

## **Section 5**

### **Mapping data**

Besides providing our data by selected spatial areas such as by EEZs or LMEs via our website, we also generate spatio-temporal maps presenting the results of our process of assigning catches and related data to ecologically meaningful (via explicit taxon probability distributions, see Section 3) and politically feasible space (via our fishing access database, see Section 4.2). This mapping provides a unique visualization tool to better understand the spatio-temporal development of global fisheries, and is being expanded to incorporate a variety of parameter combinations.

Of note is that the map projection we use is an equal area projection, which, unlike the more commonly used Mercator projection, corrects for the over-emphasis of northern hemisphere land and ocean areas, and thus more realistically represents areas and space across the globe, including in the tropics.

We anticipate that this mapping tool will be instrumental in refining and improving data and input parameters over time, and we welcome constructive feedback.