Goal: Calculate mangrove habitat area per country

Input:

* Global mangrove watch 2016 map
* World Countries
* EEZs?

Workflow:

1. Cut the mangrove polygons which overlap country borders
2. Relate each mangrove polygon to a country
3. Calculate the area of the mangrove habitat by country

ArcGIS workflow:

Intersect (Analysis toolbox) the feature layers (mangrove habitat will be clipped to the borders of the country layer while having all the attributes preserved)

Run the Join Field (Data Management toolbox) to join the source mangroves to the intersected one (which contains the area field you want to transfer to the source mangrove layer)? UNNECESSARY

Area needs to be calculated though…use Summary Statistics (Statistics)