The likelihood of introduction is calculated as the summation of:

* , the number of inflows into the waterbody, w
* the risk of introduction, output from a maxent model

The potential consequences/effect of an aquatic invasive species in that waterbody is the summation of:

* , other ais in the waterbody
* , the number of SARA listed species in the waterbody
* , the number of SARA listed species in a downstream waterbody

is the priority of the waterbody, w, for an aquatic invasive species, a, and is calculated as the summation of:

* , the predicted likelihood of introduction of an aquatic invasive species to a waterbody
* , the predicted suitability of the habitat (the waterbody) for a particular aquatic invasive species
* , the potential consequences/effect of an aquatic invasive species in that waterbody