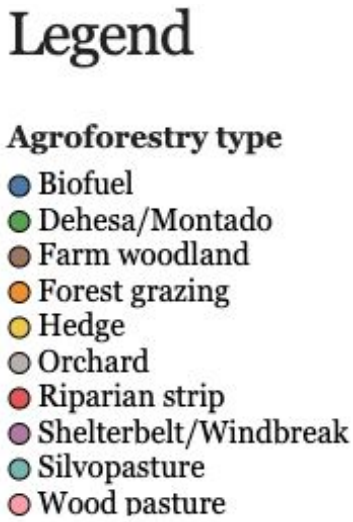
The Mapping Tool

The mapping tool is a visual representation of the coded sheets in the evidence map. Studies are georeferenced and displayed as points on a global map.



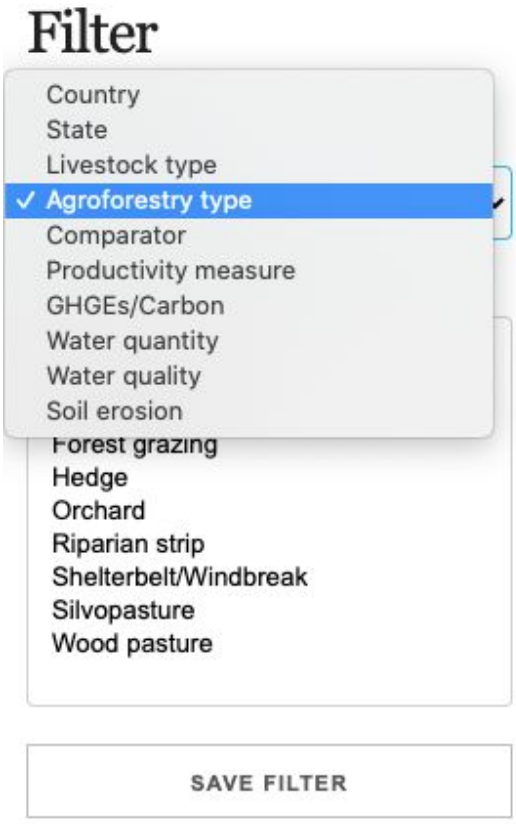
Legend

The legend displays each data point of Agroforestry type (by system) studied from the systematic mapping database.



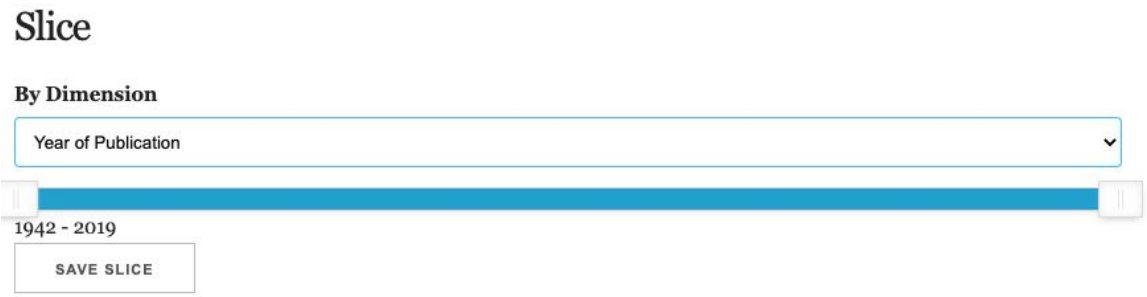
Filter

Using the filter function users can select one or more of the following categories to sort the data displayed on the systematic mapping tool: Country; Livestock type; Agroforestry Type; Comparator Productivity measure (what productivity measure was used to assess the effects); GHGEs/Carbon; Water quantity (effect of agroforestry thereon); Water quality (effect of agroforestry thereon); Soil erosion (effect of agroforestry thereon). Multiple filters can be selected (for example, selecting Silvopasture and Riparian Strip). Filters can also be combined using a Save Filter option, if users want to view results with multiple active filters, for example, looking at only studies in New Zealand or USA using Silvopasture or Riparian Strip systems that were using looking at Understory/Pasture production as a productivity measure.



Slice

The slice option is another way to filter results, and enables the data in the systematic mapping tool to be sectioned by Publication Year. Slices, like filters, can also be saved for multi-filtered views of results, and can be combined with other filters.



Viewing Coding Sheets

To view a coding sheet, users select a result by double clicking its point on the map. This will display the associated data sheet below the map. All data sheets have full bibliographic details and a link to the full-text of the article from which the study was taken, if available. They contain information described above in the sections on Legend, Filters and Slice.